

ModBus/BACNet Map

Modbus UID 0

Technical Data

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Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Display Template	1000	Register	No	No	No	No	No	No	No	No	No	No
Vendor Name	1032	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Model Name	1064	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Display Name	1096	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Device Type	1128	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System Topology	1160	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
OEM Code	1192	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Device ID Code	1224	Register	No	No	No	No	No	No	No	No	No	No
Device GUID	1256	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Serial Number	1276	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Software Version	2108	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hardware Version	2132	Register	No	No	No	No	No	No	No	No	No	No
Connection Style	1312	Register	No	No	No	No	No	No	No	No	No	No
Connection Address	1313	Register	No	No	No	No	No	No	No	No	No	No
Connection Rate	1345	Register	No	No	No	No	No	No	No	No	No	No
Check Device Clock Synchronization Every	1347	Register	No	No	No	No	No	No	No	No	No	No
Data Update Period	1349	Register	No	No	No	No	No	No	No	No	No	No
VA Rating	1351	Register	No	No	No	No	No	No	No	No	No	No
Watt Rating	1353	Register	No	No	No	No	No	No	No	No	No	No
Nominal Voltage	1355	Register	No	No	No	No	No	No	No	No	No	No
Nominal Input Voltage (L-L)	1357	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nominal Output Voltage	1359	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Number of Phases	1361	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Parallel System	1362	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Individual Load Segments	1363	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Topology Index	1364	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MAC Address	1365	Register	No	No	No	No	No	No	No	No	No	No
Location	1381	Register	No	No	No	No	No	No	No	No	No	No
Manufacture Date	1445	Register	No	No	No	No	No	No	No	No	No	No
Asset Identification Tag	1477	Register	No	No	No	No	No	No	No	No	No	No
Who To Contact	1541	Register	No	No	No	No	No	No	No	No	No	No
Field Replaceable Unit	1605	Register	No	No	No	No	No	No	No	No	No	No
Panels	1606	Register	No	No	No	No	No	No	No	No	No	No
Breaker Rating	1607	Register	No	No	No	No	No	No	No	No	No	No
Breaker Warning Setpoint	1609	Register	No	No	No	No	No	No	No	No	No	No
Breaker Overload Setpoint	1610	Register	No	No	No	No	No	No	No	No	No	No
Ground Current Alarm Setpoint	1611	Register	No	No	No	No	No	No	No	No	No	No
Neutral Current Alarm Setpoint	1612	Register	No	No	No	No	No	No	No	No	No	No
4 Pole Protection	1613	Register	No	No	No	No	No	No	No	No	No	No
50 60 Hz Flag	1614	Register	No	No	No	No	No	No	No	No	No	No
Communications Version	1615	Register	No	No	No	No	No	No	No	No	No	No
Product ID	1616	Register	No	No	No	No	No	No	No	No	No	No
Reduced Voltage Starter	1617	Register	No	No	No	No	No	No	No	No	No	No
Wiring 3 4	1619	Register	No	No	No	No	No	No	No	No	No	No
Battery Last Replaced Date	1620	Register	No	No	No	No	No	No	No	No	No	No
Date Last Serviced	1636	Register	No	No	No	No	No	No	No	No	No	No
Installation Date	1652	Register	No	No	No	No	No	No	No	No	No	No
Nominal Frequency	1668	Register	No	No	No	No	No	No	No	No	No	No
Nominal Input Frequency	1669	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nominal Output Frequency	1670	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Voltage Transfer Point	1671	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Boost Step-Up Point	1672	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Buck Reducer Point	1673	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
High Voltage Transfer Point	1674	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Low Runtime Alarm Setpoint	1675	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Dual Input Feeds	1676	Register	No	No	No	No	No	No	No	No	No	No
Contact Phone Number	1677	Register	No	No	No	No	No	No	No	No	No	No
Contact E-Mail Address	1741	Register	No	No	No	No	No	No	No	No	No	No
Panel Breaker Layout	1805	Register	No	No	No	No	No	No	No	No	No	No
Maximum Number of Breakers	1806	Register	No	No	No	No	No	No	No	No	No	No
Device Number	1807	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Input Phases	1808	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Phases	1809	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Current Rating	1810	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System Type	1811	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Bypass Installed	1812	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Battery Configuration	1813	Register	No	No	No	No	No	No	No	No	No	No
Battery Installed	1814	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Distributed Parallel	1815	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Connected to SBM	1816	Register	No	No	No	No	No	No	No	No	No	No
Number of Sub Devices	1817	Register	No	No	No	No	No	No	No	No	No	No
Link Status	1818	Register	No	No	No	No	No	No	No	No	No	No
DHCP Enabled	1819	Register	No	No	No	No	No	No	No	No	No	No
IPv4 Address	1820	Register	No	No	No	No	No	No	No	No	No	No
Subnet Mask	1852	Register	No	No	No	No	No	No	No	No	No	No
Default Gateway	1884	Register	No	No	No	No	No	No	No	No	No	No
Preferred DNS Server	1916	Register	No	No	No	No	No	No	No	No	No	No
Alternate DNS Server	1948	Register	No	No	No	No	No	No	No	No	No	No
Domain Name	1980	Register	No	No	No	No	No	No	No	No	No	No

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Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Modbus Map Version	2012	Register	No	No	No	No	No	No	No	No	No	No
ASIC Version	2028	Register	No	No	No	No	No	No	No	No	No	No
Bootloader Version	2044	Register	No	No	No	No	No	No	No	No	No	No
Kernel Version	2060	Register	No	No	No	No	No	No	No	No	No	No
Part Number	2076	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPv6 Address	2156	Register	No	No	No	No	No	No	No	No	No	No
Attached Devices	18000	Register	No	No	No	No	No	No	No	No	No	No
IEEE Address	18064	Register	No	No	No	No	No	No	No	No	No	No
PAN ID	18072	Register	No	No	No	No	No	No	No	No	No	No
Number of Communicating End Devices	18073	Register	No	No	No	No	No	No	No	No	No	No
Sensor ID Number	18074	Register	No	No	No	No	No	No	No	No	No	No
Sensory Type	18075	Register	No	No	No	No	No	No	No	No	No	No
DigiZig Frame Type	18076	Register	No	No	No	No	No	No	No	No	No	No
Device Short Address	18077	Register	No	No	No	No	No	No	No	No	No	No
Device Short Name	18078	Register	No	No	No	No	No	No	No	No	No	No
Wireless IEEE Address	18094	Register	No	No	No	No	No	No	No	No	No	No
Wireless Frame Type	18102	Register	No	No	No	No	No	No	No	No	No	No
Aux Port Baud Rate	18103	Register	No	No	No	No	No	No	No	No	No	No
Aux Port Modbus Address	18105	Register	No	No	No	No	No	No	No	No	No	No
Aux Port Modbus Delay	18106	Register	No	No	No	No	No	No	No	No	No	No
Aux Port Protocol	18108	Register	No	No	No	No	No	No	No	No	No	No
Invert PF Sign	18109	Register	No	No	No	No	No	No	No	No	No	No
Current Transformer Primary Rating	18110	Register	No	No	No	No	No	No	No	No	No	No
Current Transformer Secondary Rating	18112	Register	No	No	No	No	No	No	No	No	No	No
Potential Transformer Primary Rating	18114	Register	No	No	No	No	No	No	No	No	No	No
Potential Transformer Secondary Rating	18116	Register	No	No	No	No	No	No	No	No	No	No
Output VA Rating	18118	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Watts Rating	18120	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Watts Rating per Phase	18122	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Neutral Current Rating	18124	Register	No	No	No	No	No	No	No	No	No	No
Output Ground Current Warning Level	18126	Register	No	No	No	No	No	No	No	No	No	No
Input VA Rating	18128	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Input Watts Rating	18130	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Input Watts Rating per Phase	18132	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Input Current Rating	18134	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Neutral Current Rating	18136	Register	No	No	No	No	No	No	No	No	No	No
Input Ground Current Warning Level	18138	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input VA Rating	18140	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Watts Rating	18142	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Watts Rating per Phase	18144	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Current Rating	18146	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Neutral Current Rating	18148	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Ground Current Warning Level	18150	Register	No	No	No	No	No	No	No	No	No	No
Bypass VA Rating	18152	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Bypass Watts Rating	18154	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Bypass Watts Rating per Phase	18156	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Bypass Current Rating	18158	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Bypass Neutral Current Rating	18160	Register	No	No	No	No	No	No	No	No	No	No
Bypass Ground Current Warning Level	18162	Register	No	No	No	No	No	No	No	No	No	No
High Battery Voltage Limit	18164	Register	No	No	Yes	Yes	No	No	No	No	No	No
Battery Float Voltage	18166	Register	No	No	Yes	Yes	No	No	No	No	No	No
Secondary High Battery Voltage Limit	18168	Register	No	No	No	No	No	No	No	No	No	No
Secondary Battery Float Voltage	18170	Register	No	No	No	No	No	No	No	No	No	No
Model Description	18297	Register	No	No	No	No	No	No	No	No	No	No
Reference Number	18422	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IQ Protocol	18423	Register	No	No	No	No	No	No	No	No	No	No
Image Path	18424	Register	No	No	No	No	No	No	No	No	No	No
Utility Transfer Delay	18488	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Min Battery Capacity for Restart	18489	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Max Load for Sleep	18490	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Onset Delay for Sleep	18491	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Overload Threshold	18492	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Battery Test Period	18493	Register	No	No	No	No	No	No	No	No	No	No
Remaining Capacity Limit	18494	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Wiring Fault Detection	18495	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Frequency Converter Mode	18496	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Start On Battery Enable	18497	Register	No	No	No	No	No	No	No	No	No	No
Forced Transfer Enable	18498	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Out of Tolerance Transfer Enable	18499	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Overload Transfer Enable	18500	Register	No	No	No	No	No	No	No	No	No	No
Transfer On Bypass Enable	18501	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Energy Saving	18502	Register	No	No	No	No	No	No	No	No	No	No
Frequency Deviation Limit	18503	Register	No	No	No	No	No	No	No	No	No	No
Phase Deviation Limit	18505	Register	No	No	No	No	No	No	No	No	No	No
Lower Ambient Temp Alarm	18507	Register	No	No	No	No	No	No	No	No	No	No
Upper Ambient Temp Alarm	18509	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Switchable Status	18511	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nominal Input Voltage (L-N)	18512	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Current Rating per Phase	18513	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input VA Rating per Phase	18514	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Nominal Output Voltage (L-N)	18515	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Power Factor Rating	18516	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Current Rating per Phase	18517	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output VA Rating per Phase	18518	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nominal Bypass Voltage (L-L)	18519	Register	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Nominal Bypass Voltage (L-N)	18520	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Nominal Bypass Frequency	18521	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Bypass Current Rating per Phase	18522	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Bypass VA Rating per Phase	18523	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Nominal Inverter Voltage (L-L)	18524	Register	No	No	No	No	No	No	No	No	No	No
Nominal Inverter Voltage (L-N)	18525	Register	No	No	No	No	No	No	No	No	No	No
Nominal Inverter Frequency	18526	Register	No	No	No	No	No	No	No	No	No	No
Inverter Current Rating	18527	Register	No	No	No	No	No	No	No	No	No	No
Inverter Current Rating per Phase	18528	Register	No	No	No	No	No	No	No	No	No	No
Inverter VA Rating	18529	Register	No	No	No	No	No	No	No	No	No	No
Inverter VA Rating per Phase	18530	Register	No	No	No	No	No	No	No	No	No	No
Inverter Watts Rating	18531	Register	No	No	No	No	No	No	No	No	No	No
Inverter Watts Rating per Phase	18532	Register	No	No	No	No	No	No	No	No	No	No
Battery Type	18533	Register	No	No	No	No	No	No	No	No	No	No
Battery AH Rating	18534	Register	No	No	No	No	No	No	No	No	No	No
Battery Load Rating	18535	Register	No	No	No	No	No	No	No	No	No	No
Battery Time Rating	18536	Register	No	No	No	No	No	No	No	No	No	No
Battery UV Time	18537	Register	No	No	No	No	No	No	No	No	No	No
Low Battery Alarm Level (VPC)	18538	Register	No	No	No	No	No	No	No	No	No	No
Low Battery Shutdown Level (VPC)	18540	Register	No	No	No	No	No	No	No	No	No	No
Absolute Low Battery Shutdown Level (VPC)	18542	Register	No	No	No	No	No	No	No	No	No	No
RectifierDelayedStartUpGroup	18544	Register	No	No	No	No	No	No	No	No	No	No
RectifierDelayedStartUpDelay	18545	Register	No	No	No	No	No	No	No	No	No	No
Peak Shaving Percent	18546	Register	No	No	No	No	No	No	No	No	No	No
Disable Utility and go to battery	40105	Register	No	No	No	No	No	No	No	No	No	No
Enable Utility Grid	40106	Register	No	No	No	No	No	No	No	No	No	No
Disable Charger	40107	Register	No	No	No	No	No	No	No	No	No	No
Enable Charger	40108	Register	No	No	No	No	No	No	No	No	No	No
Set the Receive Date and Time Now	2200	Register	No	No	No	No	No	No	No	No	No	No
Reset Alarm	2203	Register	No	No	No	No	No	No	No	No	No	No
Reset Trip	2204	Register	No	No	No	No	No	No	No	No	No	No
Reset Power-up Indicator	2258	Register	No	No	No	No	No	No	No	No	No	No
Reset Peak Demand Watts	2205	Register	No	No	No	No	No	No	No	No	No	No
Reset Energy	2206	Register	No	No	No	No	No	No	No	No	No	No
Reset Timestamped Event Buffer	2207	Register	No	No	No	No	No	No	No	No	No	No
Reset Demand Watts Window	2208	Register	No	No	No	No	No	No	No	No	No	No
Snapshot	2209	Register	No	No	No	No	No	No	No	No	No	No
Reset Peak Demand Currents	2210	Register	No	No	No	No	No	No	No	No	No	No
Reset Operations Count	2211	Register	No	No	No	No	No	No	No	No	No	No
Reset Powered-up Indication	2231	Register	No	No	No	No	No	No	No	No	No	No
Reset All Min/Max Values	2232	Register	No	No	No	No	No	No	No	No	No	No
Unlock Waveform Buffer	2233	Register	No	No	No	No	No	No	No	No	No	No
Reset Discrete Input Counters	2259	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max Current	2234	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max L-L Voltages	2260	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max L-N Voltages	2261	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max PF-Apparent	2235	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max PF-Displacement	2262	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max Power	2263	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max Current %THD	2227	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max Voltage %THD	2228	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max Per Phase Power	2264	Register	No	No	No	No	No	No	No	No	No	No
Reset Op Count; Runtime; And Override Count	2265	Register	No	No	No	No	No	No	No	No	No	No
Reset Motor Data Maximum Values	2266	Register	No	No	No	No	No	No	No	No	No	No
Reset Motor Trip Counters	2267	Register	No	No	No	No	No	No	No	No	No	No
Reset Motor Alarm Counters	2268	Register	No	No	No	No	No	No	No	No	No	No
Reset Min/Max PF-Apparent	2269	Register	No	No	No	No	No	No	No	No	No	No
Reset Trip Unit Health Buffer	2236	Register	No	No	No	No	No	No	No	No	No	No
Reset Source 1 Available Time	2212	Register	No	No	No	No	No	No	No	No	No	No
Reset Source 1 Connect Time	2213	Register	No	No	No	No	No	No	No	No	No	No
Reset Source 1 Runtime	2214	Register	No	No	No	No	No	No	No	No	No	No
Reset Source 2 Available Time	2215	Register	No	No	No	No	No	No	No	No	No	No
Reset Source 2 Connect Time	2216	Register	No	No	No	No	No	No	No	No	No	No
Reset Source 2 Runtime	2217	Register	No	No	No	No	No	No	No	No	No	No
Reset Load Energize Time	2218	Register	No	No	No	No	No	No	No	No	No	No
Reset Transfer Status	2219	Register	No	No	No	No	No	No	No	No	No	No
Open Request	2220	Register	No	No	No	No	No	No	No	No	No	No
Close Request	2221	Register	No	No	No	No	No	No	No	No	No	No
Trip Request	2237	Register	No	No	No	No	No	No	No	No	No	No
Bypass All On/Protective Close	2238	Register	No	No	No	No	No	No	No	No	No	No
Bypass All Off/Clear Protective Close	2239	Register	No	No	No	No	No	No	No	No	No	No
Bypass All Restore	2240	Register	No	No	No	No	No	No	No	No	No	No
Enable Maintenance Mode	2229	Register	No	No	No	No	No	No	No	No	No	No
Disable Maintenance Mode	2230	Register	No	No	No	No	No	No	No	No	No	No
Start Fast-Forward	2241	Register	No	No	No	No	No	No	No	No	No	No
Start Fast-Reverse	2242	Register	No	No	No	No	No	No	No	No	No	No
Stop	2243	Register	No	No	No	No	No	No	No	No	No	No
Start	2244	Register	No	No	No	No	No	No	No	No	No	No
Start Slow-Forward	2245	Register	No	No	No	No	No	No	No	No	No	No
Start Slow-Reverse	2246	Register	No	No	No	No	No	No	No	No	No	No
Set Direction To Forward	2247	Register	No	No	No	No	No	No	No	No	No	No
Set Direction To Reverse	2248	Register	No	No	No	No	No	No	No	No	No	No
Emergency Override	2249	Register	No	No	No	No	No	No	No	No	No	No
Release Timestamped Event Buffer	2222	Register	No	No	No	No	No	No	No	No	No	No
Capture Waveform	2223	Register	No	No	No	No	No	No	No	No	No	No
Reset INCOM Slave Interface Statistics	2224	Register	No	No	No	No	No	No	No	No	No	No
Reset Product Specific Statistics	2225	Register	No	No	No	No	No	No	No	No	No	No
Ack Energy Reset	2226	Register	No	No	No	No	No	No	No	No	No	No
Save Setpoints And Begin Execution Using New Setpoints	2250	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Release Time-Stamped Minor Event Buffer	2251	Register	No	No	No	No	No	No	No	No	No	No
Release Time-Stamped Motor Start Profile Buffer	2252	Register	No	No	No	No	No	No	No	No	No	No
Abort Setpoints Buffer Change	2253	Register	No	No	No	No	No	No	No	No	No	No
Release Trend Buffer	2254	Register	No	No	No	No	No	No	No	No	No	No
Trigger Data Logging	2255	Register	No	No	No	No	No	No	No	No	No	No
Reset Total History Log	2256	Register	No	No	No	No	No	No	No	No	No	No
Reset Breaker History Log	2257	Register	No	No	No	No	No	No	No	No	No	No
Initiate ATS Test	2270	Register	No	No	No	No	No	No	No	No	No	No
Cancel ATS Test	2271	Register	No	No	No	No	No	No	No	No	No	No
Bypass TDNE/TDEN	2272	Register	No	No	No	No	No	No	No	No	No	No
Manual Retransfer	2273	Register	No	No	No	No	No	No	No	No	No	No
Go To Emergency	2274	Register	No	No	No	No	No	No	No	No	No	No
Cancel Go To Emergency	2275	Register	No	No	No	No	No	No	No	No	No	No
Reset Number of Transfers	2276	Register	No	No	No	No	No	No	No	No	No	No
Battery Test in Progress	2800	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Test Result	2801	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
System Test in Progress	2802	Register	No	No	No	No	No	No	No	No	No	No
System Test Result	2803	Register	No	No	No	No	No	No	No	No	No	No
System Status	3000	Register	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Status Reason	3001	Register	No	No	No	No	No	No	No	No	No	No
Output State	3002	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Strategy	3003	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Redundant State	3004	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Horn Status	3005	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter On Command	3006	Register	No	No	No	No	No	No	No	No	No	No
Fast Bypass Command	3007	Register	No	No	No	No	No	No	No	No	No	No
DC Link Bleed Complete	3008	Register	No	No	No	No	No	No	No	No	No	No
Control Power Status	3009	Register	No	No	No	No	No	No	No	No	No	No
Inverter Status	3010	Register	No	No	No	No	No	No	No	No	No	No
Charger Status	3011	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bypass Manual Turn Off	3012	Register	No	No	No	No	No	No	No	No	No	No
Inverter Bleeding DC Link Voltage	3013	Register	No	No	No	No	No	No	No	No	No	No
Parallel DC	3014	Register	No	No	No	No	No	No	No	No	No	No
Battery Charging	3015	Register	No	No	No	No	No	No	No	No	No	No
Battery Time Calculation Disabled	3016	Register	No	No	No	No	No	No	No	No	No	No
Series 7000 Enable	3017	Register	No	No	No	No	No	No	No	No	No	No
Other UPS On	3018	Register	No	No	No	No	No	No	No	No	No	No
Parallel Inverter	3019	Register	No	No	No	No	No	No	No	No	No	No
UPS In Parallel	3020	Register	No	No	No	No	No	No	No	No	No	No
Check Output Switchgear	3021	Register	No	No	No	No	No	No	No	No	No	No
Auto On Enabled	3022	Register	No	No	No	No	No	No	No	No	No	No
DC Start Occurred	3023	Register	No	No	No	No	No	No	No	No	No	No
In Parallel Operation	3024	Register	No	No	No	No	No	No	No	No	No	No
Syncing To Bypass	3025	Register	No	No	No	No	No	No	No	No	No	No
Ramping UPS Up	3026	Register	No	No	No	No	No	No	No	No	No	No
Inverter On Delay	3027	Register	No	No	No	No	No	No	No	No	No	No
Rectifier Starting	3028	Register	No	No	No	No	No	No	No	No	No	No
Close Bypass Switchgear	3029	Register	No	No	No	No	No	No	No	No	Yes	Yes
Emergency Transfer To Bypass	3030	Register	No	No	No	No	No	No	No	No	No	No
Syncing To Output	3031	Register	No	No	No	No	No	No	No	No	No	No
Incoming Modem Call Started	3032	Register	No	No	No	No	No	No	No	No	No	No
Outgoing Modem Call Started	3033	Register	No	No	No	No	No	No	No	No	No	No
Modem Connection Established	3034	Register	No	No	No	No	No	No	No	No	No	No
Modem Call Completed Successfully	3035	Register	No	No	No	No	No	No	No	No	No	No
System Initialization In Progress	3036	Register	No	No	No	No	No	No	No	No	No	No
Charger On Command	3037	Register	No	No	No	No	No	No	No	No	No	No
Charger Off Command	3038	Register	No	No	No	No	No	No	No	No	No	No
Rectifier Status	3039	Register	No	No	No	No	No	No	No	No	No	No
Inverter Switchgear Status (K3)	3040	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
Rectifier Switchgear Status (K1)	3041	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
Bypass Switchgear Status (K4)	3042	Register	No	No	No	No	No	No	No	No	No	Yes
Battery Switchgear Status (K2)	3043	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Backfeed Switchgear Status (K5)	3044	Register	No	No	Yes	Yes	No	No	No	No	No	No
Breaker Status - MCC	3045	Register	No	No	No	No	No	No	No	No	No	No
Backup Battery Status	3046	Register	No	No	No	No	No	No	No	No	No	No
Entity Admin State	3047	Register	No	No	No	No	No	No	No	No	No	No
Entity Operating State	3048	Register	No	No	No	No	No	No	No	No	No	No
Entity Readiness State	3049	Register	No	No	No	No	No	No	No	No	No	No
Entity Alarm State	3050	Register	No	No	No	No	No	No	No	No	No	No
Entity Standby State	3051	Register	No	No	No	No	No	No	No	No	No	No
Air Pressure Command	3052	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Temperature Alarms	3053	Register	No	No	No	No	No	No	No	No	No	No
Breaker History Accumulated Interrupted IA	3054	Register	No	No	No	No	No	No	No	No	No	No
Breaker History Accumulated Interrupted IB	3055	Register	No	No	No	No	No	No	No	No	No	No
Breaker History Accumulated Interrupted IC	3056	Register	No	No	No	No	No	No	No	No	No	No
Breaker History Log Date Time Reset	3057	Register	No	No	No	No	No	No	No	No	No	No
Breaker History Number of Breaker Operations	3058	Register	No	No	No	No	No	No	No	No	No	No
Converter	3059	Register	No	No	No	No	No	No	No	No	No	No
Cumulative Trip Count	3061	Register	No	No	No	No	No	No	No	No	No	No
Decel Torque Alarm	3062	Register	No	No	No	No	No	No	No	No	No	No
Demand Current Update Counter	3063	Register	No	No	No	No	No	No	No	No	No	No
Demand Power Update Counter	3064	Register	No	No	No	No	No	No	No	No	No	No
Direction	3065	Register	No	No	No	No	No	No	No	No	No	No
Event Count	3066	Register	No	No	No	No	No	No	No	No	No	No
Forward Speed Command	3067	Register	No	No	No	No	No	No	No	No	No	No
Frame	3068	Register	No	No	No	No	No	No	No	No	No	No
Ground Fault Alarms	3069	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Highload	3070	Register	No	No	No	No	No	No	No	No	No	No
I2T Alarms	3071	Register	No	No	No	No	No	No	No	No	No	No
Input Counter 1	3072	Register	No	No	No	No	No	No	No	No	No	No
Input Counter 2	3073	Register	No	No	No	No	No	No	No	No	No	No
Input Counter 3	3074	Register	No	No	No	No	No	No	No	No	No	No
Inverter	3075	Register	No	No	No	No	No	No	No	No	No	No
Jam Alarms	3076	Register	No	No	No	No	No	No	No	No	No	No
Jog	3077	Register	No	No	No	No	No	No	No	No	No	No
Last Operation Timestamp	3078	Register	No	No	No	No	No	No	No	No	No	No
Load Bearing Temperature Alarms	3079	Register	No	No	No	No	No	No	No	No	No	No
Motor Bearing Temperature Alarms	3080	Register	No	No	No	No	No	No	No	No	No	No
Motor Winding Temperature Alarms	3081	Register	No	No	No	No	No	No	No	No	No	No
Number of Slaves	3082	Register	No	No	No	No	No	No	No	No	No	No
Number IOC Trips	3083	Register	No	No	No	No	No	No	No	No	No	No
Number Operating Hours	3084	Register	No	No	No	No	No	No	No	No	Yes	Yes
Number Times Powered Up	3085	Register	No	No	No	No	No	No	No	No	No	No
Number TOC Trips	3086	Register	No	No	No	No	No	No	No	No	No	No
Number of Transfers	3087	Register	No	No	No	No	No	No	No	No	No	No
Number Unbalance Trips	3088	Register	No	No	No	No	No	No	No	No	No	No
Number Voltage Trips	3089	Register	No	No	No	No	No	No	No	No	No	No
Off to On Transitions	3090	Register	No	No	No	No	No	No	No	No	No	No
Off to On Transitions Window 2	3091	Register	No	No	No	No	No	No	No	No	No	No
Time left in oldest start	3092	Register	No	No	No	No	No	No	No	No	No	No
Operations Count	3093	Register	No	No	No	No	No	No	No	No	No	No
PercentI2T	3094	Register	No	No	No	No	No	No	No	No	No	No
Phase Unbalance Alarms	3095	Register	No	No	No	No	No	No	No	No	No	No
Plug	3096	Register	No	No	No	No	No	No	No	No	No	No
Present Status	3097	Register	No	No	No	No	No	No	No	No	No	No
Preset 1	3098	Register	No	No	No	No	No	No	No	No	No	No
Preset 2	3099	Register	No	No	No	No	No	No	No	No	No	No
Preset 3	3100	Register	No	No	No	No	No	No	No	No	No	No
Process Signal Min Level	3101	Register	No	No	No	No	No	No	No	No	No	No
Recent Frequency Command	3102	Register	No	No	No	No	No	No	No	No	No	No
Relay 1	3103	Register	No	No	No	No	No	No	No	No	No	No
Relay 2	3104	Register	No	No	No	No	No	No	No	No	No	No
Relay 3	3105	Register	No	No	No	No	No	No	No	No	No	No
Relay 4	3106	Register	No	No	No	No	No	No	No	No	No	No
Relay 5	3107	Register	No	No	No	No	No	No	No	No	No	No
Relay Event Counter	3108	Register	No	No	No	No	No	No	No	No	No	No
Relay Healthy	3109	Register	No	No	No	No	No	No	No	No	No	No
Remaining starts in starts/time	3110	Register	No	No	No	No	No	No	No	No	No	No
RTD Failure Alarms	3111	Register	No	No	No	No	No	No	No	No	No	No
Running Total	3112	Register	No	No	No	No	No	No	No	No	No	No
Running Total Window 1	3113	Register	No	No	No	No	No	No	No	No	No	No
Run Time	3114	Register	No	No	No	No	No	No	No	No	No	No
Status Secondary	3115	Register	No	No	No	No	No	No	No	No	No	No
Setpoints Change Counter	3116	Register	No	No	No	No	No	No	No	No	No	No
Speed	3117	Register	No	No	No	No	No	No	No	No	No	No
Starts Per Time Alarms	3118	Register	No	No	No	No	No	No	No	No	No	No
Percent Motor Thermal Capacity	3119	Register	No	No	No	No	No	No	No	No	No	No
Torque Alarm Limit	3120	Register	No	No	No	No	No	No	No	No	No	No
Total History Accumulated Interrupted IA	3121	Register	No	No	No	No	No	No	No	No	No	No
Total History Accumulated Interrupted IB	3122	Register	No	No	No	No	No	No	No	No	No	No
Total History Accumulated Interrupted IC	3123	Register	No	No	No	No	No	No	No	No	No	No
Total History Log Date Time Reset	3124	Register	No	No	No	No	No	No	No	No	No	No
Total History Number of Breaker Operations	3125	Register	No	No	No	No	No	No	No	No	No	No
Total History Number of Power Trips	3126	Register	No	No	No	No	No	No	No	No	No	No
Total Number of Trips	3127	Register	No	No	No	No	No	No	No	No	No	No
Transducer Auto Detected	3128	Register	No	No	No	No	No	No	No	No	No	No
Triggered Event	3129	Register	No	No	No	No	No	No	No	No	No	No
Triggered Event Status	3130	Register	No	No	No	No	No	No	No	No	No	No
Trigger State Changes	3131	Register	No	No	No	No	No	No	No	No	No	No
Tripping Disarmed Flag	3132	Register	No	No	No	No	No	No	No	No	No	No
Under Load Alarms	3133	Register	No	No	No	No	No	No	No	No	No	No
URTD Comm Failure Alarms	3134	Register	No	No	No	No	No	No	No	No	No	No
DC Control Voltage	3135	Register	No	No	No	No	No	No	No	No	No	No
Voltage THD Alarm Flag	3136	Register	No	No	No	No	No	No	No	No	No	No
WF Update Counter	3137	Register	No	No	No	No	No	No	No	No	No	No
WF Upload Flag	3138	Register	No	No	No	No	No	No	No	No	No	No
Division Code	3139	Register	No	No	No	No	No	No	No	No	No	No
Cause of Status	3140	Register	No	No	No	No	No	No	No	No	No	No
Primary Status Code	3141	Register	No	No	No	No	No	No	No	No	No	No
Secondary Status Code	3142	Register	No	No	No	No	No	No	No	No	No	No
ITMC Status	3143	Register	No	No	No	No	No	No	No	No	No	No
ITMC Fault	3144	Register	No	No	No	No	No	No	No	No	No	No
ABM Status	3145	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Primary AC Input is Good	3146	Register	No	No	No	No	No	No	No	No	No	No
Secondary AC Input is Good	3147	Register	No	No	No	No	No	No	No	No	No	No
Power Xpert Status	3148	Register	No	No	No	No	No	No	No	No	No	No
Output Current Available	3149	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Output VA Available	3150	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Output Watts Available	3153	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Battery Life Remaining	3245	Register	No	No	No	No	No	No	No	No	No	No
System Flash Size	3246	Register	No	No	No	No	No	No	No	No	No	No
System Flash Available	3247	Register	No	No	No	No	No	No	No	No	No	No
Device Change Up-counter	3248	Register	No	No	No	No	No	No	No	No	No	No
Bypass Status	3251	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
V	4000	Register	No	No	No	No	No	No	No	No	No	No
Vab	4002	Register	No	No	No	No	No	No	No	No	No	No
Vbc	4004	Register	No	No	No	No	No	No	No	No	No	No
Vca	4006	Register	No	No	No	No	No	No	No	No	No	No
V(L-L) Average	4008	Register	No	No	No	No	No	No	No	No	No	No
Van	4010	Register	No	No	No	No	No	No	No	No	No	No
Vbn	4012	Register	No	No	No	No	No	No	No	No	No	No
Vcn	4014	Register	No	No	No	No	No	No	No	No	No	No
V(L-N) Average	4016	Register	No	No	No	No	No	No	No	No	No	No
V(N-G)	4018	Register	No	No	No	No	No	No	No	No	No	No
Vab Aux	4020	Register	No	No	No	No	No	No	No	No	No	No
Vbc Aux	4022	Register	No	No	No	No	No	No	No	No	No	No
Vca Aux	4024	Register	No	No	No	No	No	No	No	No	No	No
VII Aux Avg	4026	Register	No	No	No	No	No	No	No	No	No	No
Vab Input	4028	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbc Input	4030	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vca Input	4032	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vab Output	4034	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbc Output	4036	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vca Output	4038	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Van Input	4040	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbn Input	4042	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vcn Input	4044	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Van Output	4046	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbn Output	4048	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vcn Output	4050	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vab Bypass	4052	Register	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vbc Bypass	4054	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Vca Bypass	4056	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Van Bypass	4058	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vbn Bypass	4060	Register	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vcn Bypass	4062	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Vab Inverter	4064	Register	No	No	No	No	No	Yes	Yes	Yes	No	No
Vbc Inverter	4066	Register	No	No	No	No	No	Yes	No	Yes	No	No
Vca Inverter	4068	Register	No	No	No	No	No	Yes	No	Yes	No	No
Van Inverter	4070	Register	No	No	No	No	No	Yes	No	No	No	No
Vbn Inverter	4072	Register	No	No	No	No	No	Yes	No	No	No	No
Vcn Inverter	4074	Register	No	No	No	No	No	Yes	No	No	No	No
Vab Interval Avg	4076	Register	No	No	No	No	No	No	No	No	No	No
Vbc Interval Avg	4078	Register	No	No	No	No	No	No	No	No	No	No
Vca Interval Avg	4080	Register	No	No	No	No	No	No	No	No	No	No
VII Interval Avg	4082	Register	No	No	No	No	No	No	No	No	No	No
Van Interval Avg	4084	Register	No	No	No	No	No	No	No	No	No	No
Vbn Interval Avg	4086	Register	No	No	No	No	No	No	No	No	No	No
Vcn Interval Avg	4088	Register	No	No	No	No	No	No	No	No	No	No
VIn Interval Avg	4090	Register	No	No	No	No	No	No	No	No	No	No
Vng Interval Avg	4092	Register	No	No	No	No	No	No	No	No	No	No
Vab Aux Interval Avg	4094	Register	No	No	No	No	No	No	No	No	No	No
Vbc Aux Interval Avg	4096	Register	No	No	No	No	No	No	No	No	No	No
Vca Aux Interval Avg	4098	Register	No	No	No	No	No	No	No	No	No	No
VII Aux Interval Avg	4100	Register	No	No	No	No	No	No	No	No	No	No
Vab Interval Min	4102	Register	No	No	No	No	No	No	No	No	No	No
Vbc Interval Min	4104	Register	No	No	No	No	No	No	No	No	No	No
Vca Interval Min	4106	Register	No	No	No	No	No	No	No	No	No	No
VII Interval Min	4108	Register	No	No	No	No	No	No	No	No	No	No
Van Interval Min	4110	Register	No	No	No	No	No	No	No	No	No	No
Vbn Interval Min	4112	Register	No	No	No	No	No	No	No	No	No	No
Vcn Interval Min	4114	Register	No	No	No	No	No	No	No	No	No	No
VIn Interval Min	4116	Register	No	No	No	No	No	No	No	No	No	No
Vng Interval Min	4118	Register	No	No	No	No	No	No	No	No	No	No
Vab Aux Interval Min	4120	Register	No	No	No	No	No	No	No	No	No	No
Vbc Aux Interval Min	4122	Register	No	No	No	No	No	No	No	No	No	No
Vca Aux Interval Min	4124	Register	No	No	No	No	No	No	No	No	No	No
VII Aux Interval Min	4126	Register	No	No	No	No	No	No	No	No	No	No
Vab Interval Max	4128	Register	No	No	No	No	No	No	No	No	No	No
Vbc Interval Max	4130	Register	No	No	No	No	No	No	No	No	No	No
Vca Interval Max	4132	Register	No	No	No	No	No	No	No	No	No	No
VII Interval Max	4134	Register	No	No	No	No	No	No	No	No	No	No
Van Interval Max	4136	Register	No	No	No	No	No	No	No	No	No	No
Vbn Interval Max	4138	Register	No	No	No	No	No	No	No	No	No	No
Vcn Interval Max	4140	Register	No	No	No	No	No	No	No	No	No	No
VIn Interval Max	4142	Register	No	No	No	No	No	No	No	No	No	No
Vng Interval Max	4144	Register	No	No	No	No	No	No	No	No	No	No
Vab Aux Interval Max	4146	Register	No	No	No	No	No	No	No	No	No	No
Vbc Aux Interval Max	4148	Register	No	No	No	No	No	No	No	No	No	No
Vca Aux Interval Max	4150	Register	No	No	No	No	No	No	No	No	No	No
VII Aux Interval Max	4152	Register	No	No	No	No	No	No	No	No	No	No
Input Phase A Voltage Ratio	4154	Register	No	No	No	No	No	No	No	No	No	No
Input Phase B Voltage Ratio	4156	Register	No	No	No	No	No	No	No	No	No	No
Input Phase C Voltage Ratio	4158	Register	No	No	No	No	No	No	No	No	No	No
Output Phase A Voltage Ratio	4160	Register	No	No	No	No	No	No	No	No	No	No
Output Phase B Voltage Ratio	4162	Register	No	No	No	No	No	No	No	No	No	No
Output Phase C Voltage Ratio	4164	Register	No	No	No	No	No	No	No	No	No	No
Voltage Unbalance	4166	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Min Max Reset	4168	Register	No	No	No	No	No	No	No	No	No	No
Phasor Vab	4171	Register	No	No	No	No	No	No	No	No	No	No
Phasor Van	4173	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Phasor Vbc	4175	Register	No	No	No	No	No	No	No	No	No	No
Phasor Vbn	4177	Register	No	No	No	No	No	No	No	No	No	No
Phasor Vca	4179	Register	No	No	No	No	No	No	No	No	No	No
Phasor Vcn	4181	Register	No	No	No	No	No	No	No	No	No	No
V(Positive Sequence) Magnitude	4183	Register	No	No	No	No	No	No	No	No	No	No
Vaux Positive Sequence Symmetric Voltage	4185	Register	No	No	No	No	No	No	No	No	No	No
V(Negative Sequence) Magnitude	4187	Register	No	No	No	No	No	No	No	No	No	No
Vaux Negative Sequence Symmetric Voltage	4189	Register	No	No	No	No	No	No	No	No	No	No
V(Zero Sequence) Magnitude	4191	Register	No	No	No	No	No	No	No	No	No	No
Vaux Zero Sequence Symmetric Voltage	4193	Register	No	No	No	No	No	No	No	No	No	No
V Pos Seq Interval Avg	4195	Register	No	No	No	No	No	No	No	No	No	No
V Aux Pos Seq Interval Avg	4197	Register	No	No	No	No	No	No	No	No	No	No
V Neg Seq Interval Avg	4199	Register	No	No	No	No	No	No	No	No	No	No
V Aux Neg Seq Interval Avg	4201	Register	No	No	No	No	No	No	No	No	No	No
V Zero Seq Interval Avg	4203	Register	No	No	No	No	No	No	No	No	No	No
V Aux Zero Seq Interval Avg	4205	Register	No	No	No	No	No	No	No	No	No	No
V Pos Seq Interval Min	4207	Register	No	No	No	No	No	No	No	No	No	No
V Aux Pos Seq Interval Min	4209	Register	No	No	No	No	No	No	No	No	No	No
V Neg Seq Interval Min	4211	Register	No	No	No	No	No	No	No	No	No	No
V Aux Neg Seq Interval Min	4213	Register	No	No	No	No	No	No	No	No	No	No
V Zero Seq Interval Min	4215	Register	No	No	No	No	No	No	No	No	No	No
V Aux Zero Seq Interval Min	4217	Register	No	No	No	No	No	No	No	No	No	No
V Pos Seq Interval Max	4219	Register	No	No	No	No	No	No	No	No	No	No
V Aux Pos Seq Interval Max	4221	Register	No	No	No	No	No	No	No	No	No	No
V Neg Seq Interval Max	4223	Register	No	No	No	No	No	No	No	No	No	No
V Aux Neg Seq Interval Max	4225	Register	No	No	No	No	No	No	No	No	No	No
V Zero Seq Interval Max	4227	Register	No	No	No	No	No	No	No	No	No	No
V Aux Zero Seq Interval Max	4229	Register	No	No	No	No	No	No	No	No	No	No
Min Van	4231	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn	4233	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn	4235	Register	No	No	No	No	No	No	No	No	No	No
Min V(N-G)	4237	Register	No	No	No	No	No	No	No	No	No	No
Min V(L-N)	4239	Register	No	No	No	No	No	No	No	No	No	No
Min Vab	4241	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc	4243	Register	No	No	No	No	No	No	No	No	No	No
Min Vca	4245	Register	No	No	No	No	No	No	No	No	No	No
Min V(L-L)	4247	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Aux	4249	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Aux	4251	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Aux	4253	Register	No	No	No	No	No	No	No	No	No	No
Min VII Aux	4255	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Van	4257	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Vbn	4260	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Vcn	4263	Register	No	No	No	No	No	No	No	No	No	No
Time of Min V(N-G)	4266	Register	No	No	No	No	No	No	No	No	No	No
Time of Min V(L-N)	4269	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Vab	4272	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Vbc	4275	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Vca	4278	Register	No	No	No	No	No	No	No	No	No	No
Time of Min V(L-L)	4281	Register	No	No	No	No	No	No	No	No	No	No
Vab Aux Min Time	4284	Register	No	No	No	No	No	No	No	No	No	No
Vbc Aux Min Time	4287	Register	No	No	No	No	No	No	No	No	No	No
Vca Aux Min Time	4290	Register	No	No	No	No	No	No	No	No	No	No
VII Aux Min Time	4293	Register	No	No	No	No	No	No	No	No	No	No
Max Van	4296	Register	No	No	No	No	No	No	No	No	No	No
Max Vbn	4298	Register	No	No	No	No	No	No	No	No	No	No
Max Vcn	4300	Register	No	No	No	No	No	No	No	No	No	No
Max V(N-G)	4302	Register	No	No	No	No	No	No	No	No	No	No
Max V(L-N)	4304	Register	No	No	No	No	No	No	No	No	No	No
Max Vab	4306	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc	4308	Register	No	No	No	No	No	No	No	No	No	No
Max Vca	4310	Register	No	No	No	No	No	No	No	No	No	No
Max V(L-L)	4312	Register	No	No	No	No	No	No	No	No	No	No
Max Vab Aux	4314	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc Aux	4316	Register	No	No	No	No	No	No	No	No	No	No
Max Vca Aux	4318	Register	No	No	No	No	No	No	No	No	No	No
Max VII Aux	4320	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Van	4322	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vbn	4325	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vcn	4328	Register	No	No	No	No	No	No	No	No	No	No
Time of Max V(N-G)	4331	Register	No	No	No	No	No	No	No	No	No	No
Time of Max V(L-N)	4334	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vab	4337	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vbc	4340	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vca	4343	Register	No	No	No	No	No	No	No	No	No	No
VII Max Time	4346	Register	No	No	No	No	No	No	No	No	No	No
Vab Aux Max Time	4349	Register	No	No	No	No	No	No	No	No	No	No
Vbc Aux Max Time	4352	Register	No	No	No	No	No	No	No	No	No	No
Vca Aux Max Time	4355	Register	No	No	No	No	No	No	No	No	No	No
VII Aux Max Time	4358	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Vab	4361	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Vbc	4363	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Vca	4365	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Vab	4367	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Vbc	4369	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Vca	4371	Register	No	No	No	No	No	No	No	No	No	No
Motor Voltage	4373	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
DC Voltage	4375	Register	No	No	No	No	No	No	No	No	No	No
Battery Voltage	4377	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Low Battery Shutdown Voltage	4379	Register	No	No	No	No	No	No	No	No	No	No
Low Battery Warning Voltage	4381	Register	No	No	Yes	Yes	No	No	No	No	No	No
Rectifier Limit Voltage	4383	Register	No	No	No	No	No	No	No	No	No	No
Link Voltage	4385	Register	No	No	No	No	No	No	No	No	No	No
Negative Link Voltage	4387	Register	No	No	No	No	No	No	No	No	No	No
Auto-Balance DC Voltage	4389	Register	No	No	No	No	No	No	No	No	No	No
Positive Battery Voltage	4391	Register	No	No	No	No	No	No	No	No	No	No
Negative Battery Voltage	4393	Register	No	No	No	No	No	No	No	No	No	No
DC Logic Voltage	4395	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Positive DC Voltage	4397	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Negative DC Voltage	4399	Register	No	No	No	No	No	No	No	No	No	No
Rectifier DC Voltage	4401	Register	No	No	No	No	No	No	No	No	No	No
PV String 1 Voltage	4553	Register	No	No	No	No	No	No	No	No	No	No
PV String 2 Voltage	4555	Register	No	No	No	No	No	No	No	No	No	No
Vag	4403	Register	No	No	No	No	No	No	No	No	No	No
Vbg	4405	Register	No	No	No	No	No	No	No	No	No	No
Vcg	4407	Register	No	No	No	No	No	No	No	No	No	No
V(L-G) Average	4409	Register	No	No	No	No	No	No	No	No	No	No
Vab Magnitude	4411	Register	No	No	No	No	No	No	No	No	No	No
Vbc Magnitude	4413	Register	No	No	No	No	No	No	No	No	No	No
Vca Magnitude	4415	Register	No	No	No	No	No	No	No	No	No	No
Vab Phase	4417	Register	No	No	No	No	No	No	No	No	No	No
Vbc Phase	4419	Register	No	No	No	No	No	No	No	No	No	No
Vca Phase	4421	Register	No	No	No	No	No	No	No	No	No	No
Van Magnitude	4423	Register	No	No	No	No	No	No	No	No	No	No
Vbn Magnitude	4425	Register	No	No	No	No	No	No	No	No	No	No
Vcn Magnitude	4427	Register	No	No	No	No	No	No	No	No	No	No
Van Phase	4429	Register	No	No	No	No	No	No	No	No	No	No
Vbn Phase	4431	Register	No	No	No	No	No	No	No	No	No	No
Vcn Phase	4433	Register	No	No	No	No	No	No	No	No	No	No
Angle of V(A-P)	4435	Register	No	No	No	No	No	No	No	No	No	No
Angle of V(B-P)	4437	Register	No	No	No	No	No	No	No	No	No	No
Angle of V(C-P)	4439	Register	No	No	No	No	No	No	No	No	No	No
V(A-P) Magnitude	4441	Register	No	No	No	No	No	No	No	No	No	No
V(B-P) Magnitude	4443	Register	No	No	No	No	No	No	No	No	No	No
V(C-P) Magnitude	4445	Register	No	No	No	No	No	No	No	No	No	No
Phasing V(A-P)	4447	Register	No	No	No	No	No	No	No	No	No	No
Phasing V(B-P)	4449	Register	No	No	No	No	No	No	No	No	No	No
Phasing V(C-P)	4451	Register	No	No	No	No	No	No	No	No	No	No
Line Va	4453	Register	No	No	No	No	No	No	No	No	No	No
Line Vb	4455	Register	No	No	No	No	No	No	No	No	No	No
Line Vc	4457	Register	No	No	No	No	No	No	No	No	No	No
Load Vab	4459	Register	No	No	No	No	No	No	No	No	No	No
Load Vbc	4461	Register	No	No	No	No	No	No	No	No	No	No
Load Vca	4463	Register	No	No	No	No	No	No	No	No	No	No
Load Voltage	4465	Register	No	No	No	No	No	No	No	No	No	No
Link Voltage	4467	Register	No	No	No	No	No	No	No	No	No	No
Transformer Van	4469	Register	No	No	No	No	No	No	No	No	No	No
Transformer Vbn	4471	Register	No	No	No	No	No	No	No	No	No	No
Transformer Vcn	4473	Register	No	No	No	No	No	No	No	No	No	No
Voltage Difference	4475	Register	No	No	No	No	No	No	No	No	No	No
V(Auxiliary)	4477	Register	No	No	No	No	No	No	No	No	No	No
V(Auxiliary) Phase	4479	Register	No	No	No	No	No	No	No	No	No	No
V(Auxiliary) Magnitude	4481	Register	No	No	No	No	No	No	No	No	No	No
Percent Voltage Unbalance	4483	Register	No	No	No	No	No	No	No	No	No	No
Min Max V Changes	4489	Register	No	No	No	No	No	No	No	No	No	No
V(Negative Sequence) Phase	4491	Register	No	No	No	No	No	No	No	No	No	No
V(Positive Sequence) Phase	4493	Register	No	No	No	No	No	No	No	No	No	No
V(Zero Sequence) Phase	4495	Register	No	No	No	No	No	No	No	No	No	No
Phase Angle Vab	4497	Register	No	No	No	No	No	No	No	No	No	No
Phase Angle Vbc	4499	Register	No	No	No	No	No	No	No	No	No	No
Phase Angle Vca	4501	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max L-L V)	4503	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max L-N V)	4506	Register	No	No	No	No	No	No	No	No	No	No
3V0 Voltage Magnitude	4509	Register	No	No	No	No	No	No	No	No	No	No
3V0 Voltage Angle	4511	Register	No	No	No	No	No	No	No	No	No	No
V1 Voltage Magnitude	4513	Register	No	No	No	No	No	No	No	No	No	No
V1 Voltage Angle	4515	Register	No	No	No	No	No	No	No	No	No	No
V2 Voltage Magnitude	4517	Register	No	No	No	No	No	No	No	No	No	No
V2 Voltage Angle	4519	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Vab	4529	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Vbc	4531	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Vca	4533	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Van	4535	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Vbn	4537	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Vcn	4539	Register	No	No	No	No	No	No	No	No	No	No
Secondary Low Battery Warning Voltage	4541	Register	No	No	No	No	No	No	No	No	No	No
Secondary Low Battery Shutdown Voltage	4543	Register	No	No	No	No	No	No	No	No	No	No
Secondary Battery Voltage	4545	Register	No	No	No	No	No	No	No	No	No	No
Average Input V(L-N)	4547	Register	No	No	No	No	No	No	No	No	No	No
Average Output V(L-N)	4549	Register	No	No	No	No	No	No	No	No	No	No
Average Bypass V(L-N)	4551	Register	No	No	No	No	No	No	No	No	No	No
I	5000	Register	No	No	No	No	No	No	No	No	No	No
Ia	5002	Register	No	No	No	No	No	No	No	No	No	No
Ib	5004	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Ic	5006	Register	No	No	No	No	No	No	No	No	No	No
Ig	5008	Register	No	No	No	No	No	No	No	No	No	No
In	5010	Register	No	No	No	No	No	No	No	No	No	No
Iavg	5012	Register	No	No	No	No	No	No	No	No	No	No
Demand Ia	5250	Register	No	No	No	No	No	No	No	No	No	No
Demand Ib	5252	Register	No	No	No	No	No	No	No	No	No	No
Demand Ic	5254	Register	No	No	No	No	No	No	No	No	No	No
Demand Ig	5256	Register	No	No	No	No	No	No	No	No	No	No
Demand In	5258	Register	No	No	No	No	No	No	No	No	No	No
Demand Iavg	5590	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Ia	5014	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Ib	5016	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Ic	5018	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Ig	5260	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand In	5262	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Iavg	5592	Register	No	No	No	No	No	No	No	No	No	No
Percent Full Load Current Average	5020	Register	No	No	No	No	No	No	No	No	No	No
IinA	5022	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IinB	5024	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IinC	5026	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
IoutA	5028	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IoutB	5030	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IoutC	5032	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
IoutN	5034	Register	No	No	Yes	Yes	No	No	No	No	Yes	Yes
Total Input Current Rating	5036	Register	No	No	No	No	No	No	No	No	No	No
Phase A Output Current Limit	5038	Register	No	No	No	No	No	No	No	No	No	No
Phase B Output Current Limit	5040	Register	No	No	No	No	No	No	No	No	No	No
Phase C Output Current Limit	5042	Register	No	No	No	No	No	No	No	No	No	No
IinVpeakA	5044	Register	No	No	No	No	No	No	No	No	No	No
IinVpeakB	5046	Register	No	No	No	No	No	No	No	No	No	No
IinVpeakC	5048	Register	No	No	No	No	No	No	No	No	No	No
IinVavgABC	5050	Register	No	No	No	No	No	No	No	No	No	No
IinVavgA	5052	Register	No	No	No	No	No	No	No	No	No	No
IinVavgB	5054	Register	No	No	No	No	No	No	No	No	No	No
IinVavgC	5056	Register	No	No	No	No	No	No	No	No	No	No
Iavg Interval Avg	5058	Register	No	No	No	No	No	No	No	No	No	No
Ia Interval Avg	5060	Register	No	No	No	No	No	No	No	No	No	No
Ib Interval Avg	5062	Register	No	No	No	No	No	No	No	No	No	No
Ic Interval Avg	5064	Register	No	No	No	No	No	No	No	No	No	No
Ig Interval Avg	5066	Register	No	No	No	No	No	No	No	No	No	No
In Interval Avg	5068	Register	No	No	No	No	No	No	No	No	No	No
Iavg Interval Min	5070	Register	No	No	No	No	No	No	No	No	No	No
Ia Interval Min	5072	Register	No	No	No	No	No	No	No	No	No	No
Ib Interval Min	5074	Register	No	No	No	No	No	No	No	No	No	No
Ic Interval Min	5076	Register	No	No	No	No	No	No	No	No	No	No
Ig Interval Min	5078	Register	No	No	No	No	No	No	No	No	No	No
In Interval Min	5080	Register	No	No	No	No	No	No	No	No	No	No
Iavg Interval Max	5082	Register	No	No	No	No	No	No	No	No	No	No
Ia Interval Max	5084	Register	No	No	No	No	No	No	No	No	No	No
Ib Interval Max	5086	Register	No	No	No	No	No	No	No	No	No	No
Ic Interval Max	5088	Register	No	No	No	No	No	No	No	No	No	No
Ig Interval Max	5090	Register	No	No	No	No	No	No	No	No	No	No
In Interval Max	5092	Register	No	No	No	No	No	No	No	No	No	No
Input Phase A Current Ratio	5094	Register	No	No	No	No	No	No	No	No	No	No
Input Phase B Current Ratio	5096	Register	No	No	No	No	No	No	No	No	No	No
Input Phase C Current Ratio	5098	Register	No	No	No	No	No	No	No	No	No	No
Output Phase A Current Ratio	5100	Register	No	No	No	No	No	No	No	No	No	No
Output Phase B Current Ratio	5102	Register	No	No	No	No	No	No	No	No	No	No
Output Phase C Current Ratio	5104	Register	No	No	No	No	No	No	No	No	No	No
Motor Current	5106	Register	No	No	No	No	No	No	No	No	No	No
Phasor Ia	5108	Register	No	No	No	No	No	No	No	No	No	No
Phasor Ib	5110	Register	No	No	No	No	No	No	No	No	No	No
Phasor Ic	5112	Register	No	No	No	No	No	No	No	No	No	No
Phasor Ig	5114	Register	No	No	No	No	No	No	No	No	No	No
Phasor In	5116	Register	No	No	No	No	No	No	No	No	No	No
I(Positive Sequence) Magnitude	5118	Register	No	No	No	No	No	No	No	No	No	No
I(Negative Sequence) Magnitude	5120	Register	No	No	No	No	No	No	No	No	No	No
I(Zero Sequence) Magnitude	5122	Register	No	No	No	No	No	No	No	No	No	No
I Pos Seq Interval Avg	5124	Register	No	No	No	No	No	No	No	No	No	No
I Neg Seq Interval Avg	5126	Register	No	No	No	No	No	No	No	No	No	No
I Zero Seq Interval Avg	5128	Register	No	No	No	No	No	No	No	No	No	No
I Pos Seq Interval Min	5130	Register	No	No	No	No	No	No	No	No	No	No
I Neg Seq Interval Min	5132	Register	No	No	No	No	No	No	No	No	No	No
I Zero Seq Interval Min	5134	Register	No	No	No	No	No	No	No	No	No	No
I Pos Seq Interval Max	5136	Register	No	No	No	No	No	No	No	No	No	No
I Neg Seq Interval Max	5138	Register	No	No	No	No	No	No	No	No	No	No
I Zero Seq Interval Max	5140	Register	No	No	No	No	No	No	No	No	No	No
Phase Current Unbalance	5142	Register	No	No	No	No	No	No	No	No	No	No
Ia Min	5144	Register	No	No	No	No	No	No	No	No	No	No
Ib Min	5146	Register	No	No	No	No	No	No	No	No	No	No
Ic Min	5148	Register	No	No	No	No	No	No	No	No	No	No
In Min	5150	Register	No	No	No	No	No	No	No	No	No	No
Ig Min	5152	Register	No	No	No	No	No	No	No	No	No	No
Ia Max	5164	Register	No	No	No	No	No	No	No	No	No	No
Ib Max	5166	Register	No	No	No	No	No	No	No	No	No	No
Ic Max	5168	Register	No	No	No	No	No	No	No	No	No	No
In Max	5170	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Ig Max	5172	Register	No	No	No	No	No	No	No	No	No	No
Phase A Percent Full Load Current	5184	Register	No	No	No	No	No	No	No	No	No	No
Phase B Percent Full Load Current	5186	Register	No	No	No	No	No	No	No	No	No	No
Phase C Percent Full Load Current	5188	Register	No	No	No	No	No	No	No	No	No	No
Battery Current	5190	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DCIbattcharge Limit	5192	Register	No	No	No	No	No	No	No	No	No	No
DCIbatdischarge Limit	5194	Register	No	No	No	No	No	No	No	No	No	No
DCIrectifier	5196	Register	No	No	No	No	No	No	No	No	No	No
DCIbatpos	5198	Register	No	No	No	No	No	No	No	No	No	No
DCIbattneg	5200	Register	No	No	No	No	No	No	No	No	No	No
Load Current	5202	Register	No	No	No	No	No	No	No	No	No	No
Max 3 Phase Current	5204	Register	No	No	No	No	No	No	No	No	No	No
Min 3 Phase Current	5206	Register	No	No	No	No	No	No	No	No	No	No
Max Phase Unbalance	5208	Register	No	No	No	No	No	No	No	No	No	No
Ia Magnitude	5212	Register	No	No	No	No	No	No	No	No	No	No
Ib Magnitude	5214	Register	No	No	No	No	No	No	No	No	No	No
Ic Magnitude	5216	Register	No	No	No	No	No	No	No	No	No	No
Ia Phase	5218	Register	No	No	No	No	No	No	No	No	No	No
Ib Phase	5220	Register	No	No	No	No	No	No	No	No	No	No
Ic Phase	5222	Register	No	No	No	No	No	No	No	No	No	No
Ia Peak	5224	Register	No	No	No	No	No	No	No	No	No	No
Ib Peak	5226	Register	No	No	No	No	No	No	No	No	No	No
Ic Peak	5228	Register	No	No	No	No	No	No	No	No	No	No
Ig Peak	5230	Register	No	No	No	No	No	No	No	No	No	No
Line Ia	5238	Register	No	No	No	No	No	No	No	No	No	No
Line Ib	5240	Register	No	No	No	No	No	No	No	No	No	No
Line Ic	5242	Register	No	No	No	No	No	No	No	No	No	No
Load Ia	5244	Register	No	No	No	No	No	No	No	No	No	No
Load Ib	5246	Register	No	No	No	No	No	No	No	No	No	No
Load Ic	5248	Register	No	No	No	No	No	No	No	No	No	No
Demand Current Peak	5264	Register	No	No	No	No	No	No	No	No	No	No
I(Negative Sequence) Phase	5266	Register	No	No	No	No	No	No	No	No	No	No
I(Positive Sequence) Phase	5268	Register	No	No	No	No	No	No	No	No	No	No
I(Zero Sequence) Phase	5270	Register	No	No	No	No	No	No	No	No	No	No
Demand Current Changes	5274	Register	No	No	No	No	No	No	No	No	No	No
Current Demand Window Period	5276	Register	No	No	No	No	No	No	No	No	No	No
3 Phase Current Demand Window	5278	Register	No	No	No	No	No	No	No	No	No	No
Per Phase Current Demand Window	5280	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand 3 Phase Current	5282	Register	No	No	No	No	No	No	No	No	No	No
Max Phase I During Start	5294	Register	No	No	No	No	No	No	No	No	No	No
Max Phase I While Running	5296	Register	No	No	No	No	No	No	No	No	No	No
I(R)	5302	Register	No	No	No	No	No	No	No	No	No	No
I(Residual) Magnitude	5304	Register	No	No	No	No	No	No	No	No	No	No
I(Residual) Phase	5306	Register	No	No	No	No	No	No	No	No	No	No
I(Fourth CT)	5308	Register	No	No	No	No	No	No	No	No	No	No
I(Fourth CT) Magnitude	5310	Register	No	No	No	No	No	No	No	No	No	No
I(Fourth CT) Phase	5312	Register	No	No	No	No	No	No	No	No	No	No
Min I(Fourth CT)	5314	Register	No	No	No	No	No	No	No	No	No	No
Min I(Residual)	5316	Register	No	No	No	No	No	No	No	No	No	No
Max I(Fourth CT)	5318	Register	No	No	No	No	No	No	No	No	No	No
Max I(Residual)	5320	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Current Rate 1 Time of use	5330	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Current Rate 2 Time of use	5332	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Current Rate 3 Time of use	5334	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Current Rate 4 Time of use	5336	Register	No	No	No	No	No	No	No	No	No	No
Phase Angle Ia	5338	Register	No	No	No	No	No	No	No	No	No	No
Phase Angle Ib	5340	Register	No	No	No	No	No	No	No	No	No	No
Phase Angle Ic	5342	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max Current)	5344	Register	No	No	No	No	No	No	No	No	No	No
Time Max Phase Unbalance	5347	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Ia	5350	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Ib	5353	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Ic	5356	Register	No	No	No	No	No	No	No	No	No	No
Ia Min Time	5359	Register	No	No	No	No	No	No	No	No	No	No
Ib Min Time	5362	Register	No	No	No	No	No	No	No	No	No	No
Ic Min Time	5365	Register	No	No	No	No	No	No	No	No	No	No
In Min Time	5368	Register	No	No	No	No	No	No	No	No	No	No
Ig Min Time	5371	Register	No	No	No	No	No	No	No	No	No	No
Ia Max Time	5374	Register	No	No	No	No	No	No	No	No	No	No
Ib Max Time	5377	Register	No	No	No	No	No	No	No	No	No	No
Ic Max Time	5380	Register	No	No	No	No	No	No	No	No	No	No
In Max Time	5383	Register	No	No	No	No	No	No	No	No	No	No
Ig Max Time	5386	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak 3 Phase Demand Current	5389	Register	No	No	No	No	No	No	No	No	No	No
Time of 3 Phase Demand Current Reset	5392	Register	No	No	No	No	No	No	No	No	No	No
Time of Last 3 Phase Current Demand Window	5395	Register	No	No	No	No	No	No	No	No	No	No
Time of Last 1 Phase Current Demand Window	5398	Register	No	No	No	No	No	No	No	No	No	No
Time of 1 Phase Demand Current Reset	5401	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Phase I During Start	5404	Register	No	No	No	No	No	No	No	No	No	No
Time Max Phase I While Running	5407	Register	No	No	No	No	No	No	No	No	No	No
Time of Min I(Fourth CT)	5410	Register	No	No	No	No	No	No	No	No	No	No
Time of Min I(Residual)	5413	Register	No	No	No	No	No	No	No	No	No	No
Time of Max I(Fourth CT)	5416	Register	No	No	No	No	No	No	No	No	No	No
Time of Max I(Residual)	5419	Register	No	No	No	No	No	No	No	No	No	No
3I0 Current Magnitude	5422	Register	No	No	No	No	No	No	No	No	No	No
3I0 Current Angle	5424	Register	No	No	No	No	No	No	No	No	No	No
I1 Current Magnitude	5426	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
I1 Current Angle	5428	Register	No	No	No	No	No	No	No	No	No	No
I2 Current Magnitude	5430	Register	No	No	No	No	No	No	No	No	No	No
I2 Current Angle	5432	Register	No	No	No	No	No	No	No	No	No	No
Secondary Ig	5434	Register	No	No	No	No	No	No	No	No	No	No
Secondary In	5436	Register	No	No	No	No	No	No	No	No	No	No
Iavg Min	5458	Register	No	No	No	No	No	No	No	No	No	No
Iavg Min Time	5594	Register	No	No	No	No	No	No	No	No	No	No
Iavg Max	5462	Register	No	No	No	No	No	No	No	No	No	No
Iavg Max Time	5597	Register	No	No	No	No	No	No	No	No	No	No
Demand Ia Peak Rate A	5466	Register	No	No	No	No	No	No	No	No	No	No
Demand Ib Peak Rate A	5468	Register	No	No	No	No	No	No	No	No	No	No
Demand Ic Peak Rate A	5470	Register	No	No	No	No	No	No	No	No	No	No
Demand In Peak Rate A	5472	Register	No	No	No	No	No	No	No	No	No	No
Demand Ia Peak Rate B	5474	Register	No	No	No	No	No	No	No	No	No	No
Demand Ib Peak Rate B	5476	Register	No	No	No	No	No	No	No	No	No	No
Demand Ic Peak Rate B	5478	Register	No	No	No	No	No	No	No	No	No	No
Demand In Peak Rate B	5480	Register	No	No	No	No	No	No	No	No	No	No
Demand Ia Peak Rate C	5482	Register	No	No	No	No	No	No	No	No	No	No
Demand Ib Peak Rate C	5484	Register	No	No	No	No	No	No	No	No	No	No
Demand Ic Peak Rate C	5486	Register	No	No	No	No	No	No	No	No	No	No
Demand In Peak Rate C	5488	Register	No	No	No	No	No	No	No	No	No	No
Demand Ia Peak Rate D	5490	Register	No	No	No	No	No	No	No	No	No	No
Demand Ib Peak Rate D	5492	Register	No	No	No	No	No	No	No	No	No	No
Demand Ic Peak Rate D	5494	Register	No	No	No	No	No	No	No	No	No	No
Demand In Peak Rate D	5496	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ia Rate A	5498	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ib Rate A	5501	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ic Rate A	5504	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand In Rate A	5507	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ia Rate B	5510	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ib Rate B	5513	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ic Rate B	5516	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand In Rate B	5519	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ia Rate C	5522	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ib Rate C	5525	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ic Rate C	5528	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand In Rate C	5531	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ia Rate D	5534	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ib Rate D	5537	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ic Rate D	5540	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand In Rate D	5543	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ia	5546	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ib	5549	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Ic	5552	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand In	5555	Register	No	No	No	No	No	No	No	No	No	No
Sensor Current	5558	Register	No	No	No	No	No	No	No	No	No	No
IoutGnd	5560	Register	No	No	No	No	No	No	No	No	No	No
IinN	5562	Register	No	No	No	No	No	No	No	No	No	No
IinGnd	5564	Register	No	No	No	No	No	No	No	No	No	No
IsecondaryInA	5566	Register	No	No	No	No	No	No	No	No	No	No
IsecondaryInB	5568	Register	No	No	No	No	No	No	No	No	No	No
IsecondaryInC	5570	Register	No	No	No	No	No	No	No	No	No	No
IsecondaryInN	5572	Register	No	No	No	No	No	No	No	No	No	No
IsecondaryInGnd	5574	Register	No	No	No	No	No	No	No	No	No	No
IbypassA	5576	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
IbypassB	5578	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
IbypassC	5580	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
IbypassN	5582	Register	No	No	Yes	Yes	No	No	No	No	No	No
IbypassGnd	5584	Register	No	No	No	No	No	No	No	No	No	No
Maximum Battery Charge Current	5586	Register	No	No	No	No	No	No	No	No	No	No
Maximum Battery Discharge Current	5588	Register	No	No	No	No	No	No	No	No	No	No
Total Input Current	5600	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Total Output Current	5602	Register	No	No	No	No	No	No	No	No	No	No
Total Bypass Current	5604	Register	No	No	No	No	No	No	No	No	No	No
Total Inverter Current	5606	Register	No	No	No	No	No	No	No	No	No	No
Input Current Available	5608	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase A Current Available	5610	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase B Current Available	5612	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase C Current Available	5614	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase A Current Available	5616	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase B Current Available	5618	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase C Current Available	5620	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Current Available	5622	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase A Current Available	5624	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase B Current Available	5626	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase C Current Available	5628	Register	No	No	Yes	Yes	No	No	No	No	No	No
Inverter Current Available	5630	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase A Current Available	5632	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase B Current Available	5634	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase C Current Available	5636	Register	No	No	No	No	No	No	No	No	No	No
IinverterA	5638	Register	No	No	No	No	No	No	No	No	No	No
IinverterB	5640	Register	No	No	No	No	No	No	No	No	No	No
IinverterC	5642	Register	No	No	No	No	No	No	No	No	No	No
IinverterN	5644	Register	No	No	No	No	No	No	No	No	No	No
PV String 1 Current	5646	Register	No	No	No	No	No	No	No	No	No	No
PV String 2 Current	5648	Register	No	No	No	No	No	No	No	No	No	No
Real Power Phase A	6000	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Real Power Phase B	6002	Register	No	No	No	No	No	No	No	No	No	No
Real Power Phase C	6004	Register	No	No	No	No	No	No	No	No	No	No
Real Power	6006	Register	No	No	No	No	No	No	No	No	No	No
Max Real Power Phase A	6008	Register	No	No	No	No	No	No	No	No	No	No
Max Real Power Phase B	6010	Register	No	No	No	No	No	No	No	No	No	No
Max Real Power Phase C	6012	Register	No	No	No	No	No	No	No	No	No	No
Max Real Power	6014	Register	No	No	No	No	No	No	No	No	No	No
Watts Out Phase A	6016	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Watts Out Phase B	6018	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Watts Out Phase C	6020	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No
Watts In	6022	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Watts Out	6024	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Watts Out ABC Limit	6026	Register	No	No	No	No	No	No	No	No	No	No
W A Interval Avg	6028	Register	No	No	No	No	No	No	No	No	No	No
W B Interval Avg	6030	Register	No	No	No	No	No	No	No	No	No	No
W C Interval Avg	6032	Register	No	No	No	No	No	No	No	No	No	No
W Total Interval Avg	6034	Register	No	No	No	No	No	No	No	No	No	No
W A Interval Min	6036	Register	No	No	No	No	No	No	No	No	No	No
W B Interval Min	6038	Register	No	No	No	No	No	No	No	No	No	No
W C Interval Min	6040	Register	No	No	No	No	No	No	No	No	No	No
W Total Interval Min	6042	Register	No	No	No	No	No	No	No	No	No	No
W A Interval Max	6044	Register	No	No	No	No	No	No	No	No	No	No
W B Interval Max	6046	Register	No	No	No	No	No	No	No	No	No	No
W C Interval Max	6048	Register	No	No	No	No	No	No	No	No	No	No
W Total Interval Max	6050	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Real Power Phase A	6052	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Real Power Phase B	6055	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Real Power Phase C	6058	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Real Power	6061	Register	No	No	No	No	No	No	No	No	No	No
Apparent Power Phase A	6064	Register	No	No	No	No	No	No	No	No	No	No
Apparent Power Phase B	6066	Register	No	No	No	No	No	No	No	No	No	No
Apparent Power Phase C	6068	Register	No	No	No	No	No	No	No	No	No	No
Apparent Power	6070	Register	No	No	No	No	No	No	No	No	No	No
Max Apparent Power Phase A	6072	Register	No	No	No	No	No	No	No	No	No	No
Max Apparent Power Phase B	6074	Register	No	No	No	No	No	No	No	No	No	No
Max Apparent Power Phase C	6076	Register	No	No	No	No	No	No	No	No	No	No
Max Apparent Power	6078	Register	No	No	No	No	No	No	No	No	No	No
Output VA Phase A	6080	Register	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Output VA Phase B	6082	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Output VA Phase C	6084	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
VA In	6086	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
VA Out	6088	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VA Out Limit	6090	Register	No	No	No	No	No	No	No	No	No	No
VA A Interval Avg	6092	Register	No	No	No	No	No	No	No	No	No	No
VA B Interval Avg	6094	Register	No	No	No	No	No	No	No	No	No	No
VA C Interval Avg	6096	Register	No	No	No	No	No	No	No	No	No	No
VA Total Interval Avg	6098	Register	No	No	No	No	No	No	No	No	No	No
VA A Interval Min	6100	Register	No	No	No	No	No	No	No	No	No	No
VA B Interval Min	6102	Register	No	No	No	No	No	No	No	No	No	No
VA C Interval Min	6104	Register	No	No	No	No	No	No	No	No	No	No
VA Total Interval Min	6106	Register	No	No	No	No	No	No	No	No	No	No
VA A Interval Max	6108	Register	No	No	No	No	No	No	No	No	No	No
VA B Interval Max	6110	Register	No	No	No	No	No	No	No	No	No	No
VA C Interval Max	6112	Register	No	No	No	No	No	No	No	No	No	No
VA Total Interval Max	6114	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Apparent Power Phase A	6116	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Apparent Power Phase B	6119	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Apparent Power Phase C	6122	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Apparent Power	6125	Register	No	No	No	No	No	No	No	No	No	No
Reactive Power Phase A	6128	Register	No	No	No	No	No	No	No	No	No	No
Reactive Power Phase B	6130	Register	No	No	No	No	No	No	No	No	No	No
Reactive Power Phase C	6132	Register	No	No	No	No	No	No	No	No	No	No
Reactive Power	6134	Register	No	No	No	No	No	No	No	No	No	No
Max Reactive Power Phase A	6136	Register	No	No	No	No	No	No	No	No	No	No
Max Reactive Power Phase B	6138	Register	No	No	No	No	No	No	No	No	No	No
Max Reactive Power Phase C	6140	Register	No	No	No	No	No	No	No	No	No	No
Max Reactive Power	6142	Register	No	No	No	No	No	No	No	No	No	No
Var A Interval Avg	6144	Register	No	No	No	No	No	No	No	No	No	No
Var B Interval Avg	6146	Register	No	No	No	No	No	No	No	No	No	No
Var C Interval Avg	6148	Register	No	No	No	No	No	No	No	No	No	No
Var Total Interval Avg	6150	Register	No	No	No	No	No	No	No	No	No	No
Var A Interval Min	6152	Register	No	No	No	No	No	No	No	No	No	No
Var B Interval Min	6154	Register	No	No	No	No	No	No	No	No	No	No
Var C Interval Min	6156	Register	No	No	No	No	No	No	No	No	No	No
Var Total Interval Min	6158	Register	No	No	No	No	No	No	No	No	No	No
Var A Interval Max	6160	Register	No	No	No	No	No	No	No	No	No	No
Var B Interval Max	6162	Register	No	No	No	No	No	No	No	No	No	No
Var C Interval Max	6164	Register	No	No	No	No	No	No	No	No	No	No
Var Total Interval Max	6166	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Reactive Power Phase A	6168	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Reactive Power Phase B	6171	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Reactive Power Phase C	6174	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Reactive Power	6177	Register	No	No	No	No	No	No	No	No	No	No
K-Factor	6180	Register	No	No	No	No	No	No	No	No	No	No
THD Factor	6182	Register	No	No	No	No	No	No	No	No	No	No
Percent Full Load	6184	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Percent Full Load A	6186	Register	Yes	No	Yes	Yes	No	No	No	No	Yes	Yes

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Percent Full Load B	6188	Register	No	No	Yes	Yes	No	No	No	No	Yes	Yes
Percent Full Load C	6190	Register	No	No	Yes	Yes	No	No	No	No	Yes	Yes
Percent Current Unbalance	6192	Register	No	No	No	No	No	No	No	No	No	No
Motor Torque Percent	6194	Register	No	No	No	No	No	No	No	No	No	No
Motor Power Percent	6196	Register	No	No	No	No	No	No	No	No	No	No
Percent Motor Thermal Capacity	6198	Register	No	No	No	No	No	No	No	No	No	No
Power Factor	6200	Register	No	No	No	No	No	No	No	No	No	No
Output PF	6202	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input PF	6204	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
PF Disp Phase A	6206	Register	No	No	No	No	No	No	No	No	No	No
PF Disp Phase B	6208	Register	No	No	No	No	No	No	No	No	No	No
PF Disp Phase C	6210	Register	No	No	No	No	No	No	No	No	No	No
PF App Phase A	6212	Register	No	No	No	No	No	No	No	No	No	No
PF App Phase B	6214	Register	No	No	No	No	No	No	No	No	No	No
PF App Phase C	6216	Register	No	No	No	No	No	No	No	No	No	No
PF Displacement	6218	Register	No	No	No	No	No	No	No	No	No	No
PF Apparent	6220	Register	No	No	No	No	No	No	No	No	No	No
Min Phase A PF (App)	6222	Register	No	No	No	No	No	No	No	No	No	No
Min Phase B PF (App)	6224	Register	No	No	No	No	No	No	No	No	No	No
Min Phase C PF (App)	6226	Register	No	No	No	No	No	No	No	No	No	No
Min System PF (App)	6228	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Phase A PF (App)	6230	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Phase B PF (App)	6232	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Phase C PF (App)	6236	Register	No	No	No	No	No	No	No	No	No	No
Time of Min System PF (App)	6239	Register	No	No	No	No	No	No	No	No	No	No
Max Phase A PF (App)	6242	Register	No	No	No	No	No	No	No	No	No	No
Max Phase B PF (App)	6244	Register	No	No	No	No	No	No	No	No	No	No
Max Phase C PF (App)	6246	Register	No	No	No	No	No	No	No	No	No	No
Max System PF (App)	6248	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Phase A PF (App)	6250	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Phase B PF (App)	6253	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Phase C PF (App)	6256	Register	No	No	No	No	No	No	No	No	No	No
Time of Max System PF (App)	6259	Register	No	No	No	No	No	No	No	No	No	No
Min Phase A PF (Disp)	6262	Register	No	No	No	No	No	No	No	No	No	No
Min Phase B PF (Disp)	6264	Register	No	No	No	No	No	No	No	No	No	No
Min Phase C PF (Disp)	6266	Register	No	No	No	No	No	No	No	No	No	No
Min System PF (Disp)	6268	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Phase A PF (Disp)	6270	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Phase B PF (Disp)	6273	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Phase C PF (Disp)	6276	Register	No	No	No	No	No	No	No	No	No	No
Time of Min System PF (Disp)	6279	Register	No	No	No	No	No	No	No	No	No	No
Max Phase A PF (Disp)	6282	Register	No	No	No	No	No	No	No	No	No	No
Max Phase B PF (Disp)	6284	Register	No	No	No	No	No	No	No	No	No	No
Max Phase C PF (Disp)	6286	Register	No	No	No	No	No	No	No	No	No	No
Max System PF (Disp)	6288	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Phase A PF (Disp)	6290	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Phase B PF (Disp)	6293	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Phase C PF (Disp)	6296	Register	No	No	No	No	No	No	No	No	No	No
Time of Max System PF (Disp)	6299	Register	No	No	No	No	No	No	No	No	No	No
PF Disp A Interval Avg	6302	Register	No	No	No	No	No	No	No	No	No	No
PF Disp B Interval Avg	6304	Register	No	No	No	No	No	No	No	No	No	No
PF Disp C Interval Avg	6306	Register	No	No	No	No	No	No	No	No	No	No
PF App A Interval Avg	6308	Register	No	No	No	No	No	No	No	No	No	No
PF App B Interval Avg	6310	Register	No	No	No	No	No	No	No	No	No	No
PF App C Interval Avg	6312	Register	No	No	No	No	No	No	No	No	No	No
PF Disp Total Interval Avg	6314	Register	No	No	No	No	No	No	No	No	No	No
PF App Total Interval Avg	6316	Register	No	No	No	No	No	No	No	No	No	No
PF Disp A Interval Min	6318	Register	No	No	No	No	No	No	No	No	No	No
PF Disp B Interval Min	6320	Register	No	No	No	No	No	No	No	No	No	No
PF Disp C Interval Min	6322	Register	No	No	No	No	No	No	No	No	No	No
PF App A Interval Min	6324	Register	No	No	No	No	No	No	No	No	No	No
PF App B Interval Min	6326	Register	No	No	No	No	No	No	No	No	No	No
PF App C Interval Min	6328	Register	No	No	No	No	No	No	No	No	No	No
PF Disp Total Interval Min	6330	Register	No	No	No	No	No	No	No	No	No	No
PF App Total Interval Min	6332	Register	No	No	No	No	No	No	No	No	No	No
PF Disp A Interval Max	6334	Register	No	No	No	No	No	No	No	No	No	No
PF Disp B Interval Max	6336	Register	No	No	No	No	No	No	No	No	No	No
PF Disp C Interval Max	6338	Register	No	No	No	No	No	No	No	No	No	No
PF App A Interval Max	6340	Register	No	No	No	No	No	No	No	No	No	No
PF App B Interval Max	6342	Register	No	No	No	No	No	No	No	No	No	No
PF App C Interval Max	6344	Register	No	No	No	No	No	No	No	No	No	No
PF Disp Total Interval Max	6346	Register	No	No	No	No	No	No	No	No	No	No
PF App Total Interval Max	6348	Register	No	No	No	No	No	No	No	No	No	No
Min Real Power Phase A	6350	Register	No	No	No	No	No	No	No	No	No	No
Min Real Power Phase B	6352	Register	No	No	No	No	No	No	No	No	No	No
Min Real Power Phase C	6354	Register	No	No	No	No	No	No	No	No	No	No
Min Real Power	6356	Register	No	No	No	No	No	No	No	No	No	No
Min Apparent Power Phase A	6358	Register	No	No	No	No	No	No	No	No	No	No
Min Apparent Power Phase B	6360	Register	No	No	No	No	No	No	No	No	No	No
Min Apparent Power Phase C	6362	Register	No	No	No	No	No	No	No	No	No	No
Min Apparent Power	6364	Register	No	No	No	No	No	No	No	No	No	No
DC Power	6382	Register	No	No	No	No	No	No	No	No	No	No
Apparent Power Demand Peak	6384	Register	No	No	No	No	No	No	No	No	No	No
5-Minute Average of Power	6396	Register	No	No	No	No	No	No	No	No	No	No
Real Power Peak	6398	Register	No	No	No	No	No	No	No	No	No	No
Real Power System Watts	6404	Register	No	No	No	No	No	No	No	No	No	No
System Real Power Demand	6406	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
System Negative Peak Real Power Demand	6408	Register	No	No	No	No	No	No	No	No	No	No
System Positive Peak Real Power Demand	6410	Register	No	No	No	No	No	No	No	No	No	No
Reactive Power Demand Peak	6416	Register	No	No	No	No	No	No	No	No	No	No
Min Reactive Power	6420	Register	No	No	No	No	No	No	No	No	No	No
Min Reactive Power Phase A	6422	Register	No	No	No	No	No	No	No	No	No	No
Min Reactive Power Phase B	6424	Register	No	No	No	No	No	No	No	No	No	No
Min Reactive Power Phase C	6426	Register	No	No	No	No	No	No	No	No	No	No
Peak Real Power Demand Rate 1 Time of use	6436	Register	No	No	No	No	No	No	No	No	No	No
Peak Real Power Demand Rate 2 Time of use	6438	Register	No	No	No	No	No	No	No	No	No	No
Peak Real Power Demand Rate 3 Time of use	6440	Register	No	No	No	No	No	No	No	No	No	No
Peak Real Power Demand Rate 4 Time of use	6442	Register	No	No	No	No	No	No	No	No	No	No
Peak Apparent Power Demand Rate 1 Time of use	6444	Register	No	No	No	No	No	No	No	No	No	No
Peak Apparent Power Demand Rate 2 Time of use	6446	Register	No	No	No	No	No	No	No	No	No	No
Peak Apparent Power Demand Rate 3 Time of use	6448	Register	No	No	No	No	No	No	No	No	No	No
Peak Apparent Power Demand Rate 4 Time of use	6450	Register	No	No	No	No	No	No	No	No	No	No
Peak Reactive Pwr Demand Rate 1 Time of use	6452	Register	No	No	No	No	No	No	No	No	No	No
Peak Reactive Pwr Demand Rate 2 Time of use	6454	Register	No	No	No	No	No	No	No	No	No	No
Peak Reactive Pwr Demand Rate 3 Time of use	6456	Register	No	No	No	No	No	No	No	No	No	No
Peak Reactive Pwr Demand Rate 4 Time of use	6458	Register	No	No	No	No	No	No	No	No	No	No
Max Demand Positive PF	6460	Register	No	No	No	No	No	No	No	No	No	No
Max Demand Negative PF	6462	Register	No	No	No	No	No	No	No	No	No	No
Min Demand Positive PF	6464	Register	No	No	No	No	No	No	No	No	No	No
Min Demand Negative PF	6466	Register	No	No	No	No	No	No	No	No	No	No
Avg Positive PF	6468	Register	No	No	No	No	No	No	No	No	No	No
Avg Negative PF	6470	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Real Power	6472	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Real Power Phase A	6475	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Real Power Phase B	6478	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Real Power Phase C	6481	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Apparent Power	6484	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Apparent Power Phase A	6487	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Apparent Power Phase B	6490	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Apparent Power Phase C	6493	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Reactive Power	6496	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Reactive Power Phase A	6499	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Reactive Power Phase B	6502	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Reactive Power Phase C	6505	Register	No	No	No	No	No	No	No	No	No	No
Reactive Power System VARs	6508	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Real Phase Power)	6510	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Reactive Phase Power)	6513	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Reactive Power)	6516	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max Power)	6519	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max PF App)	6522	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max PF Disp)	6525	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Real Power	6528	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Real Power Demand	6531	Register	No	No	No	No	No	No	No	No	No	No
Time System Negative Peak Real Power Demand	6534	Register	No	No	No	No	No	No	No	No	No	No
Time System Positive Peak Real Power Demand	6537	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Reactive Power Demand	6540	Register	No	No	No	No	No	No	No	No	No	No
Watts In Phase A	6543	Register	No	No	Yes	Yes	No	No	No	No	No	No
Watts In Phase B	6545	Register	No	No	Yes	Yes	No	No	No	No	No	No
Watts In Phase C	6547	Register	No	No	Yes	Yes	No	No	No	No	No	No
Watts Secondary In Phase A	6549	Register	No	No	No	No	No	No	No	No	No	No
Watts Secondary In Phase B	6551	Register	No	No	No	No	No	No	No	No	No	No
Watts Secondary In Phase C	6553	Register	No	No	No	No	No	No	No	No	No	No
Watts Secondary In	6555	Register	No	No	No	No	No	No	No	No	No	No
VA Secondary In	6557	Register	No	No	No	No	No	No	No	No	No	No
Watts Bypass Phase A	6559	Register	No	No	Yes	Yes	No	No	No	No	No	No
Watts Bypass Phase B	6561	Register	No	No	Yes	Yes	No	No	No	No	No	No
Watts Bypass Phase C	6563	Register	No	No	Yes	Yes	No	No	No	No	No	No
Total Bypass Watts	6565	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Total Bypass VA	6567	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
PF App Phase A Alternate Sign	6569	Register	No	No	No	No	No	No	No	No	No	No
PF App Phase B Alternate Sign	6571	Register	No	No	No	No	No	No	No	No	No	No
PF App Phase C Alternate Sign	6573	Register	No	No	No	No	No	No	No	No	No	No
PF Apparent Alternate Sign	6575	Register	No	No	No	No	No	No	No	No	No	No
Output Peak Watts	6577	Register	No	No	No	No	No	No	No	No	No	No
Time of Output Peak Watts	6579	Register	No	No	No	No	No	No	No	No	No	No
Headroom Watts	6582	Register	No	No	No	No	No	No	No	No	No	No
Minimum Headroom Watts	6584	Register	No	No	No	No	No	No	No	No	No	No
Time of Minimum Headroom Watts	6586	Register	No	No	No	No	No	No	No	No	No	No
Bypass PF	6589	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Input Phase A PF	6591	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase B PF	6593	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase C PF	6595	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase A PF	6597	Register	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Output Phase B PF	6599	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Output Phase C PF	6601	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Bypass Phase A PF	6603	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase B PF	6605	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase C PF	6607	Register	No	No	Yes	Yes	No	No	No	No	No	No
Inverter PF	6609	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase A PF	6611	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase B PF	6613	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase C PF	6615	Register	No	No	No	No	No	No	No	No	No	No
Input VA Available	6617	Register	No	No	No	No	No	No	No	No	No	No
Input Phase A VA Available	6619	Register	No	No	Yes	Yes	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Input Phase B VA Available	6621	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase C VA Available	6623	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input VA Phase A	6625	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input VA Phase B	6627	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input VA Phase C	6629	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Watts Available	6631	Register	No	No	No	No	No	No	No	No	No	No
Input Phase A Watts Available	6633	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase B Watts Available	6635	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input Phase C Watts Available	6637	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase A VA Available	6639	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase B VA Available	6641	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase C VA Available	6643	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase A Watts Available	6645	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase B Watts Available	6647	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Phase C Watts Available	6649	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass VA Available	6651	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase A VA Available	6653	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase B VA Available	6655	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase C VA Available	6657	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass VA Phase A	6659	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass VA Phase B	6661	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass VA Phase C	6663	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Watts Available	6665	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase A Watts Available	6667	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase B Watts Available	6669	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass Phase C Watts Available	6671	Register	No	No	Yes	Yes	No	No	No	No	No	No
Inverter VA Available	6673	Register	No	No	No	No	No	No	No	No	No	No
Total Inverter VA	6675	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase A VA Available	6677	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase B VA Available	6679	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase C VA Available	6681	Register	No	No	No	No	No	No	No	No	No	No
Inverter VA Phase A	6683	Register	No	No	No	No	No	No	No	No	No	No
Inverter VA Phase B	6685	Register	No	No	No	No	No	No	No	No	No	No
Inverter VA Phase C	6687	Register	No	No	No	No	No	No	No	No	No	No
Inverter Watts Available	6689	Register	No	No	No	No	No	No	No	No	No	No
Total Inverter Watts	6691	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase A Watts Available	6693	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase B Watts Available	6695	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase C Watts Available	6697	Register	No	No	No	No	No	No	No	No	No	No
Watts Inverter Phase A	6699	Register	No	No	No	No	No	No	No	No	No	No
Watts Inverter Phase B	6701	Register	No	No	No	No	No	No	No	No	No	No
Watts Inverter Phase C	6703	Register	No	No	No	No	No	No	No	No	No	No
Forward Real Energy	7004	Register	No	No	No	No	No	No	No	No	No	No
Reverse Real Energy	7006	Register	No	No	No	No	No	No	No	No	No	No
Total Real Energy	7679	Register	No	No	No	No	No	No	No	No	No	No
Net Real Energy	7008	Register	No	No	No	No	No	No	No	No	No	No
Forward Real Energy Phase A	7900	Register	No	No	No	No	No	No	No	No	No	No
Forward Real Energy Phase B	7902	Register	No	No	No	No	No	No	No	No	No	No
Forward Real Energy Phase C	7904	Register	No	No	No	No	No	No	No	No	No	No
Reverse Real Energy Phase A	7906	Register	No	No	No	No	No	No	No	No	No	No
Reverse Real Energy Phase B	7908	Register	No	No	No	No	No	No	No	No	No	No
Reverse Real Energy Phase C	7910	Register	No	No	No	No	No	No	No	No	No	No
Real Energy	7630	Register	No	No	No	No	No	No	No	No	No	No
Apparent Energy	7016	Register	No	No	No	No	No	No	No	No	No	No
Forward Apparent Energy	7912	Register	No	No	No	No	No	No	No	No	No	No
Reverse Apparent Energy	7914	Register	No	No	No	No	No	No	No	No	No	No
Forward Apparent Energy Phase A	7916	Register	No	No	No	No	No	No	No	No	No	No
Forward Apparent Energy Phase B	7918	Register	No	No	No	No	No	No	No	No	No	No
Forward Apparent Energy Phase C	7920	Register	No	No	No	No	No	No	No	No	No	No
Reverse Apparent Energy Phase A	7922	Register	No	No	No	No	No	No	No	No	No	No
Reverse Apparent Energy Phase B	7924	Register	No	No	No	No	No	No	No	No	No	No
Reverse Apparent Energy Phase C	7926	Register	No	No	No	No	No	No	No	No	No	No
Leading Reactive Energy	7010	Register	No	No	No	No	No	No	No	No	No	No
Lagging Reactive Energy	7012	Register	No	No	No	No	No	No	No	No	No	No
Total Reactive Energy	7628	Register	No	No	No	No	No	No	No	No	No	No
Net Reactive Energy	7014	Register	No	No	No	No	No	No	No	No	No	No
Reactive Energy Delivered	7875	Register	No	No	No	No	No	No	No	No	No	No
Reactive Energy Received	7877	Register	No	No	No	No	No	No	No	No	No	No
Q1 Reactive Energy	7928	Register	No	No	No	No	No	No	No	No	No	No
Q2 Reactive Energy	7930	Register	No	No	No	No	No	No	No	No	No	No
Q3 Reactive Energy	7932	Register	No	No	No	No	No	No	No	No	No	No
Q4 Reactive Energy	7934	Register	No	No	No	No	No	No	No	No	No	No
Q1 Reactive Energy Phase A	7936	Register	No	No	No	No	No	No	No	No	No	No
Q1 Reactive Energy Phase B	7938	Register	No	No	No	No	No	No	No	No	No	No
Q1 Reactive Energy Phase C	7940	Register	No	No	No	No	No	No	No	No	No	No
Q2 Reactive Energy Phase A	7942	Register	No	No	No	No	No	No	No	No	No	No
Q2 Reactive Energy Phase B	7944	Register	No	No	No	No	No	No	No	No	No	No
Q2 Reactive Energy Phase C	7946	Register	No	No	No	No	No	No	No	No	No	No
Q3 Reactive Energy Phase A	7948	Register	No	No	No	No	No	No	No	No	No	No
Q3 Reactive Energy Phase B	7950	Register	No	No	No	No	No	No	No	No	No	No
Q3 Reactive Energy Phase C	7952	Register	No	No	No	No	No	No	No	No	No	No
Q4 Reactive Energy Phase A	7954	Register	No	No	No	No	No	No	No	No	No	No
Q4 Reactive Energy Phase B	7956	Register	No	No	No	No	No	No	No	No	No	No
Q4 Reactive Energy Phase C	7958	Register	No	No	No	No	No	No	No	No	No	No
Demand Watts	7023	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Watts	7040	Register	No	No	No	No	No	No	No	No	No	No
Time Peak Demand Watts	7042	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Demand VARs	7029	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VARs	7045	Register	No	No	No	No	No	No	No	No	No	No
Time Peak Demand VARs	7047	Register	No	No	No	No	No	No	No	No	No	No
Demand VAs	7387	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs	7389	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Time	7391	Register	No	No	No	No	No	No	No	No	No	No
Demand VAs	7035	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs	7050	Register	No	No	No	No	No	No	No	No	No	No
Time Peak Demand VAs	7052	Register	No	No	No	No	No	No	No	No	No	No
Demand Forward Watts	7220	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts	7222	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Time	7224	Register	No	No	No	No	No	No	No	No	No	No
Demand Reverse Watts	7262	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts	7264	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Time	7266	Register	No	No	No	No	No	No	No	No	No	No
Demand Lagging VARs	7303	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs	7305	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Time	7307	Register	No	No	No	No	No	No	No	No	No	No
Demand Leading VARs	7345	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs	7347	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Time	7349	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward VARs	7960	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse VARs	7962	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward VAs	7964	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse VAs	7966	Register	No	No	No	No	No	No	No	No	No	No
Demand Sum Watts	7025	Register	No	No	No	No	No	No	No	No	No	No
Demand Net Watts	7027	Register	No	No	No	No	No	No	No	No	No	No
Demand Sum VARs	7031	Register	No	No	No	No	No	No	No	No	No	No
Demand Net VARs	7033	Register	No	No	No	No	No	No	No	No	No	No
Time of Energy Reset	7018	Register	No	No	No	No	No	No	No	No	No	No
Power Demand Window	7021	Register	No	No	No	No	No	No	No	No	No	No
Time Last Demand Window	7037	Register	No	No	No	No	No	No	No	No	No	No
Forward Energy Rate A	7055	Register	No	No	No	No	No	No	No	No	No	No
Forward Energy Rate B	7057	Register	No	No	No	No	No	No	No	No	No	No
Forward Energy Rate C	7059	Register	No	No	No	No	No	No	No	No	No	No
Forward Energy Rate D	7061	Register	No	No	No	No	No	No	No	No	No	No
Forward Energy Rate RTP	7063	Register	No	No	No	No	No	No	No	No	No	No
Reverse Energy Rate A	7065	Register	No	No	No	No	No	No	No	No	No	No
Reverse Energy Rate B	7067	Register	No	No	No	No	No	No	No	No	No	No
Reverse Energy Rate C	7069	Register	No	No	No	No	No	No	No	No	No	No
Reverse Energy Rate D	7071	Register	No	No	No	No	No	No	No	No	No	No
Reverse Energy Rate RTP	7073	Register	No	No	No	No	No	No	No	No	No	No
Lagging varh Rate A	7075	Register	No	No	No	No	No	No	No	No	No	No
Lagging varh Rate B	7077	Register	No	No	No	No	No	No	No	No	No	No
Lagging varh Rate C	7079	Register	No	No	No	No	No	No	No	No	No	No
Lagging varh Rate D	7081	Register	No	No	No	No	No	No	No	No	No	No
Lagging varh Rate RTP	7083	Register	No	No	No	No	No	No	No	No	No	No
Leading varh Rate A	7085	Register	No	No	No	No	No	No	No	No	No	No
Leading varh Rate B	7087	Register	No	No	No	No	No	No	No	No	No	No
Leading varh Rate C	7089	Register	No	No	No	No	No	No	No	No	No	No
Leading varh Rate D	7091	Register	No	No	No	No	No	No	No	No	No	No
Leading varh Rate RTP	7093	Register	No	No	No	No	No	No	No	No	No	No
Vah Rate A	7095	Register	No	No	No	No	No	No	No	No	No	No
Vah Rate B	7097	Register	No	No	No	No	No	No	No	No	No	No
Vah Rate C	7099	Register	No	No	No	No	No	No	No	No	No	No
Vah Rate D	7101	Register	No	No	No	No	No	No	No	No	No	No
Vah Rate RTP	7103	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Forward Energy Rate A	7105	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Forward Energy Rate B	7107	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Forward Energy Rate C	7109	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Forward Energy Rate D	7111	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Forward Energy Rate RTP	7113	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Forward Energy	7115	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Reverse Energy Rate A	7117	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Reverse Energy Rate B	7119	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Reverse Energy Rate C	7121	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Reverse Energy Rate D	7123	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Reverse Energy Rate RTP	7125	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Reverse Energy	7127	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Lagging varh Rate A	7129	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Lagging varh Rate B	7131	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Lagging varh Rate C	7133	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Lagging varh Rate D	7135	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Lagging varh Rate RTP	7137	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Lagging varh	7139	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Leading varh Rate A	7141	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Leading varh Rate B	7143	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Leading varh Rate C	7145	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Leading varh Rate D	7147	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Leading varh Rate RTP	7149	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Leading varh	7151	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Vah Rate A	7153	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Vah Rate B	7155	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Vah Rate C	7157	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Vah Rate D	7159	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Vah Rate RTP	7161	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Vah	7163	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Demand Type	7165	Register	No	No	No	No	No	No	No	No	No	No
Demand Interval	7166	Register	No	No	No	No	No	No	No	No	No	No
Demand Subinterval	7168	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Forward Watts	7170	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Reverse Watts	7172	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Lagging VARs	7174	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Leading VARs	7176	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand VAs	7178	Register	No	No	No	No	No	No	No	No	No	No
Demand Reset Time	7180	Register	No	No	No	No	No	No	No	No	No	No
Current Rate	7183	Register	No	No	No	No	No	No	No	No	No	No
Demand Forward Watts Rate A	7185	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate A	7187	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate A Time	7189	Register	No	No	No	No	No	No	No	No	No	No
Demand Forward Watts Rate B	7192	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate B	7194	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate B Time	7196	Register	No	No	No	No	No	No	No	No	No	No
Demand Forward Watts Rate C	7199	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate C	7201	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate C Time	7203	Register	No	No	No	No	No	No	No	No	No	No
Demand Forward Watts Rate D	7206	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate D	7208	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate D Time	7210	Register	No	No	No	No	No	No	No	No	No	No
Demand Forward Watts Rate RTP	7213	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate RTP	7215	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Forward Watts Rate RTP Time	7217	Register	No	No	No	No	No	No	No	No	No	No
Demand Reverse Watts Rate A	7227	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate A	7229	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate A Time	7231	Register	No	No	No	No	No	No	No	No	No	No
Demand Reverse Watts Rate B	7234	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate B	7236	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate B Time	7238	Register	No	No	No	No	No	No	No	No	No	No
Demand Reverse Watts Rate C	7241	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate C	7243	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate C Time	7245	Register	No	No	No	No	No	No	No	No	No	No
Demand Reverse Watts Rate D	7248	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate D	7250	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate D Time	7252	Register	No	No	No	No	No	No	No	No	No	No
Demand Reverse Watts Rate RTP	7255	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate RTP	7257	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Reverse Watts Rate RTP Time	7259	Register	No	No	No	No	No	No	No	No	No	No
Demand Lagging VARs Rate A	7269	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate A	7271	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate A Time	7273	Register	No	No	No	No	No	No	No	No	No	No
Demand Lagging VARs Rate B	7276	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate B	7278	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate B Time	7280	Register	No	No	No	No	No	No	No	No	No	No
Demand Lagging VARs Rate C	7282	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate C	7284	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate C Time	7286	Register	No	No	No	No	No	No	No	No	No	No
Demand Lagging VARs Rate D	7289	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate D	7291	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate D Time	7293	Register	No	No	No	No	No	No	No	No	No	No
Demand Lagging VARs Rate RTP	7296	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate RTP	7298	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Lagging VARs Rate RTP Time	7300	Register	No	No	No	No	No	No	No	No	No	No
Demand Leading VARs Rate A	7310	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate A	7312	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate A Time	7314	Register	No	No	No	No	No	No	No	No	No	No
Demand Leading VARs Rate B	7317	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate B	7319	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate B Time	7321	Register	No	No	No	No	No	No	No	No	No	No
Demand Leading VARs Rate C	7324	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate C	7326	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate C Time	7328	Register	No	No	No	No	No	No	No	No	No	No
Demand Leading VARs Rate D	7331	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate D	7333	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate D Time	7335	Register	No	No	No	No	No	No	No	No	No	No
Demand Leading VARs Rate RTP	7338	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate RTP	7340	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Leading VARs Rate RTP Time	7342	Register	No	No	No	No	No	No	No	No	No	No
Demand VAs Rate A	7352	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate A	7354	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate A Time	7356	Register	No	No	No	No	No	No	No	No	No	No
Demand VAs Rate B	7359	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate B	7361	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate B Time	7363	Register	No	No	No	No	No	No	No	No	No	No
Demand VAs Rate C	7366	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate C	7368	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate C Time	7370	Register	No	No	No	No	No	No	No	No	No	No
Demand VAs Rate D	7373	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate D	7375	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate D Time	7377	Register	No	No	No	No	No	No	No	No	No	No
Demand VAs Rate RTP	7380	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate RTP	7382	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand VAs Rate RTP Time	7384	Register	No	No	No	No	No	No	No	No	No	No
Demand Amps Avg Rate A	7394	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate A	7396	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Peak Demand Amps Avg Rate A Time	7398	Register	No	No	No	No	No	No	No	No	No	No
Demand Amps Avg Rate B	7401	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate B	7403	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate B Time	7405	Register	No	No	No	No	No	No	No	No	No	No
Demand Amps Avg Rate C	7408	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate C	7410	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate C Time	7412	Register	No	No	No	No	No	No	No	No	No	No
Demand Amps Avg Rate D	7415	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate D	7417	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate D Time	7419	Register	No	No	No	No	No	No	No	No	No	No
Demand Amps Avg Rate RTP	7422	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate RTP	7424	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Rate A Time	7426	Register	No	No	No	No	No	No	No	No	No	No
Demand Current (3 Phase Avg)	7429	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg	7431	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Amps Avg Time	7433	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate A	7436	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate A Time	7438	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate B	7441	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate B Time	7443	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate C	7446	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate C Time	7448	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate D	7451	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate D Time	7453	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate RTP	7456	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Rate RTP Time	7458	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts	7461	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Forward Watts Time	7463	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate A	7466	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate A Time	7468	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate B	7471	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate B Time	7473	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate C	7476	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate C Time	7478	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate D	7481	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate D Time	7483	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate RTP	7486	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Rate RTP Time	7488	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts	7491	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Reverse Watts Time	7493	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate A	7496	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate A Time	7498	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate B	7501	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate B Time	7503	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate C	7506	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate C Time	7508	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate D	7511	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate D Time	7513	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate RTP	7516	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Rate RTP Time	7518	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs	7521	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Lagging VARs Time	7523	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate A	7526	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate A Time	7528	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate B	7531	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate B Time	7533	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate C	7536	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate C Time	7538	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate D	7541	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate D Time	7543	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate RTP	7546	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Rate RTP Time	7548	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs	7551	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Leading VARs Time	7553	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate A	7556	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate A Time	7558	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate B	7561	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate B Time	7563	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate C	7566	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate C Time	7568	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate D	7571	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate D Time	7573	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate RTP	7576	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Rate RTP Time	7578	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs	7581	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand VAs Time	7583	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate A	7586	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate A Time	7588	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate B	7591	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate B Time	7593	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate C	7596	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate C Time	7598	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate D	7601	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate D Time	7603	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate RTP	7606	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg Rate A Time	7608	Register	No	No	No	No	No	No	No	No	No	No
Last Reset Peak Demand Amps Avg	7611	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Last Reset Peak Demand Amps Avg Time	7613	Register	No	No	No	No	No	No	No	No	No	No
Number of Demand Resets	7616	Register	No	No	No	No	No	No	No	No	No	No
Number of Energy Resets	7893	Register	No	No	No	No	No	No	No	No	No	No
KW Hours	7618	Register	No	No	No	No	No	No	No	No	No	No
Monthly KW Hours	7620	Register	No	No	No	No	No	No	No	No	No	No
Yearly KW Hours	7622	Register	No	No	No	No	No	No	No	No	No	No
Watt Seconds	7624	Register	No	No	No	No	No	No	No	No	No	No
Monthly Watt Seconds	7626	Register	No	No	No	No	No	No	No	No	No	No
Power Demand Window Period	7632	Register	No	No	No	No	No	No	No	No	No	No
Present Value BTU	7634	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Min Max Reset BTU	7636	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Reset BTU	7879	Register	No	No	No	No	No	No	No	No	No	No
System Demand Last Reset Time	7641	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Rollover BTU	7882	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Power Demand Window	7646	Register	No	No	No	No	No	No	No	No	No	No
Load Is Energized	7649	Register	No	No	No	No	No	No	No	No	No	No
Load Energized Hour	7651	Register	No	No	No	No	No	No	No	No	No	No
Load Energized Minute	7653	Register	No	No	No	No	No	No	No	No	No	No
VAhours Rate 1 Time of use	7655	Register	No	No	No	No	No	No	No	No	No	No
VAhours Rate 2 Time of use	7657	Register	No	No	No	No	No	No	No	No	No	No
VAhours Rate 3 Time of use	7659	Register	No	No	No	No	No	No	No	No	No	No
VAhours Rate 4 Time of use	7661	Register	No	No	No	No	No	No	No	No	No	No
Varhours Rate 1 Time of use	7663	Register	No	No	No	No	No	No	No	No	No	No
Varhours Rate 2 Time of use	7665	Register	No	No	No	No	No	No	No	No	No	No
Varhours Rate 3 Time of use	7667	Register	No	No	No	No	No	No	No	No	No	No
Varhours Rate 4 Time of use	7669	Register	No	No	No	No	No	No	No	No	No	No
Watthours Rate 1 Time of use	7671	Register	No	No	No	No	No	No	No	No	No	No
Watthours Rate 2 Time of use	7673	Register	No	No	No	No	No	No	No	No	No	No
Watthours Rate 3 Time of use	7675	Register	No	No	No	No	No	No	No	No	No	No
Watthours Rate 4 Time of use	7677	Register	No	No	No	No	No	No	No	No	No	No
Battery Capacity Remaining	7000	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input KW Hours	7681	Register	No	No	No	No	No	No	No	No	No	No
Output KW Hours	7002	Register	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes
Peak Demand Sum Watts	7683	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum Watts	7685	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net Watts	7688	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net Watts	7690	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum VARs	7693	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum VARs	7695	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net VARs	7698	Register	No	No	No	No	No	No	No	No	No	No
Time Peak Demand Net VARs	7700	Register	No	No	No	No	No	No	No	No	No	No
Sum Real Energy	7703	Register	No	No	No	No	No	No	No	No	No	No
Sum Reactive Energy	7705	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Sum Watts	7707	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Sum VARs	7709	Register	No	No	No	No	No	No	No	No	No	No
Net Real Energy Rate A	7711	Register	No	No	No	No	No	No	No	No	No	No
Net Real Energy Rate B	7713	Register	No	No	No	No	No	No	No	No	No	No
Net Real Energy Rate C	7715	Register	No	No	No	No	No	No	No	No	No	No
Net Real Energy Rate D	7717	Register	No	No	No	No	No	No	No	No	No	No
Sum Real Energy Rate A	7719	Register	No	No	No	No	No	No	No	No	No	No
Sum Real Energy Rate B	7721	Register	No	No	No	No	No	No	No	No	No	No
Sum Real Energy Rate C	7723	Register	No	No	No	No	No	No	No	No	No	No
Sum Real Energy Rate D	7725	Register	No	No	No	No	No	No	No	No	No	No
Net Reactive Energy Rate A	7727	Register	No	No	No	No	No	No	No	No	No	No
Net Reactive Energy Rate B	7729	Register	No	No	No	No	No	No	No	No	No	No
Net Reactive Energy Rate C	7731	Register	No	No	No	No	No	No	No	No	No	No
Net Reactive Energy Rate D	7733	Register	No	No	No	No	No	No	No	No	No	No
Sum Reactive Energy Rate A	7735	Register	No	No	No	No	No	No	No	No	No	No
Sum Reactive Energy Rate B	7737	Register	No	No	No	No	No	No	No	No	No	No
Sum Reactive Energy Rate C	7739	Register	No	No	No	No	No	No	No	No	No	No
Sum Reactive Energy Rate D	7741	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net Watts Rate A	7743	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net Watts Rate A	7745	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net Watts Rate B	7748	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net Watts Rate B	7750	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net Watts Rate C	7753	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net Watts Rate C	7755	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net Watts Rate D	7758	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net Watts Rate D	7760	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum Watts Rate A	7763	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum Watts Rate A	7765	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum Watts Rate B	7768	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum Watts Rate B	7770	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum Watts Rate C	7773	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum Watts Rate C	7775	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum Watts Rate D	7778	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum Watts Rate D	7780	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net VARs Rate A	7783	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net VARs Rate A	7785	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net VARs Rate B	7788	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net VARs Rate B	7790	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net VARs Rate C	7793	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net VARs Rate C	7795	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Net VARs Rate D	7798	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Net VARs Rate D	7800	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum VARs Rate A	7803	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum VARs Rate A	7805	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Peak Demand Sum VARs Rate B	7808	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum VARs Rate B	7810	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum VARs Rate C	7813	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum VARs Rate C	7815	Register	No	No	No	No	No	No	No	No	No	No
Peak Demand Sum VARs Rate D	7818	Register	No	No	No	No	No	No	No	No	No	No
Time of Peak Demand Sum VARs Rate D	7820	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Forward Watts Rate A	7823	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Forward Watts Rate B	7825	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Forward Watts Rate C	7827	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Forward Watts Rate D	7829	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Forward Watts	7831	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Reverse Watts Rate A	7833	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Reverse Watts Rate B	7835	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Reverse Watts Rate C	7837	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Reverse Watts Rate D	7839	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Reverse Watts	7841	Register	No	No	No	No	No	No	No	No	No	No
Demand Energy	7843	Register	No	No	No	No	No	No	No	No	No	No
Input Demand Energy	7845	Register	No	No	No	No	No	No	No	No	No	No
Output Demand Energy	7847	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand VA	7849	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Leading Vars	7851	Register	No	No	No	No	No	No	No	No	No	No
Power Factor at Peak Demand Lagging Vars	7853	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Net Watts	7855	Register	No	No	No	No	No	No	No	No	No	No
Interval Demand Net VARs	7857	Register	No	No	No	No	No	No	No	No	No	No
Input Monthly KW Hours	7859	Register	No	No	No	No	No	No	No	No	No	No
Input Yearly KW Hours	7861	Register	No	No	No	No	No	No	No	No	No	No
Input percent of rated load	7863	Register	No	No	No	No	No	No	No	No	No	No
Output Monthly KW Hours	7865	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Yearly KW Hours	7867	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output percent of rated load	7869	Register	No	No	No	No	No	No	No	No	No	No
Input Demand KW	7871	Register	No	No	No	No	No	No	No	No	No	No
Output Demand KW	7873	Register	No	No	No	No	No	No	No	No	No	No
Input 1 Demand KW	7885	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Demand KW	7887	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Demand KW	7889	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Demand KW	7891	Register	No	No	No	No	No	No	No	No	No	No
Energy per Pulse Output	7895	Register	No	No	No	No	No	No	No	No	No	No
Energy Pulse Contact Closure Duration	7897	Register	No	No	No	No	No	No	No	No	No	No
Average Efficiency	7899	Register	No	No	Yes	Yes	No	No	No	No	No	No
Output Daily KW Hours	7968	Register	No	No	Yes	Yes	No	No	No	No	No	No
Bypass KW Hours	7970	Register	No	No	No	No	No	No	No	No	No	No
Inverter KW Hours	7972	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Vab	8148	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Vbc	8150	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Vca	8152	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Van	8154	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Vbn	8156	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Vcn	8158	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab Percent THD	8160	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc Percent THD	8162	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca Percent THD	8164	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Ia	9436	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Ib	9438	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Ic	9440	Register	No	No	No	No	No	No	No	No	No	No
Percent THD In	9442	Register	No	No	No	No	No	No	No	No	No	No
Percent THD Ig	9444	Register	No	No	No	No	No	No	No	No	No	No
Ia Harmonic	8000	Register	No	No	No	No	No	No	No	No	No	No
Ib Harmonic	8002	Register	No	No	No	No	No	No	No	No	No	No
Ic Harmonic	8004	Register	No	No	No	No	No	No	No	No	No	No
In Harmonic	8006	Register	No	No	No	No	No	No	No	No	No	No
Iain Harmonic	8008	Register	No	No	No	No	No	No	No	No	No	No
Ibin Harmonic	8010	Register	No	No	No	No	No	No	No	No	No	No
Icin Harmonic	8012	Register	No	No	No	No	No	No	No	No	No	No
Iaout Harmonic	8014	Register	No	No	No	No	No	No	No	No	No	No
Ibout Harmonic	8016	Register	No	No	No	No	No	No	No	No	No	No
Icout Harmonic	8018	Register	No	No	No	No	No	No	No	No	No	No
System Harmonic Current	8020	Register	No	No	No	No	No	No	No	No	No	No
System Line-Line Harmonic Voltage	8022	Register	No	No	No	No	No	No	No	No	No	No
System Line-Neutral Harmonic Voltage	8024	Register	No	No	No	No	No	No	No	No	No	No
Percent THD 3 Phase Avg Current	8026	Register	No	No	No	No	No	No	No	No	No	No
Percent THD 3 Phase Avg Voltage	8028	Register	No	No	No	No	No	No	No	No	No	No
Vab Harmonic	8030	Register	No	No	No	No	No	No	No	No	No	No
Vbc Harmonic	8032	Register	No	No	No	No	No	No	No	No	No	No
Vca Harmonic	8034	Register	No	No	No	No	No	No	No	No	No	No
Van Harmonic	8036	Register	No	No	No	No	No	No	No	No	No	No
Vbn Harmonic	8038	Register	No	No	No	No	No	No	No	No	No	No
Vcn Harmonic	8040	Register	No	No	No	No	No	No	No	No	No	No
Input Phase A % Voltage THD	8042	Register	No	No	No	No	No	No	No	No	Yes	Yes
Input Phase B % Voltage THD	8044	Register	No	No	No	No	No	No	No	No	Yes	Yes
Input Phase C % Voltage THD	8046	Register	No	No	No	No	No	No	No	No	Yes	Yes
Output Phase A % Voltage THD	8048	Register	No	No	No	No	No	No	No	No	Yes	Yes
Output Phase B % Voltage THD	8050	Register	No	No	No	No	No	No	No	No	Yes	Yes
Output Phase C % Voltage THD	8052	Register	No	No	No	No	No	No	No	No	Yes	Yes
Aux Vab THD	8054	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc THD	8056	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca THD	8058	Register	No	No	No	No	No	No	No	No	No	No
Ia Even Harmonic	8060	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Ib Even Harmonic	8062	Register	No	No	No	No	No	No	No	No	No	No
Ic Even Harmonic	8064	Register	No	No	No	No	No	No	No	No	No	No
In Even Harmonic	8066	Register	No	No	No	No	No	No	No	No	No	No
Vab Even Harmonic	8068	Register	No	No	No	No	No	No	No	No	No	No
Vbc Even Harmonic	8070	Register	No	No	No	No	No	No	No	No	No	No
Vca Even Harmonic	8072	Register	No	No	No	No	No	No	No	No	No	No
Van Even Harmonic	8074	Register	No	No	No	No	No	No	No	No	No	No
Vbn Even Harmonic	8076	Register	No	No	No	No	No	No	No	No	No	No
Vcn Even Harmonic	8078	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab Even Harmonic	8080	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc Even Harmonic	8082	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca Even Harmonic	8084	Register	No	No	No	No	No	No	No	No	No	No
Ia Odd Harmonic	8086	Register	No	No	No	No	No	No	No	No	No	No
Ib Odd Harmonic	8088	Register	No	No	No	No	No	No	No	No	No	No
Ic Odd Harmonic	8090	Register	No	No	No	No	No	No	No	No	No	No
In Odd Harmonic	8092	Register	No	No	No	No	No	No	No	No	No	No
Vab Odd Harmonic	8094	Register	No	No	No	No	No	No	No	No	No	No
Vbc Odd Harmonic	8096	Register	No	No	No	No	No	No	No	No	No	No
Vca Odd Harmonic	8098	Register	No	No	No	No	No	No	No	No	No	No
Van Odd Harmonic	8100	Register	No	No	No	No	No	No	No	No	No	No
Vbn Odd Harmonic	8102	Register	No	No	No	No	No	No	No	No	No	No
Vcn Odd Harmonic	8104	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab Odd Harmonic	8106	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc Odd Harmonic	8108	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca Odd Harmonic	8110	Register	No	No	No	No	No	No	No	No	No	No
Ia Inter Harmonic	8112	Register	No	No	No	No	No	No	No	No	No	No
Ib Inter Harmonic	8114	Register	No	No	No	No	No	No	No	No	No	No
Ic Inter Harmonic	8116	Register	No	No	No	No	No	No	No	No	No	No
In Inter Harmonic	8118	Register	No	No	No	No	No	No	No	No	No	No
Vab Inter Harmonic	8120	Register	No	No	No	No	No	No	No	No	No	No
Vbc Inter Harmonic	8122	Register	No	No	No	No	No	No	No	No	No	No
Vca Inter Harmonic	8124	Register	No	No	No	No	No	No	No	No	No	No
Van Inter Harmonic	8126	Register	No	No	No	No	No	No	No	No	No	No
Vbn Inter Harmonic	8128	Register	No	No	No	No	No	No	No	No	No	No
Vcn Inter Harmonic	8130	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab Inter Harmonic	8132	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc Inter Harmonic	8134	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca Inter Harmonic	8136	Register	No	No	No	No	No	No	No	No	No	No
Percent TDD Ia	8138	Register	No	No	No	No	No	No	No	No	No	No
Percent TDD Ib	8140	Register	No	No	No	No	No	No	No	No	No	No
Percent TDD Ic	8142	Register	No	No	No	No	No	No	No	No	No	No
Percent TDD In	8144	Register	No	No	No	No	No	No	No	No	No	No
Percent TDD Ig	8146	Register	No	No	No	No	No	No	No	No	No	No
Ia Percent Even TDD	8166	Register	No	No	No	No	No	No	No	No	No	No
Ib Percent Even TDD	8168	Register	No	No	No	No	No	No	No	No	No	No
Ic Percent Even TDD	8170	Register	No	No	No	No	No	No	No	No	No	No
In Percent Even TDD	8172	Register	No	No	No	No	No	No	No	No	No	No
Vab Percent Even THD	8174	Register	No	No	No	No	No	No	No	No	No	No
Vbc Percent Even THD	8176	Register	No	No	No	No	No	No	No	No	No	No
Vca Percent Even THD	8178	Register	No	No	No	No	No	No	No	No	No	No
Van Percent Even THD	8180	Register	No	No	No	No	No	No	No	No	No	No
Vbn Percent Even THD	8182	Register	No	No	No	No	No	No	No	No	No	No
Vcn Percent Even THD	8184	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab Percent Even THD	8186	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc Percent Even THD	8188	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca Percent Even THD	8190	Register	No	No	No	No	No	No	No	No	No	No
Ia Percent Odd TDD	8192	Register	No	No	No	No	No	No	No	No	No	No
Ib Percent Odd TDD	8194	Register	No	No	No	No	No	No	No	No	No	No
Ic Percent Odd TDD	8196	Register	No	No	No	No	No	No	No	No	No	No
In Percent Odd TDD	8198	Register	No	No	No	No	No	No	No	No	No	No
Vab Percent Odd THD	8200	Register	No	No	No	No	No	No	No	No	No	No
Vbc Percent Odd THD	8202	Register	No	No	No	No	No	No	No	No	No	No
Vca Percent Odd THD	8204	Register	No	No	No	No	No	No	No	No	No	No
Van Percent Odd THD	8206	Register	No	No	No	No	No	No	No	No	No	No
Vbn Percent Odd THD	8208	Register	No	No	No	No	No	No	No	No	No	No
Vcn Percent Odd THD	8210	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab Percent Odd THD	8212	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc Percent Odd THD	8214	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca Percent Odd THD	8216	Register	No	No	No	No	No	No	No	No	No	No
Ia Percent Inter Harm TDD	8218	Register	No	No	No	No	No	No	No	No	No	No
Ib Percent Inter Harm TDD	8220	Register	No	No	No	No	No	No	No	No	No	No
Ic Percent Inter Harm TDD	8222	Register	No	No	No	No	No	No	No	No	No	No
In Percent Inter Harm TDD	8224	Register	No	No	No	No	No	No	No	No	No	No
Vab Percent Inter Harm THD	8226	Register	No	No	No	No	No	No	No	No	No	No
Vbc Percent Inter Harm THD	8228	Register	No	No	No	No	No	No	No	No	No	No
Vca Percent Inter Harm THD	8230	Register	No	No	No	No	No	No	No	No	No	No
Van Percent Inter Harm THD	8232	Register	No	No	No	No	No	No	No	No	No	No
Vbn Percent Inter Harm THD	8234	Register	No	No	No	No	No	No	No	No	No	No
Vcn Percent Inter Harm THD	8236	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab Percent Inter Harm THD	8238	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc Percent Inter Harm THD	8240	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca Percent Inter Harm THD	8242	Register	No	No	No	No	No	No	No	No	No	No
Max Current Percent TDD	8244	Register	No	No	No	No	No	No	No	No	No	No
Max THD Current	8246	Register	No	No	No	No	No	No	No	No	No	No
Max VII THD	8248	Register	No	No	No	No	No	No	No	No	No	No
Max Vaux THD	8250	Register	No	No	No	No	No	No	No	No	No	No
Max Vin THD	8252	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Max VII Percent THD	8254	Register	No	No	No	No	No	No	No	No	No	No
Max Vaux L-L Percent THD	8256	Register	No	No	No	No	No	No	No	No	No	No
Max Vin Percent THD	8258	Register	No	No	No	No	No	No	No	No	No	No
Ia Fundamental	8260	Register	No	No	No	No	No	No	No	No	No	No
Ib Fundamental	8262	Register	No	No	No	No	No	No	No	No	No	No
Ic Fundamental	8264	Register	No	No	No	No	No	No	No	No	No	No
In Fundamental	8266	Register	No	No	No	No	No	No	No	No	No	No
Vab Fundamental	8268	Register	No	No	No	No	No	No	No	No	No	No
Van Fundamental	8270	Register	No	No	No	No	No	No	No	No	No	No
Vbc Fundamental	8272	Register	No	No	No	No	No	No	No	No	No	No
Vbn Fundamental	8274	Register	No	No	No	No	No	No	No	No	No	No
Vca Fundamental	8276	Register	No	No	No	No	No	No	No	No	No	No
Vcn Fundamental	8278	Register	No	No	No	No	No	No	No	No	No	No
Vab aux Fundamental	8280	Register	No	No	No	No	No	No	No	No	No	No
Vbc aux Fundamental	8282	Register	No	No	No	No	No	No	No	No	No	No
Vca aux Fundamental	8284	Register	No	No	No	No	No	No	No	No	No	No
Number of L1 Sags	8286	Register	No	No	No	No	No	No	No	No	No	No
Number of L1 Swells	8288	Register	No	No	No	No	No	No	No	No	No	No
Number of L2 Sags	8290	Register	No	No	No	No	No	No	No	No	No	No
Number of L2 Swells	8292	Register	No	No	No	No	No	No	No	No	No	No
Number of L4 Sags	8294	Register	No	No	No	No	No	No	No	No	No	No
Number of L4 Swells	8296	Register	No	No	No	No	No	No	No	No	No	No
Number of L8 Sags	8298	Register	No	No	No	No	No	No	No	No	No	No
Number of L8 Swells	8300	Register	No	No	No	No	No	No	No	No	No	No
Number of Sub-Cycle Disturbances	8302	Register	No	No	No	No	No	No	No	No	No	No
Phase A Crest Factor	8304	Register	No	No	No	No	No	No	No	No	No	No
Phase B Crest Factor	8306	Register	No	No	No	No	No	No	No	No	No	No
Phase C Crest Factor	8308	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor	8310	Register	No	No	No	No	No	No	No	No	No	No
Phase A Output Crest Factor	8312	Register	No	No	No	No	No	No	No	No	No	No
Phase B Output Crest Factor	8314	Register	No	No	No	No	No	No	No	No	No	No
Phase C Output Crest Factor	8316	Register	No	No	No	No	No	No	No	No	No	No
CF A Interval Avg	8318	Register	No	No	No	No	No	No	No	No	No	No
CF B Interval Avg	8320	Register	No	No	No	No	No	No	No	No	No	No
CF C Interval Avg	8322	Register	No	No	No	No	No	No	No	No	No	No
CF Sys Interval Avg	8324	Register	No	No	No	No	No	No	No	No	No	No
CF A Interval Min	8326	Register	No	No	No	No	No	No	No	No	No	No
CF B Interval Min	8328	Register	No	No	No	No	No	No	No	No	No	No
CF C Interval Min	8330	Register	No	No	No	No	No	No	No	No	No	No
CF Sys Interval Min	8332	Register	No	No	No	No	No	No	No	No	No	No
CF A Interval Max	8334	Register	No	No	No	No	No	No	No	No	No	No
CF B Interval Max	8336	Register	No	No	No	No	No	No	No	No	No	No
CF C Interval Max	8338	Register	No	No	No	No	No	No	No	No	No	No
CF Sys Interval Max	8340	Register	No	No	No	No	No	No	No	No	No	No
Min Phase A Crest Factor	8342	Register	No	No	No	No	No	No	No	No	No	No
Min Phase B Crest Factor	8344	Register	No	No	No	No	No	No	No	No	No	No
Min Phase C Crest Factor	8346	Register	No	No	No	No	No	No	No	No	No	No
Min System Crest Factor	8348	Register	No	No	No	No	No	No	No	No	No	No
Min Phase A Crest Factor Time	8350	Register	No	No	No	No	No	No	No	No	No	No
Min Phase B Crest Factor Time	8353	Register	No	No	No	No	No	No	No	No	No	No
Min Phase C Crest Factor Time	8356	Register	No	No	No	No	No	No	No	No	No	No
Min System Crest Factor Time	8359	Register	No	No	No	No	No	No	No	No	No	No
Max Phase A Crest Factor	8362	Register	No	No	No	No	No	No	No	No	No	No
Max Phase B Crest Factor	8364	Register	No	No	No	No	No	No	No	No	No	No
Max Phase C Crest Factor	8366	Register	No	No	No	No	No	No	No	No	No	No
Max System Crest Factor	8368	Register	No	No	No	No	No	No	No	No	No	No
Max Phase A Crest Factor Time	8370	Register	No	No	No	No	No	No	No	No	No	No
Max Phase B Crest Factor Time	8373	Register	No	No	No	No	No	No	No	No	No	No
Max Phase C Crest Factor Time	8376	Register	No	No	No	No	No	No	No	No	No	No
Max System Crest Factor Time	8379	Register	No	No	No	No	No	No	No	No	No	No
Vab PST	8382	Register	No	No	No	No	No	No	No	No	No	No
Van PST	8384	Register	No	No	No	No	No	No	No	No	No	No
Vbc PST	8386	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST	8388	Register	No	No	No	No	No	No	No	No	No	No
Vca PST	8390	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST	8392	Register	No	No	No	No	No	No	No	No	No	No
9'S of Availability	8394	Register	No	No	No	No	No	No	No	No	No	No
K-Factor Phase A	8396	Register	No	No	No	No	No	No	No	No	No	No
K-Factor Phase B	8398	Register	No	No	No	No	No	No	No	No	No	No
K-Factor Phase C	8400	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor Phase A	8402	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor Phase B	8404	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor Phase C	8406	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor System	8408	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor Phase A Time	8410	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor Phase B Time	8413	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor Phase C Time	8416	Register	No	No	No	No	No	No	No	No	No	No
Min K-Factor System Time	8419	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor Phase A	8422	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor Phase B	8424	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor Phase C	8426	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor System	8428	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor Phase A Time	8430	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor Phase B Time	8433	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor Phase C Time	8436	Register	No	No	No	No	No	No	No	No	No	No
Max K-Factor System Time	8439	Register	No	No	No	No	No	No	No	No	No	No
PQ dV dt 10 Minutes Level	8442	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
PQ dV dt 10 Minutes Value	8444	Register	No	No	No	No	No	No	No	No	No	No
PQ dV dt 1 Day Level	8446	Register	No	No	No	No	No	No	No	No	No	No
PQ dV dt 1 Day Value	8448	Register	No	No	No	No	No	No	No	No	No	No
PQ Flicker 10 Minutes Level	8450	Register	No	No	No	No	No	No	No	No	No	No
PQ Flicker 10 Minutes Value	8452	Register	No	No	No	No	No	No	No	No	No	No
PQ Flicker 1 Day Level	8454	Register	No	No	No	No	No	No	No	No	No	No
PQ Flicker 1 Day Value	8456	Register	No	No	No	No	No	No	No	No	No	No
PQ TDD Current 10 Minutes Level	8458	Register	No	No	No	No	No	No	No	No	No	No
PQ TDD Current 10 Minutes Value	8460	Register	No	No	No	No	No	No	No	No	No	No
PQ TDD Current 1 Day Level	8462	Register	No	No	No	No	No	No	No	No	No	No
PQ TDD Current 1 Day Value	8464	Register	No	No	No	No	No	No	No	No	No	No
PQ THD Voltage 10 Minutes Level	8466	Register	No	No	No	No	No	No	No	No	No	No
PQ THD Voltage 10 Minutes Value	8468	Register	No	No	No	No	No	No	No	No	No	No
PQ THD Voltage 1 Day Level	8470	Register	No	No	No	No	No	No	No	No	No	No
PQ THD Voltage 1 Day Value	8472	Register	No	No	No	No	No	No	No	No	No	No
PQ Sags 10 Minutes Level	8474	Register	No	No	No	No	No	No	No	No	No	No
PQ Sags 10 Minutes Value	8476	Register	No	No	No	No	No	No	No	No	No	No
PQ Sags 1 Day Level	8478	Register	No	No	No	No	No	No	No	No	No	No
PQ Sags 1 Day Value	8480	Register	No	No	No	No	No	No	No	No	No	No
PQ Swells 10 Minutes Level	8482	Register	No	No	No	No	No	No	No	No	No	No
PQ Swells 10 Minutes Value	8484	Register	No	No	No	No	No	No	No	No	No	No
PQ Swells 1 Day Level	8486	Register	No	No	No	No	No	No	No	No	No	No
PQ Swells 1 Day Value	8488	Register	No	No	No	No	No	No	No	No	No	No
PQ Index Total 10 Minutes Level	8490	Register	No	No	No	No	No	No	No	No	No	No
PQ Index Total 1 Day Level	8492	Register	No	No	No	No	No	No	No	No	No	No
PQ Index 1 Year Average	8494	Register	No	No	No	No	No	No	No	No	No	No
System Flicker PST	8496	Register	No	No	No	No	No	No	No	No	No	No
Flicker PST Vll	8498	Register	No	No	No	No	No	No	No	No	No	No
Flicker PST Vln	8500	Register	No	No	No	No	No	No	No	No	No	No
System Flicker Perceptibility	8502	Register	No	No	No	No	No	No	No	No	No	No
Vab Raw Flicker Perceptibility Squared	8504	Register	No	No	No	No	No	No	No	No	No	No
Van Raw Flicker Perceptibility Squared	8506	Register	No	No	No	No	No	No	No	No	No	No
Vbc Raw Flicker Perceptibility Squared	8508	Register	No	No	No	No	No	No	No	No	No	No
Vbn Raw Flicker Perceptibility Squared	8510	Register	No	No	No	No	No	No	No	No	No	No
Vca Raw Flicker Perceptibility Squared	8512	Register	No	No	No	No	No	No	No	No	No	No
Vcn Raw Flicker Perceptibility Squared	8514	Register	No	No	No	No	No	No	No	No	No	No
Vab PST Interval Avg	8516	Register	No	No	No	No	No	No	No	No	No	No
Van PST Interval Avg	8518	Register	No	No	No	No	No	No	No	No	No	No
Vbc PST Interval Avg	8520	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST Interval Avg	8522	Register	No	No	No	No	No	No	No	No	No	No
Vca PST Interval Avg	8524	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST Interval Avg	8526	Register	No	No	No	No	No	No	No	No	No	No
Vab PST Interval Min	8528	Register	No	No	No	No	No	No	No	No	No	No
Van PST Interval Min	8530	Register	No	No	No	No	No	No	No	No	No	No
Vbc PST Interval Min	8532	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST Interval Min	8534	Register	No	No	No	No	No	No	No	No	No	No
Vca PST Interval Min	8536	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST Interval Min	8538	Register	No	No	No	No	No	No	No	No	No	No
Vab PST Interval Max	8540	Register	No	No	No	No	No	No	No	No	No	No
Van PST Interval Max	8542	Register	No	No	No	No	No	No	No	No	No	No
Vbc PST Interval Max	8544	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST Interval Max	8546	Register	No	No	No	No	No	No	No	No	No	No
Vca PST Interval Max	8548	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST Interval Max	8550	Register	No	No	No	No	No	No	No	No	No	No
Vab Raw Flicker Perceptibility Squared Interval Avg	8552	Register	No	No	No	No	No	No	No	No	No	No
Van Raw Flicker Perceptibility Squared Interval Avg	8554	Register	No	No	No	No	No	No	No	No	No	No
Vbc Raw Flicker Perceptibility Squared Interval Avg	8556	Register	No	No	No	No	No	No	No	No	No	No
Vbn Raw Flicker Perceptibility Squared Interval Avg	8558	Register	No	No	No	No	No	No	No	No	No	No
Vca Raw Flicker Perceptibility Squared Interval Avg	8560	Register	No	No	No	No	No	No	No	No	No	No
Vcn Raw Flicker Perceptibility Squared Interval Avg	8562	Register	No	No	No	No	No	No	No	No	No	No
Vab Raw Flicker Perceptibility Squared Interval Min	8564	Register	No	No	No	No	No	No	No	No	No	No
Van Raw Flicker Perceptibility Squared Interval Min	8566	Register	No	No	No	No	No	No	No	No	No	No
Vbc Raw Flicker Perceptibility Squared Interval Min	8568	Register	No	No	No	No	No	No	No	No	No	No
Vbn Raw Flicker Perceptibility Squared Interval Min	8570	Register	No	No	No	No	No	No	No	No	No	No
Vca Raw Flicker Perceptibility Squared Interval Min	8572	Register	No	No	No	No	No	No	No	No	No	No
Vcn Raw Flicker Perceptibility Squared Interval Min	8574	Register	No	No	No	No	No	No	No	No	No	No
Vab Raw Flicker Perceptibility Squared Interval Max	8576	Register	No	No	No	No	No	No	No	No	No	No
Van Raw Flicker Perceptibility Squared Interval Max	8578	Register	No	No	No	No	No	No	No	No	No	No
Vbc Raw Flicker Perceptibility Squared Interval Max	8580	Register	No	No	No	No	No	No	No	No	No	No
Vbn Raw Flicker Perceptibility Squared Interval Max	8582	Register	No	No	No	No	No	No	No	No	No	No
Vca Raw Flicker Perceptibility Squared Interval Max	8584	Register	No	No	No	No	No	No	No	No	No	No
Vcn Raw Flicker Perceptibility Squared Interval Max	8586	Register	No	No	No	No	No	No	No	No	No	No
Min Van Raw Flicker Perceptibility Squared	8588	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Raw Flicker Perceptibility Squared	8590	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Raw Flicker Perceptibility Squared	8592	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Raw Flicker Perceptibility Squared	8594	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Raw Flicker Perceptibility Squared	8596	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Raw Flicker Perceptibility Squared	8598	Register	No	No	No	No	No	No	No	No	No	No
Min Van Raw Flicker Perceptibility Squared Time	8600	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Raw Flicker Perceptibility Squared Time	8603	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Raw Flicker Perceptibility Squared Time	8606	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Raw Flicker Perceptibility Squared Time	8609	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Raw Flicker Perceptibility Squared Time	8612	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Raw Flicker Perceptibility Squared Time	8615	Register	No	No	No	No	No	No	No	No	No	No
Max Van Raw Flicker Perceptibility Squared	8618	Register	No	No	No	No	No	No	No	No	No	No
Max Vbn Raw Flicker Perceptibility Squared	8620	Register	No	No	No	No	No	No	No	No	No	No
Max Vcn Raw Flicker Perceptibility Squared	8622	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Max Vab Raw Flicker Perceptibility Squared	8624	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc Raw Flicker Perceptibility Squared	8626	Register	No	No	No	No	No	No	No	No	No	No
Max Vca Raw Flicker Perceptibility Squared	8628	Register	No	No	No	No	No	No	No	No	No	No
Max Van Raw Flicker Perceptibility Squared Time	8630	Register	No	No	No	No	No	No	No	No	No	No
Max Vbn Raw Flicker Perceptibility Squared Time	8633	Register	No	No	No	No	No	No	No	No	No	No
Max Vcn Raw Flicker Perceptibility Squared Time	8636	Register	No	No	No	No	No	No	No	No	No	No
Max Vab Raw Flicker Perceptibility Squared Time	8639	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc Raw Flicker Perceptibility Squared Time	8642	Register	No	No	No	No	No	No	No	No	No	No
Max Vca Raw Flicker Perceptibility Squared Time	8645	Register	No	No	No	No	No	No	No	No	No	No
Vab THD Interval Avg	8648	Register	No	No	No	No	No	No	No	No	No	No
Vbc THD Interval Avg	8650	Register	No	No	No	No	No	No	No	No	No	No
Vca THD Interval Avg	8652	Register	No	No	No	No	No	No	No	No	No	No
Van THD Interval Avg	8654	Register	No	No	No	No	No	No	No	No	No	No
Vbn THD Interval Avg	8656	Register	No	No	No	No	No	No	No	No	No	No
Vcn THD Interval Avg	8658	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab THD Interval Avg	8660	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc THD Interval Avg	8662	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca THD Interval Avg	8664	Register	No	No	No	No	No	No	No	No	No	No
Vab THD Interval Min	8666	Register	No	No	No	No	No	No	No	No	No	No
Vbc THD Interval Min	8668	Register	No	No	No	No	No	No	No	No	No	No
Vca THD Interval Min	8670	Register	No	No	No	No	No	No	No	No	No	No
Van THD Interval Min	8672	Register	No	No	No	No	No	No	No	No	No	No
Vbn THD Interval Min	8674	Register	No	No	No	No	No	No	No	No	No	No
Vcn THD Interval Min	8676	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab THD Interval Min	8678	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc THD Interval Min	8680	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca THD Interval Min	8682	Register	No	No	No	No	No	No	No	No	No	No
Vab THD Interval Max	8684	Register	No	No	No	No	No	No	No	No	No	No
Vbc THD Interval Max	8686	Register	No	No	No	No	No	No	No	No	No	No
Vca THD Interval Max	8688	Register	No	No	No	No	No	No	No	No	No	No
Van THD Interval Max	8690	Register	No	No	No	No	No	No	No	No	No	No
Vbn THD Interval Max	8692	Register	No	No	No	No	No	No	No	No	No	No
Vcn THD Interval Max	8694	Register	No	No	No	No	No	No	No	No	No	No
Aux Vab THD Interval Max	8696	Register	No	No	No	No	No	No	No	No	No	No
Aux Vbc THD Interval Max	8698	Register	No	No	No	No	No	No	No	No	No	No
Aux Vca THD Interval Max	8700	Register	No	No	No	No	No	No	No	No	No	No
Ia THD Interval Avg	8702	Register	No	No	No	No	No	No	No	No	No	No
Ib THD Interval Avg	8704	Register	No	No	No	No	No	No	No	No	No	No
Ic THD Interval Avg	8706	Register	No	No	No	No	No	No	No	No	No	No
Ia THD Interval Min	8708	Register	No	No	No	No	No	No	No	No	No	No
Ib THD Interval Min	8710	Register	No	No	No	No	No	No	No	No	No	No
Ic THD Interval Min	8712	Register	No	No	No	No	No	No	No	No	No	No
Ia THD Interval Max	8714	Register	No	No	No	No	No	No	No	No	No	No
Ib THD Interval Max	8716	Register	No	No	No	No	No	No	No	No	No	No
Ic THD Interval Max	8718	Register	No	No	No	No	No	No	No	No	No	No
Min THD Ia	8720	Register	No	No	No	No	No	No	No	No	No	No
Min THD Ib	8722	Register	No	No	No	No	No	No	No	No	No	No
Min THD Ic	8724	Register	No	No	No	No	No	No	No	No	No	No
Min THD In	8726	Register	No	No	No	No	No	No	No	No	No	No
Min THD Vab	8728	Register	No	No	No	No	No	No	No	No	No	No
Min THD Vbc	8730	Register	No	No	No	No	No	No	No	No	No	No
Min THD Vca	8732	Register	No	No	No	No	No	No	No	No	No	No
Min THD Van	8734	Register	No	No	No	No	No	No	No	No	No	No
Min THD Vbn	8736	Register	No	No	No	No	No	No	No	No	No	No
Min THD Vcn	8738	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab THD	8740	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc THD	8742	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca THD	8744	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Ia	8746	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Ib	8749	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Ic	8752	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD In	8755	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Vab	8758	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Vbc	8761	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Vca	8764	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Van	8767	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Vbn	8770	Register	No	No	No	No	No	No	No	No	No	No
Time of Min THD Vcn	8773	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab THD Time	8776	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc THD Time	8779	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca THD Time	8782	Register	No	No	No	No	No	No	No	No	No	No
Max THD Ia	8785	Register	No	No	No	No	No	No	No	No	No	No
Max THD Ib	8787	Register	No	No	No	No	No	No	No	No	No	No
Max THD Ic	8789	Register	No	No	No	No	No	No	No	No	No	No
Max THD In	8791	Register	No	No	No	No	No	No	No	No	No	No
Max THD Vab	8793	Register	No	No	No	No	No	No	No	No	No	No
Max THD Vbc	8795	Register	No	No	No	No	No	No	No	No	No	No
Max THD Vca	8797	Register	No	No	No	No	No	No	No	No	No	No
Max THD Van	8799	Register	No	No	No	No	No	No	No	No	No	No
Max THD Vbn	8801	Register	No	No	No	No	No	No	No	No	No	No
Max THD Vcn	8803	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vab THD	8805	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vbc THD	8807	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vca THD	8809	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Ia THD	8811	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Ib THD	8814	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Ic THD	8817	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Time of Max In THD	8820	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vab THD	8823	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vbc THD	8826	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vca THD	8829	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Van THD	8832	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vbn THD	8835	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Vcn THD	8838	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Aux Vab THD	8841	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Aux Vbc THD	8844	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Aux Vca THD	8847	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Odd THD	8850	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Odd THD	8852	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Odd THD	8854	Register	No	No	No	No	No	No	No	No	No	No
Min In Odd THD	8856	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Odd THD	8858	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Odd THD	8860	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Odd THD	8862	Register	No	No	No	No	No	No	No	No	No	No
Min Van Odd THD	8864	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Odd THD	8866	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Odd THD	8868	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Odd THD	8870	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Odd THD	8872	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca Odd THD	8874	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Odd THD Time	8876	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Odd THD Time	8879	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Odd THD Time	8882	Register	No	No	No	No	No	No	No	No	No	No
Min In Odd THD Time	8885	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Odd THD Time	8888	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Odd THD Time	8891	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Odd THD Time	8894	Register	No	No	No	No	No	No	No	No	No	No
Min Van Odd THD Time	8897	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Odd THD Time	8900	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Odd THD Time	8903	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Odd THD Time	8906	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Odd THD Time	8909	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca Odd THD Time	8912	Register	No	No	No	No	No	No	No	No	No	No
Max Ia Odd THD	8915	Register	No	No	No	No	No	No	No	No	No	No
Max Ib Odd THD	8917	Register	No	No	No	No	No	No	No	No	No	No
Max Ic Odd THD	8919	Register	No	No	No	No	No	No	No	No	No	No
Max In Odd THD	8921	Register	No	No	No	No	No	No	No	No	No	No
Max Vab Odd THD	8923	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc Odd THD	8925	Register	No	No	No	No	No	No	No	No	No	No
Max Vca Odd THD	8927	Register	No	No	No	No	No	No	No	No	No	No
Max Van Odd THD	8929	Register	No	No	No	No	No	No	No	No	No	No
Max Vbn Odd THD	8931	Register	No	No	No	No	No	No	No	No	No	No
Max Vcn Odd THD	8933	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vab Odd THD	8935	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vbc Odd THD	8937	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vca Odd THD	8939	Register	No	No	No	No	No	No	No	No	No	No
Max Ia Odd THD Time	8941	Register	No	No	No	No	No	No	No	No	No	No
Max Ib Odd THD Time	8944	Register	No	No	No	No	No	No	No	No	No	No
Max Ic Odd THD Time	8947	Register	No	No	No	No	No	No	No	No	No	No
Max In Odd THD Time	8950	Register	No	No	No	No	No	No	No	No	No	No
Max Vab Odd THD Time	8953	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc Odd THD Time	8956	Register	No	No	No	No	No	No	No	No	No	No
Max Vca Odd THD Time	8959	Register	No	No	No	No	No	No	No	No	No	No
Max Van Odd THD Time	8962	Register	No	No	No	No	No	No	No	No	No	No
Max Vbn Odd THD Time	8965	Register	No	No	No	No	No	No	No	No	No	No
Max Vcn Odd THD Time	8968	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vab Odd THD Time	8971	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vbc Odd THD Time	8974	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vca Odd THD Time	8977	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Inter Harmonic THD	8980	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Inter Harmonic THD	8982	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Inter Harmonic THD	8984	Register	No	No	No	No	No	No	No	No	No	No
Min In Inter Harmonic THD	8986	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Inter Harmonic THD	8988	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Inter Harmonic THD	8990	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Inter Harmonic THD	8992	Register	No	No	No	No	No	No	No	No	No	No
Min Van Inter Harmonic THD	8994	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Inter Harmonic THD	8996	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Inter Harmonic THD	8998	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Inter Harmonic THD	9000	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Inter Harmonic THD	9002	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca Inter Harmonic THD	9004	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Inter Harmonic THD Time	9006	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Inter Harmonic THD Time	9009	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Inter Harmonic THD Time	9012	Register	No	No	No	No	No	No	No	No	No	No
Min In Inter Harmonic THD Time	9015	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Inter Harmonic THD Time	9018	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Inter Harmonic THD Time	9021	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Inter Harmonic THD Time	9024	Register	No	No	No	No	No	No	No	No	No	No
Min Van Inter Harmonic THD Time	9027	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Inter Harmonic THD Time	9030	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Inter Harmonic THD Time	9033	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Inter Harmonic THD Time	9036	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Inter Harmonic THD Time	9039	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Min Aux Vca Inter Harmonic THD Time	9042	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Inter Harmonic THD	9045	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Inter Harmonic THD	9047	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Inter Harmonic THD	9049	Register	No	No	No	No	No	No	No	No	No	No
Min In Inter Harmonic THD	9051	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Inter Harmonic THD	9053	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Inter Harmonic THD	9055	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Inter Harmonic THD	9057	Register	No	No	No	No	No	No	No	No	No	No
Min Van Inter Harmonic THD	9059	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Inter Harmonic THD	9061	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Inter Harmonic THD	9063	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Inter Harmonic THD	9065	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Inter Harmonic THD	9067	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca Inter Harmonic THD	9069	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Inter Harmonic THD Time	9071	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Inter Harmonic THD Time	9074	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Inter Harmonic THD Time	9077	Register	No	No	No	No	No	No	No	No	No	No
Min In Inter Harmonic THD Time	9080	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Inter Harmonic THD Time	9083	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Inter Harmonic THD Time	9086	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Inter Harmonic THD Time	9089	Register	No	No	No	No	No	No	No	No	No	No
Min Van Inter Harmonic THD Time	9092	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Inter Harmonic THD Time	9095	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Inter Harmonic THD Time	9098	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Inter Harmonic THD Time	9101	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Inter Harmonic THD Time	9104	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca Inter Harmonic THD Time	9107	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Even THD	9110	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Even THD	9112	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Even THD	9114	Register	No	No	No	No	No	No	No	No	No	No
Min In Even THD	9116	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Even THD	9118	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Even THD	9120	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Even THD	9122	Register	No	No	No	No	No	No	No	No	No	No
Min Van Even THD	9124	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Even THD	9126	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Even THD	9128	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Even THD	9130	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Even THD	9132	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca Even THD	9134	Register	No	No	No	No	No	No	No	No	No	No
Min Ia Even THD Time	9136	Register	No	No	No	No	No	No	No	No	No	No
Min Ib Even THD Time	9139	Register	No	No	No	No	No	No	No	No	No	No
Min Ic Even THD Time	9142	Register	No	No	No	No	No	No	No	No	No	No
Min In Even THD Time	9145	Register	No	No	No	No	No	No	No	No	No	No
Min Vab Even THD Time	9148	Register	No	No	No	No	No	No	No	No	No	No
Min Vbc Even THD Time	9151	Register	No	No	No	No	No	No	No	No	No	No
Min Vca Even THD Time	9154	Register	No	No	No	No	No	No	No	No	No	No
Min Van Even THD Time	9157	Register	No	No	No	No	No	No	No	No	No	No
Min Vbn Even THD Time	9160	Register	No	No	No	No	No	No	No	No	No	No
Min Vcn Even THD Time	9163	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vab Even THD Time	9166	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vbc Even THD Time	9169	Register	No	No	No	No	No	No	No	No	No	No
Min Aux Vca Even THD Time	9172	Register	No	No	No	No	No	No	No	No	No	No
Max Ia Even THD	9175	Register	No	No	No	No	No	No	No	No	No	No
Max Ib Even THD	9177	Register	No	No	No	No	No	No	No	No	No	No
Max Ic Even THD	9179	Register	No	No	No	No	No	No	No	No	No	No
Max In Even THD	9181	Register	No	No	No	No	No	No	No	No	No	No
Max Vab Even THD	9183	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc Even THD	9185	Register	No	No	No	No	No	No	No	No	No	No
Max Vca Even THD	9187	Register	No	No	No	No	No	No	No	No	No	No
Max Van Even THD	9189	Register	No	No	No	No	No	No	No	No	No	No
Max Vbn Even THD	9191	Register	No	No	No	No	No	No	No	No	No	No
Max Vcn Even THD	9193	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vab Even THD	9195	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vbc Even THD	9197	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vca Even THD	9199	Register	No	No	No	No	No	No	No	No	No	No
Max Ia Even THD Time	9201	Register	No	No	No	No	No	No	No	No	No	No
Max Ib Even THD Time	9204	Register	No	No	No	No	No	No	No	No	No	No
Max Ic Even THD Time	9207	Register	No	No	No	No	No	No	No	No	No	No
Max In Even THD Time	9210	Register	No	No	No	No	No	No	No	No	No	No
Max Vab Even THD Time	9213	Register	No	No	No	No	No	No	No	No	No	No
Max Vbc Even THD Time	9216	Register	No	No	No	No	No	No	No	No	No	No
Max Vca Even THD Time	9219	Register	No	No	No	No	No	No	No	No	No	No
Max Van Even THD Time	9222	Register	No	No	No	No	No	No	No	No	No	No
Max Vbn Even THD Time	9225	Register	No	No	No	No	No	No	No	No	No	No
Max Vcn Even THD Time	9228	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vab Even THD Time	9231	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vbc Even THD Time	9234	Register	No	No	No	No	No	No	No	No	No	No
Max Aux Vca Even THD Time	9237	Register	No	No	No	No	No	No	No	No	No	No
Vab PST Min	9240	Register	No	No	No	No	No	No	No	No	No	No
Van PST Min	9242	Register	No	No	No	No	No	No	No	No	No	No
Vbc PST Min	9244	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST Min	9246	Register	No	No	No	No	No	No	No	No	No	No
Vca PST Min	9248	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST Min	9250	Register	No	No	No	No	No	No	No	No	No	No
Vab PST Min Time	9252	Register	No	No	No	No	No	No	No	No	No	No
Van PST Min Time	9255	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Vbc PST Min Time	9258	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST Min Time	9261	Register	No	No	No	No	No	No	No	No	No	No
Vca PST Min Time	9264	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST Min Time	9267	Register	No	No	No	No	No	No	No	No	No	No
Vab PST Max	9270	Register	No	No	No	No	No	No	No	No	No	No
Van PST Max	9272	Register	No	No	No	No	No	No	No	No	No	No
Vbc PST Max	9274	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST Max	9276	Register	No	No	No	No	No	No	No	No	No	No
Vca PST Max	9278	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST Max	9280	Register	No	No	No	No	No	No	No	No	No	No
Vab PST Max Time	9282	Register	No	No	No	No	No	No	No	No	No	No
Van PST Max Time	9285	Register	No	No	No	No	No	No	No	No	No	No
Vbc PST Max Time	9288	Register	No	No	No	No	No	No	No	No	No	No
Vbn PST Max Time	9291	Register	No	No	No	No	No	No	No	No	No	No
Vca PST Max Time	9294	Register	No	No	No	No	No	No	No	No	No	No
Vcn PST Max Time	9297	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Ia	9300	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Ib	9302	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Ic	9304	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Ig	9306	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor In	9308	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Vab	9310	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Van	9312	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Vbc	9314	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Vbn	9316	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Vca	9318	Register	No	No	No	No	No	No	No	No	No	No
Crest Factor Vcn	9320	Register	No	No	No	No	No	No	No	No	No	No
Min Max Mag THD I Changes	9322	Register	No	No	No	No	No	No	No	No	No	No
Min Max Mag THD V Changes	9324	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max Percent THD I)	9326	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Ia	9328	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Ib	9330	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Ic	9332	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD In	9334	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Ia	9336	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Ib	9338	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Ic	9340	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD In	9342	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Ia	9344	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Ib	9347	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Ic	9350	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD In	9353	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Ia	9356	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Ib	9359	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Ic	9362	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD In	9365	Register	No	No	No	No	No	No	No	No	No	No
Time of Reset (THD I)	9368	Register	No	No	No	No	No	No	No	No	No	No
Last Reset (Min Max Percent THD V)	9371	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Vab	9373	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Vbc	9375	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Vca	9377	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Van	9379	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Vbn	9381	Register	No	No	No	No	No	No	No	No	No	No
Min Percent THD Vcn	9383	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Vab	9385	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Vbc	9387	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Vca	9389	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Van	9391	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Vbn	9393	Register	No	No	No	No	No	No	No	No	No	No
Max Percent THD Vcn	9395	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Vab	9397	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Vbc	9400	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Vca	9403	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Van	9406	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Vbn	9409	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Percent THD Vcn	9412	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Vab	9415	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Vbc	9418	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Vca	9421	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Van	9424	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Vbn	9427	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Percent THD Vcn	9430	Register	No	No	No	No	No	No	No	No	No	No
Time of Reset (THD V)	9433	Register	No	No	No	No	No	No	No	No	No	No
Phase A Input Crest Factor	9446	Register	No	No	No	No	No	No	No	No	No	No
Phase B Input Crest Factor	9448	Register	No	No	No	No	No	No	No	No	No	No
Phase C Input Crest Factor	9450	Register	No	No	No	No	No	No	No	No	No	No
Time of ITIC Sag and Swell Count Reset	9452	Register	No	No	No	No	No	No	No	No	No	No
Number of Transients	9455	Register	No	No	No	No	No	No	No	No	No	No
Average Input Crest Factor	9457	Register	No	No	No	No	No	No	No	No	No	No
Average Output Crest Factor	9459	Register	No	No	No	No	No	No	No	No	No	No
Average Bypass Crest Factor	9461	Register	No	No	No	No	No	No	No	No	No	No
Bypass Phase A % Voltage THD	9463	Register	No	No	No	No	No	No	No	No	No	No
Bypass Phase B % Voltage THD	9465	Register	No	No	No	No	No	No	No	No	No	No
Bypass Phase C % Voltage THD	9467	Register	No	No	No	No	No	No	No	No	No	No
Bypass Phase A % Current THD	9469	Register	No	No	No	No	No	No	No	No	No	No
Bypass Phase B % Current THD	9471	Register	No	No	No	No	No	No	No	No	No	No
Bypass Phase C % Current THD	9473	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
DI 8 Mode	10198	Register	No	No	No	No	No	No	No	No	No	No
DI 1 Status	10200	Register	No	No	No	No	No	No	No	No	No	No
DI 2 Status	10202	Register	No	No	No	No	No	No	No	No	No	No
DI 3 Status	10204	Register	No	No	No	No	No	No	No	No	No	No
DI 4 Status	10206	Register	No	No	No	No	No	No	No	No	No	No
DI 5 Status	10208	Register	No	No	No	No	No	No	No	No	No	No
DI 6 Status	10210	Register	No	No	No	No	No	No	No	No	No	No
DI 7 Status	10212	Register	No	No	No	No	No	No	No	No	No	No
DI 8 Status	10214	Register	No	No	No	No	No	No	No	No	No	No
RY 1 State	10216	Register	No	No	No	No	No	No	No	No	No	No
RY 2 State	10218	Register	No	No	No	No	No	No	No	No	No	No
RY 3 State	10220	Register	No	No	No	No	No	No	No	No	No	No
SS 1 State	10222	Register	No	No	No	No	No	No	No	No	No	No
SS 2 State	10224	Register	No	No	No	No	No	No	No	No	No	No
RY 1 Raw Count	10226	Register	No	No	No	No	No	No	No	No	No	No
RY 2 Raw Count	10228	Register	No	No	No	No	No	No	No	No	No	No
RY 3 Raw Count	10230	Register	No	No	No	No	No	No	No	No	No	No
SS 1 Raw Count	10232	Register	No	No	No	No	No	No	No	No	No	No
SS 2 Raw Count	10234	Register	No	No	No	No	No	No	No	No	No	No
RY 1 Mode	10238	Register	No	No	No	No	No	No	No	No	No	No
RY 2 Mode	10240	Register	No	No	No	No	No	No	No	No	No	No
RY 3 Mode	10242	Register	No	No	No	No	No	No	No	No	No	No
SS 1 Mode	10244	Register	No	No	No	No	No	No	No	No	No	No
SS 2 Mode	10246	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 1 Flag	10248	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 2 Flag	10249	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 3 Flag	10250	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 4 Flag	10251	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 5 Flag	10252	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 6 Flag	10253	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 7 Flag	10254	Register	No	No	No	No	No	No	No	No	No	No
Contact Input 8 Flag	10255	Register	No	No	No	No	No	No	No	No	No	No
Logic Timer 1	10256	Register	No	No	No	No	No	No	No	No	No	No
Logic Timer 2	10257	Register	No	No	No	No	No	No	No	No	No	No
Logic Timer 3	10258	Register	No	No	No	No	No	No	No	No	No	No
Logic Timer 4	10259	Register	No	No	No	No	No	No	No	No	No	No
Logic Timer 5	10260	Register	No	No	No	No	No	No	No	No	No	No
Logic Timer 6	10261	Register	No	No	No	No	No	No	No	No	No	No
Relay 1	10262	Register	No	No	No	No	No	No	No	No	No	No
Relay 2	10263	Register	No	No	No	No	No	No	No	No	No	No
Relay 3	10264	Register	No	No	No	No	No	No	No	No	No	No
Relay 4	10265	Register	No	No	No	No	No	No	No	No	No	No
Relay 5	10266	Register	No	No	No	No	No	No	No	No	No	No
Relay 6	10267	Register	No	No	No	No	No	No	No	No	No	No
Logic Gate 1	10268	Register	No	No	No	No	No	No	No	No	No	No
Logic Gate 2	10269	Register	No	No	No	No	No	No	No	No	No	No
Logic Gate 3	10270	Register	No	No	No	No	No	No	No	No	No	No
Logic Gate 4	10271	Register	No	No	No	No	No	No	No	No	No	No
Logic Gate 5	10272	Register	No	No	No	No	No	No	No	No	No	No
Logic Gate 6	10273	Register	No	No	No	No	No	No	No	No	No	No
Analog Input	10274	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Input 1	10275	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Input 2	10276	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Input 3	10277	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Input 4	10278	Register	No	No	No	No	No	No	No	No	No	No
Isolated Input Signal 1	10279	Register	No	No	No	No	No	No	No	No	No	No
Isolated Input Signal 2	10280	Register	No	No	No	No	No	No	No	No	No	No
Discrete Input 1	10281	Register	No	No	No	No	No	No	No	No	No	No
Discrete Input 2	10282	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 1	10283	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 2	10284	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 3	10285	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 4	10286	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 5	10287	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 6	10288	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 7	10289	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 8	10290	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 9	10291	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 10	10292	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 11	10293	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 12	10294	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 13	10295	Register	No	No	No	No	No	No	No	No	No	No
Digital Input 14	10296	Register	No	No	No	No	No	No	No	No	No	No
Digital Output 1	10297	Register	No	No	No	No	No	No	No	No	No	No
Digital Output 2	10298	Register	No	No	No	No	No	No	No	No	No	No
Digital Output 3	10299	Register	No	No	No	No	No	No	No	No	No	No
Digital Output 4	10300	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 1	10301	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 2	10302	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 3	10303	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 4	10304	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 5	10305	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 6	10306	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 7	10307	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 8	10308	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 9	10309	Register	No	No	No	No	No	No	No	No	No	No
Min Max Changes Sensor 10	10310	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	O-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
LED Indicator #26	10422	Register	No	No	No	No	No	No	No	No	No	No
LED Indicator #27	10423	Register	No	No	No	No	No	No	No	No	No	No
LED Indicator #28	10424	Register	No	No	No	No	No	No	No	No	No	No
LED Indicator #29	10425	Register	No	No	No	No	No	No	No	No	No	No
LED Indicator #30	10426	Register	No	No	No	No	No	No	No	No	No	No
LED Indicator #31	10427	Register	No	No	No	No	No	No	No	No	No	No
LED Indicator #32	10428	Register	No	No	No	No	No	No	No	No	No	No
Frequency	11000	Register	No	No	No	No	No	No	No	No	No	No
Output Frequency	11002	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Frequency	11004	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inverter Frequency	11006	Register	Yes	No	No	No	No	Yes	Yes	Yes	No	No
Bypass Frequency	11008	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Src1 Frequency	11010	Register	No	No	No	No	No	No	No	No	No	No
Src2 Frequency	11012	Register	No	No	No	No	No	No	No	No	No	No
Drive Output Frequency	11014	Register	No	No	No	No	No	No	No	No	No	No
Frequency Interval Avg	11016	Register	No	No	No	No	No	No	No	No	No	No
Frequency Interval Min	11018	Register	No	No	No	No	No	No	No	No	No	No
Frequency Interval Max	11020	Register	No	No	No	No	No	No	No	No	No	No
Min Frequency	11022	Register	No	No	No	No	No	No	No	No	No	No
Time of Min Frequency	11024	Register	No	No	No	No	No	No	No	No	No	No
Max Frequency	11027	Register	No	No	No	No	No	No	No	No	No	No
Time of Max Frequency	11029	Register	No	No	No	No	No	No	No	No	No	No
Frequency Difference	11032	Register	No	No	No	No	No	No	No	No	No	No
Secondary Input Frequency	11038	Register	No	No	No	No	No	No	No	No	No	No
Ambient Temperature	12000	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Heatsink Temperature	12002	Register	No	No	No	No	No	No	No	No	No	No
Power Supply Temperature	12004	Register	No	No	No	No	No	No	No	No	No	No
Battery Temperature	12006	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
Winding Temperature 1	12008	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 2	12010	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 3	12012	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 4	12014	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 5	12016	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 6	12018	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Temperature	12028	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Humidity	12030	Register	No	No	No	No	No	No	No	No	No	No
Minimum Temperature	12034	Register	No	No	No	No	No	No	No	No	No	No
Maximum Temperature	12036	Register	No	No	No	No	No	No	No	No	No	No
Max Winding Temperature	12048	Register	No	No	No	No	No	No	No	No	No	No
Time Max Winding Temperature	12050	Register	No	No	No	No	No	No	No	No	No	No
Humidity	12053	Register	No	No	No	No	No	No	No	No	No	No
Ambient Temperature	12055	Register	No	No	No	No	No	No	No	No	No	No
Airflow Meter	12057	Register	No	No	No	No	No	No	No	No	No	No
Date	12200	Register	No	No	No	No	No	No	No	No	No	No
Time	12203	Register	No	No	No	No	No	No	No	No	No	No
Battery Time Remaining	12206	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Charge Time	12208	Register	No	No	No	No	No	No	No	No	No	No
Delay Until Next Start	12210	Register	No	No	No	No	No	No	No	No	No	No
Remaining starts in starts/time	12213	Register	No	No	No	No	No	No	No	No	No	No
Time left in oldest start	12215	Register	No	No	No	No	No	No	No	No	No	No
Shutdown Timer	12218	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Startup Timer	12220	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Time of Last Event	12222	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Off to On Transition	12225	Register	No	No	No	No	No	No	No	No	No	No
Time of Last On to Off Transition	12228	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Reset	12231	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Start	12234	Register	No	No	No	No	No	No	No	No	No	No
Time of Last Trip or Alarm	12237	Register	No	No	No	No	No	No	No	No	No	No
Time of Cumulative Reset For Max Motor Values	12240	Register	No	No	No	No	No	No	No	No	No	No
Time of Reset For Max Motor Values	12243	Register	No	No	No	No	No	No	No	No	No	No
Time of Reset For Motor Alarms (1)	12246	Register	No	No	No	No	No	No	No	No	No	No
Time of Reset For Motor Trips (1)	12249	Register	No	No	No	No	No	No	No	No	No	No
Time of Power Reset	12252	Register	No	No	No	No	No	No	No	No	No	No
Time of Rollover	12255	Register	No	No	No	No	No	No	No	No	No	No
Time Between Starts Trips	12258	Register	No	No	No	No	No	No	No	No	No	No
Seconds on Battery	12261	Register	No	No	No	No	No	No	No	No	No	No
TDES Timer	12263	Register	No	No	No	No	No	No	No	No	No	No
TDNE Timer	12264	Register	No	No	No	No	No	No	No	No	No	No
TDEN Timer	12265	Register	No	No	No	No	No	No	No	No	No	No
TDEC Timer	12266	Register	No	No	No	No	No	No	No	No	No	No
TDN Timer	12267	Register	No	No	No	No	No	No	No	No	No	No
TDEF Timer	12268	Register	No	No	No	No	No	No	No	No	No	No
Pretransfer Timer	12269	Register	No	No	No	No	No	No	No	No	No	No
Engine Run Timer	12270	Register	No	No	No	No	No	No	No	No	No	No
Sync Timer	12271	Register	No	No	No	No	No	No	No	No	No	No
Line Event Counter	12400	Register	No	No	No	No	No	No	No	No	No	No
Motor Speed	12402	Register	No	No	No	No	No	No	No	No	No	No
Current Xfmr Ratio	12404	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Temperature Trips	12406	Register	No	No	No	No	No	No	No	No	No	No
Trip By-pass Operations	12407	Register	No	No	No	No	No	No	No	No	No	No
Differential Trips	12408	Register	No	No	No	No	No	No	No	No	No	No
Frequency Trips	12409	Register	No	No	No	No	No	No	No	No	No	No
I2T Trips	12410	Register	No	No	No	No	No	No	No	No	No	No
INCOM Trips	12411	Register	No	No	No	No	No	No	No	No	No	No
INST SDT Faults	12412	Register	No	No	No	No	No	No	No	No	No	No
IOC Trips	12413	Register	No	No	No	No	No	No	No	No	No	No
Jam Trips	12414	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
LDT GFT Faults	12415	Register	No	No	No	No	No	No	No	No	No	No
Load Bearing Temperature Trips	12416	Register	No	No	No	No	No	No	No	No	No	No
Motor Bearing Temperature Trips	12417	Register	No	No	No	No	No	No	No	No	No	No
Motor Winding Temperature Trips	12418	Register	No	No	No	No	No	No	No	No	No	No
Phase Reversal Trips	12419	Register	No	No	No	No	No	No	No	No	No	No
Phase Unbalance Trips	12420	Register	No	No	No	No	No	No	No	No	No	No
Remote Trips	12421	Register	No	No	No	No	No	No	No	No	No	No
RTD Trips	12422	Register	No	No	No	No	No	No	No	No	No	No
Incomplete Sequence Trips	12423	Register	No	No	No	No	No	No	No	No	No	No
Speed	12424	Register	No	No	No	No	No	No	No	No	No	No
Starter	12425	Register	No	No	No	No	No	No	No	No	No	No
Starts Per Time Trips	12426	Register	No	No	No	No	No	No	No	No	No	No
Incomplete Transition Trips	12427	Register	No	No	No	No	No	No	No	No	No	No
Under Load Trips	12428	Register	No	No	No	No	No	No	No	No	No	No
Zero Speed Switch Trips	12429	Register	No	No	No	No	No	No	No	No	No	No
Mode Type	12430	Register	No	No	No	No	No	No	No	No	No	No
Motion Type	12431	Register	No	No	No	No	No	No	No	No	No	No
Comm Logic State	12432	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Available	12433	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Available Hour	12434	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Available Minute	12435	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Connect Hour	12436	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Connect Minute	12437	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Connected	12438	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Preferred	12439	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Run hour	12440	Register	No	No	No	No	No	No	No	No	No	No
Source 1 Run minute	12441	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Available	12442	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Available Hour	12443	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Available Minute	12444	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Connect Hour	12445	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Connect Minute	12446	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Connected	12447	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Preferred	12448	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Run Hour	12449	Register	No	No	No	No	No	No	No	No	No	No
Source 2 Run Minute	12450	Register	No	No	No	No	No	No	No	No	No	No
Sliding Window 1 Value	12451	Register	No	No	No	No	No	No	No	No	No	No
Sliding Window 1 Value BTU	12452	Register	No	No	No	No	No	No	No	No	No	No
Sliding Window 2 Value	12453	Register	No	No	No	No	No	No	No	No	No	No
Sliding Window 2 Value BTU	12454	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Maximum Value	12455	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Maximum Value	12456	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Maximum Value BTU	12457	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Maximum Value BTU	12458	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Time of Maximum Value BTU	12459	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Time of Maximum Value BTU	12462	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Time of Maximum Value	12465	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Time of Maximum Value	12468	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Minimum Value	12471	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Minimum Value	12472	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Minimum Value BTU	12473	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Minimum Value BTU	12474	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Time of Minimum Value BTU	12475	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Time of Minimum Value BTU	12478	Register	No	No	No	No	No	No	No	No	No	No
Window 1 Time of Minimum Value	12481	Register	No	No	No	No	No	No	No	No	No	No
Window 2 Time of Minimum Value	12484	Register	No	No	No	No	No	No	No	No	No	No
Max PDI Channel Number	12487	Register	No	No	No	No	No	No	No	No	No	No
Percent of Max PDI to red level	12488	Register	No	No	No	No	No	No	No	No	No	No
Channel Activation Status	12489	Register	No	No	No	No	No	No	No	No	No	No
Ch1 Qmax	12490	Register	No	No	No	No	No	No	No	No	No	No
Ch1 PDI	12491	Register	No	No	No	No	No	No	No	No	No	No
Ch1 PPS	12492	Register	No	No	No	No	No	No	No	No	No	No
Ch2 Qmax	12493	Register	No	No	No	No	No	No	No	No	No	No
Ch2 PDI	12494	Register	No	No	No	No	No	No	No	No	No	No
Ch2 PPS	12495	Register	No	No	No	No	No	No	No	No	No	No
Ch3 Qmax	12496	Register	No	No	No	No	No	No	No	No	No	No
Ch3 PDI	12497	Register	No	No	No	No	No	No	No	No	No	No
Ch3 PPS	12498	Register	No	No	No	No	No	No	No	No	No	No
Ch4 Qmax	12499	Register	No	No	No	No	No	No	No	No	No	No
Ch4 PDI	12500	Register	No	No	No	No	No	No	No	No	No	No
Ch4 PPS	12501	Register	No	No	No	No	No	No	No	No	No	No
Ch5 Qmax	12502	Register	No	No	No	No	No	No	No	No	No	No
Ch5 PDI	12503	Register	No	No	No	No	No	No	No	No	No	No
Ch5 PPS	12504	Register	No	No	No	No	No	No	No	No	No	No
Ch6 Qmax	12505	Register	No	No	No	No	No	No	No	No	No	No
Ch6 PDI	12506	Register	No	No	No	No	No	No	No	No	No	No
Ch6 PPS	12507	Register	No	No	No	No	No	No	No	No	No	No
Ch7 Qmax	12508	Register	No	No	No	No	No	No	No	No	No	No
Ch7 PDI	12509	Register	No	No	No	No	No	No	No	No	No	No
Ch7 PPS	12510	Register	No	No	No	No	No	No	No	No	No	No
Ch8 Qmax	12511	Register	No	No	No	No	No	No	No	No	No	No
Ch8 PDI	12512	Register	No	No	No	No	No	No	No	No	No	No
Ch8 PPS	12513	Register	No	No	No	No	No	No	No	No	No	No
Ch9 Qmax	12514	Register	No	No	No	No	No	No	No	No	No	No
Ch9 PDI	12515	Register	No	No	No	No	No	No	No	No	No	No
Ch9 PPS	12516	Register	No	No	No	No	No	No	No	No	No	No
Ch10 Qmax	12517	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Ch10 PDI	12518	Register	No	No	No	No	No	No	No	No	No	No
Ch10 PPS	12519	Register	No	No	No	No	No	No	No	No	No	No
Ch11 Qmax	12520	Register	No	No	No	No	No	No	No	No	No	No
Ch11 PDI	12521	Register	No	No	No	No	No	No	No	No	No	No
Ch11 PPS	12522	Register	No	No	No	No	No	No	No	No	No	No
Ch12 Qmax	12523	Register	No	No	No	No	No	No	No	No	No	No
Ch12 PDI	12524	Register	No	No	No	No	No	No	No	No	No	No
Ch12 PPS	12525	Register	No	No	No	No	No	No	No	No	No	No
Ch13 Qmax	12526	Register	No	No	No	No	No	No	No	No	No	No
Ch13 PDI	12527	Register	No	No	No	No	No	No	No	No	No	No
Ch13 PPS	12528	Register	No	No	No	No	No	No	No	No	No	No
Ch14 Qmax	12529	Register	No	No	No	No	No	No	No	No	No	No
Ch14 PDI	12530	Register	No	No	No	No	No	No	No	No	No	No
Ch14 PPS	12531	Register	No	No	No	No	No	No	No	No	No	No
Ch15 Qmax	12532	Register	No	No	No	No	No	No	No	No	No	No
Ch15 PDI	12533	Register	No	No	No	No	No	No	No	No	No	No
Ch15 PPS	12534	Register	No	No	No	No	No	No	No	No	No	No
Static Position Switch	12535	Register	No	No	No	No	No	No	No	No	No	No
Critical Bus Breaker	12536	Register	No	No	No	No	No	No	No	No	No	No
Bypass Breaker	12537	Register	No	No	No	No	No	No	No	No	No	No
Backfeed Breaker	12538	Register	No	No	No	No	No	No	No	No	No	No
Bypass Input Power	12539	Register	No	No	No	No	No	No	No	No	No	No
Maintenance Isolation Breaker (MIB)	12540	Register	No	No	No	No	No	No	No	No	No	No
Maintenance Bypass Breaker (MBB)	12541	Register	No	No	No	No	No	No	No	No	No	No
Maintenance Bypass Input (MBP)	12542	Register	No	No	No	No	No	No	No	No	No	No
SBM Normal	12543	Register	No	No	No	No	No	No	No	No	No	No
SBM On Battery	12544	Register	No	No	No	No	No	No	No	No	No	No
SBM On Bypass	12545	Register	No	No	No	No	No	No	No	No	No	No
SBM Notice	12546	Register	No	No	No	No	No	No	No	No	No	No
SBM Alarm	12547	Register	No	No	No	No	No	No	No	No	No	No
SBM On Standby	12548	Register	No	No	No	No	No	No	No	No	No	No
UPM1 Normal LED	12549	Register	No	No	No	No	No	No	No	No	No	No
UPM1 Battery LED	12550	Register	No	No	No	No	No	No	No	No	No	No
UPM1 Bypass LED	12551	Register	No	No	No	No	No	No	No	No	No	No
UPM1 Notice LED	12552	Register	No	No	No	No	No	No	No	No	No	No
UPM1 Alarm LED	12553	Register	No	No	No	No	No	No	No	No	No	No
UPM1 Standby LED	12554	Register	No	No	No	No	No	No	No	No	No	No
UPM1 Present	12555	Register	No	No	No	No	No	No	No	No	No	No
UPM2 Normal LED	12556	Register	No	No	No	No	No	No	No	No	No	No
UPM2 Battery LED	12557	Register	No	No	No	No	No	No	No	No	No	No
UPM2 Bypass LED	12558	Register	No	No	No	No	No	No	No	No	No	No
UPM2 Notice LED	12559	Register	No	No	No	No	No	No	No	No	No	No
UPM2 Alarm LED	12560	Register	No	No	No	No	No	No	No	No	No	No
UPM2 Standby LED	12561	Register	No	No	No	No	No	No	No	No	No	No
UPM2 Present	12562	Register	No	No	No	No	No	No	No	No	No	No
UPM3 Normal LED	12563	Register	No	No	No	No	No	No	No	No	No	No
UPM3 Battery LED	12564	Register	No	No	No	No	No	No	No	No	No	No
UPM3 Bypass LED	12565	Register	No	No	No	No	No	No	No	No	No	No
UPM3 Notice LED	12566	Register	No	No	No	No	No	No	No	No	No	No
UPM3 Alarm LED	12567	Register	No	No	No	No	No	No	No	No	No	No
UPM3 Standby LED	12568	Register	No	No	No	No	No	No	No	No	No	No
UPM3 Present	12569	Register	No	No	No	No	No	No	No	No	No	No
UPM4 Normal LED	12570	Register	No	No	No	No	No	No	No	No	No	No
UPM4 Battery LED	12571	Register	No	No	No	No	No	No	No	No	No	No
UPM4 Bypass LED	12572	Register	No	No	No	No	No	No	No	No	No	No
UPM4 Notice LED	12573	Register	No	No	No	No	No	No	No	No	No	No
UPM4 Alarm LED	12574	Register	No	No	No	No	No	No	No	No	No	No
UPM4 Standby LED	12575	Register	No	No	No	No	No	No	No	No	No	No
UPM4 Present	12576	Register	No	No	No	No	No	No	No	No	No	No
UPM5 Normal LED	12577	Register	No	No	No	No	No	No	No	No	No	No
UPM5 Battery LED	12578	Register	No	No	No	No	No	No	No	No	No	No
UPM5 Bypass LED	12579	Register	No	No	No	No	No	No	No	No	No	No
UPM5 Notice LED	12580	Register	No	No	No	No	No	No	No	No	No	No
UPM5 Alarm LED	12581	Register	No	No	No	No	No	No	No	No	No	No
UPM5 Standby LED	12582	Register	No	No	No	No	No	No	No	No	No	No
UPM5 Present	12583	Register	No	No	No	No	No	No	No	No	No	No
UPM6 Normal LED	12584	Register	No	No	No	No	No	No	No	No	No	No
UPM6 Battery LED	12585	Register	No	No	No	No	No	No	No	No	No	No
UPM6 Bypass LED	12586	Register	No	No	No	No	No	No	No	No	No	No
UPM6 Notice LED	12587	Register	No	No	No	No	No	No	No	No	No	No
UPM6 Alarm LED	12588	Register	No	No	No	No	No	No	No	No	No	No
UPM6 Standby LED	12589	Register	No	No	No	No	No	No	No	No	No	No
UPM6 Present	12590	Register	No	No	No	No	No	No	No	No	No	No
UPM7 Normal LED	12591	Register	No	No	No	No	No	No	No	No	No	No
UPM7 Battery LED	12592	Register	No	No	No	No	No	No	No	No	No	No
UPM7 Bypass LED	12593	Register	No	No	No	No	No	No	No	No	No	No
UPM7 Notice LED	12594	Register	No	No	No	No	No	No	No	No	No	No
UPM7 Alarm LED	12595	Register	No	No	No	No	No	No	No	No	No	No
UPM7 Standby LED	12596	Register	No	No	No	No	No	No	No	No	No	No
UPM7 Present	12597	Register	No	No	No	No	No	No	No	No	No	No
UPM8 Normal LED	12598	Register	No	No	No	No	No	No	No	No	No	No
UPM8 Battery LED	12599	Register	No	No	No	No	No	No	No	No	No	No
UPM8 Bypass LED	12600	Register	No	No	No	No	No	No	No	No	No	No
UPM8 Notice LED	12601	Register	No	No	No	No	No	No	No	No	No	No
UPM8 Alarm LED	12602	Register	No	No	No	No	No	No	No	No	No	No
UPM8 Standby LED	12603	Register	No	No	No	No	No	No	No	No	No	No
UPM8 Present	12604	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	O-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW	30kW	9355	9395	9395P	
SBM System Redundant	12605	Register	No	No	No	No	No	No	No	No	No	No
Rectifier Status	12606	Register	No	No	No	No	No	No	No	No	No	No
Rectifier Input Status	12607	Register	No	No	No	No	No	No	No	No	No	No
Bypass Status	12608	Register	No	No	No	No	No	No	No	No	No	No
Bypass Input Status	12609	Register	No	No	No	No	No	No	No	No	No	No
Input Circuit Breaker Status (CB1)	12610	Register	No	No	No	No	No	No	No	No	No	No
Battery Disconnect Status (K2)	12611	Register	No	No	No	No	No	No	No	No	No	No
Inverter Disconnect Status (K3)	12612	Register	No	No	No	No	No	No	No	No	No	No
Inverter Status	12613	Register	No	No	No	No	No	No	No	No	No	No
UPM Normal	12614	Register	No	No	No	No	No	No	No	No	No	No
UPM On Battery	12615	Register	No	No	No	No	No	No	No	No	No	No
UPM Bypass (Off Line)	12616	Register	No	No	No	No	No	No	No	No	No	No
UPM Notice	12617	Register	No	No	No	No	No	No	No	No	No	No
UPM Alarm	12618	Register	No	No	No	No	No	No	No	No	No	No
UPM Standby	12619	Register	No	No	No	No	No	No	No	No	No	No
Parallel For Capacity System	12620	Register	No	No	No	No	No	No	No	No	No	No
Parallel for Redundant System	12621	Register	No	No	No	No	No	No	No	No	No	No
UPM System Redundant	12622	Register	No	No	No	No	No	No	No	No	No	No
MOB Closed	12623	Register	No	No	No	No	No	No	No	No	No	No
Mimic Type	12624	Register	No	No	No	No	No	No	No	No	No	No
Redundancy Level	12625	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Shutdown Imminent Time	12626	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
Bypass Available	12699	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bypass In Limits	12627	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Secondary Input In Limits	12628	Register	No	No	No	No	No	No	No	No	No	No
Input In Limits	12629	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output In Limits	12630	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inverter In Limits	17013	Register	No	No	No	No	No	No	No	No	No	No
CB1	12631	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
CB2	12632	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
CB3	12633	Register	No	No	No	No	No	No	No	No	No	No
CB4	12634	Register	No	No	No	No	No	No	No	No	No	No
MOB	12635	Register	No	No	No	No	No	No	No	No	No	No
STSW	12636	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
MIS	12637	Register	No	No	No	No	No	No	No	No	No	No
MBS	12638	Register	No	No	Yes	No	No	Yes	No	No	Yes	Yes
K1	12639	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
K2	12640	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
K3	12641	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
K4	12642	Register	No	No	No	No	No	No	No	No	No	No
K5	12643	Register	No	No	Yes	Yes	No	No	No	No	No	No
Switchgear14	12644	Register	No	No	No	No	No	No	No	No	No	No
Switchgear15	12645	Register	No	No	No	No	No	No	No	No	No	No
Switchgear16	12646	Register	No	No	No	No	No	No	No	No	No	No
Indicator - Normal	12647	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Indicator - Battery	12648	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Indicator - Bypass	12649	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Indicator - Alarm	12650	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Indicator - On	12651	Register	No	No	No	No	No	No	No	No	No	No
Indicator - Off	12652	Register	No	No	No	No	No	No	No	No	No	No
Indicator - Overload	12653	Register	No	No	No	No	No	No	No	No	No	No
Indicator - Online	12654	Register	No	No	No	No	No	No	No	No	No	No
Indicator - High Efficiency	12655	Register	No	No	No	No	No	No	No	No	No	No
Indicator - Ready	12656	Register	No	No	No	No	No	No	No	No	No	No
Indicator11	12657	Register	No	No	No	No	No	No	No	No	No	No
Indicator12	12658	Register	No	No	No	No	No	No	No	No	No	No
Indicator13	12659	Register	No	No	No	No	No	No	No	No	No	No
Indicator14	12660	Register	No	No	No	No	No	No	No	No	No	No
Indicator15	12661	Register	No	No	No	No	No	No	No	No	No	No
Indicator16	12662	Register	No	No	No	No	No	No	No	No	No	No
System On Bypass	12663	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System On Maintenance Bypass	12664	Register	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
System Output On	12665	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Energized	12666	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Utility Present	12667	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rectifier Output On	12668	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inverter Output On	12669	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Charger On	12670	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Batteries Depleted	12671	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Utility Input Breaker	12672	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Bypass Breaker-Contactor	12673	Register	No	No	Yes	Yes	No	No	No	No	No	No
Static Switch	12674	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Battery Breaker	12675	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Inverter Output Breaker-Contactor	12676	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
Load Breaker	12677	Register	No	No	No	No	No	No	No	No	No	No
Other Breaker 1	12678	Register	No	No	No	No	No	No	No	No	No	No
Other Breaker 2	12679	Register	No	No	No	No	No	No	No	No	No	No
Status - On Bypass	12681	Register	No	No	No	No	No	No	No	No	No	No
Status - On Battery	12682	Register	No	No	No	No	No	No	No	No	No	No
Indicator - Bypass Not Available	12683	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Phase A % Current THD	12684	Register	No	No	No	No	No	No	No	No	Yes	Yes
Input Phase B % Current THD	12686	Register	No	No	No	No	No	No	No	No	Yes	Yes
Input Phase C % Current THD	12688	Register	No	No	No	No	No	No	No	No	Yes	Yes
Output Phase A % Current THD	12690	Register	No	No	No	No	No	No	No	No	Yes	Yes
Output Phase B % Current THD	12692	Register	No	No	No	No	No	No	No	No	Yes	Yes
Output Phase C % Current THD	12694	Register	No	No	No	No	No	No	No	No	Yes	Yes
Profile ID	12696	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	O-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Channel Number	12697	Register	No	No	No	No	No	No	No	No	No	No
High Efficiency/ESS	12698	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Active Event 01	16000	Register	No	No	No	No	No	No	No	No	No	No
Active Event 02	16064	Register	No	No	No	No	No	No	No	No	No	No
Active Event 03	16128	Register	No	No	No	No	No	No	No	No	No	No
Active Event 04	16192	Register	No	No	No	No	No	No	No	No	No	No
Active Event 05	16256	Register	No	No	No	No	No	No	No	No	No	No
Active Event 06	16320	Register	No	No	No	No	No	No	No	No	No	No
Active Event 07	16384	Register	No	No	No	No	No	No	No	No	No	No
Active Event 08	16448	Register	No	No	No	No	No	No	No	No	No	No
Active Event 09	16512	Register	No	No	No	No	No	No	No	No	No	No
Active Event 10	16576	Register	No	No	No	No	No	No	No	No	No	No
Active Event 11	16640	Register	No	No	No	No	No	No	No	No	No	No
Active Event 12	16704	Register	No	No	No	No	No	No	No	No	No	No
Battery is Resting	17014	Register	No	No	No	No	No	No	No	No	No	No
Equalizing the Battery	17015	Register	No	No	No	No	No	No	No	No	No	No
Common Battery	17016	Register	No	No	Yes	Yes	No	No	No	No	No	No
Input 2 Vab	16800	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Vbc	16802	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Vca	16804	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Van	16806	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Vbn	16808	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Vcn	16810	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase A Voltage Ratio	16812	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase B Voltage Ratio	16814	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase C Voltage Ratio	16816	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Ia	16818	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Ib	16820	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Ic	16822	Register	No	No	No	No	No	No	No	No	No	No
Input 2 In	16824	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Ig	16826	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase A Current Ratio	16828	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase B Current Ratio	16830	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase C Current Ratio	16832	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Watts	16834	Register	No	No	No	No	No	No	No	No	No	No
Input 2 VA	16836	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Demand Energy over the last hour	16838	Register	No	No	No	No	No	No	No	No	No	No
Input 2 KW Hours	16840	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Monthly KW Hours	16842	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Yearly KW Hours	16844	Register	No	No	No	No	No	No	No	No	No	No
Input 2 percent of rated KVA load	16846	Register	No	No	No	No	No	No	No	No	No	No
Input 2 PF Disp	16848	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase A % Current THD	16850	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase B % Current THD	16852	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase C % Current THD	16854	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase A % Voltage THD	16856	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase B % Voltage THD	16858	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase C % Voltage THD	16860	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase A Crest Factor	16862	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase B Crest Factor	16864	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Phase C Crest Factor	16866	Register	No	No	No	No	No	No	No	No	No	No
Input 2 Frequency	16868	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Vab	16870	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Vbc	16872	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Vca	16874	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Van	16876	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Vbn	16878	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Vcn	16880	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase A Voltage Ratio	16882	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase B Voltage Ratio	16884	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase C Voltage Ratio	16886	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Ia	16888	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Ib	16890	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Ic	16892	Register	No	No	No	No	No	No	No	No	No	No
Output 1 In	16894	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Ig	16896	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase A Current Ratio	16898	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase B Current Ratio	16900	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase C Current Ratio	16902	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Watts	16904	Register	No	No	No	No	No	No	No	No	No	No
Output 1 VA	16906	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Demand Energy over the last hour	16908	Register	No	No	No	No	No	No	No	No	No	No
Output 1 KW Hours	16910	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Monthly KW Hours	16912	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Yearly KW Hours	16914	Register	No	No	No	No	No	No	No	No	No	No
Output 1 percent of rated KVA load	16916	Register	No	No	No	No	No	No	No	No	No	No
Output 1 PF Disp	16918	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase A % Current THD	16920	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase B % Current THD	16922	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase C % Current THD	16924	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase A % Voltage THD	16926	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase B % Voltage THD	16928	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase C % Voltage THD	16930	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase A Crest Factor	16932	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase B Crest Factor	16934	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Phase C Crest Factor	16936	Register	No	No	No	No	No	No	No	No	No	No
Output 1 Frequency	16938	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Output 2 Vab	16940	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Vbc	16942	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Vca	16944	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Van	16946	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Vbn	16948	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Vcn	16950	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase A Voltage Ratio	16952	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase B Voltage Ratio	16954	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase C Voltage Ratio	16956	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Ia	16958	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Ib	16960	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Ic	16962	Register	No	No	No	No	No	No	No	No	No	No
Output 2 In	16964	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Ig	16966	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase A Current Ratio	16968	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase B Current Ratio	16970	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase C Current Ratio	16972	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Watts	16974	Register	No	No	No	No	No	No	No	No	No	No
Output 2 VA	16976	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Demand Energy over the last hour	16978	Register	No	No	No	No	No	No	No	No	No	No
Output 2 KW Hours	16980	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Monthly KW Hours	16982	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Yearly KW Hours	16984	Register	No	No	No	No	No	No	No	No	No	No
Output 2 percent of rated KVA load	16986	Register	No	No	No	No	No	No	No	No	No	No
Output 2 PF Disp	16988	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase A % Current THD	16990	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase B % Current THD	16992	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase C % Current THD	16994	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase A % Voltage THD	16996	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase B % Voltage THD	16998	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase C % Voltage THD	17000	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase A Crest Factor	17002	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase B Crest Factor	17004	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Phase C Crest Factor	17006	Register	No	No	No	No	No	No	No	No	No	No
Output 2 Frequency	17008	Register	No	No	No	No	No	No	No	No	No	No
Bypass Present/Installed	17010	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
System Not On Maintenance Bypass	17011	Register	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Bypass Utility Present	17012	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System Normal	12680	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Output Hot	17017	Register	No	No	Yes	Yes	No	No	No	No	No	No
ESS Installed	17018	Register	No	No	No	No	No	No	No	No	No	No
ESS Enabled	17019	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
ABM Installed	17020	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ABM Enabled	17021	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ABM Active	17022	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ABM Off	17023	Register	No	No	No	No	No	No	No	No	No	No
VMMS Installed	17024	Register	No	No	Yes	Yes	No	No	No	No	No	No
VMMS Enabled	17025	Register	No	No	Yes	Yes	No	No	No	No	No	No
VMMS Active	17026	Register	No	No	Yes	Yes	No	No	No	No	No	No
Load Power Off	17027	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
On Battery	17028	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
On MBS Battery	17029	Register	No	No	No	No	No	No	No	No	No	No
On MBS Normal	17030	Register	No	No	No	No	No	No	No	No	No	No
On MBS Bypass	17031	Register	No	No	No	No	No	No	No	No	No	No
On MBS Load Off	17032	Register	No	No	No	No	No	No	No	No	No	No
In Service Mode	17033	Register	No	No	No	No	No	No	No	No	No	No
HRS Installed	17034	Register	No	No	Yes	Yes	No	No	No	No	No	No
HRS Enabled	17035	Register	No	No	Yes	Yes	No	No	No	No	No	No
HRS On	17036	Register	No	No	Yes	Yes	No	No	No	No	No	No
VMMS Level	17037	Register	No	No	Yes	Yes	No	No	No	No	No	No
Battery Health	17038	Register	No	No	Yes	Yes	No	No	No	No	No	No
Battery Voltage (VPC)	17039	Register	No	No	No	No	No	No	No	No	No	No
Battery Test 1 Result	17041	Register	No	No	No	No	No	No	No	No	No	No
Battery Test 1 Time	17042	Register	No	No	No	No	No	No	No	No	No	No
Battery Test 1 Total Discharge Power	17044	Register	No	No	No	No	No	No	No	No	No	No
Datetime Of Last Battery Test 1	17046	Register	No	No	No	No	No	No	No	No	No	No
Battery Test 2 Result	17049	Register	No	No	No	No	No	No	No	No	No	No
Battery Test 2 Time	17050	Register	No	No	No	No	No	No	No	No	No	No
Battery Test 2 Total Discharge Power	17052	Register	No	No	No	No	No	No	No	No	No	No
Datetime Of Last Battery Test 2	17054	Register	No	No	No	No	No	No	No	No	No	No
PV String 1 LastHour Energy	17057	Register	No	No	No	No	No	No	No	No	No	No
PV String 2 LastHour Energy	17059	Register	No	No	No	No	No	No	No	No	No	No
PV Boost Converter Output Power	17061	Register	No	No	No	No	No	No	No	No	No	No
PV Boost Converter Output LastHour Energy	17063	Register	No	No	No	No	No	No	No	No	No	No
Inverter AC Over Voltage	1000	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Inverter AC Under Voltage	1001	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inverter Under Or Over Frequency	1002	Discrete	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Bypass AC Over Voltage	1003	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Bypass AC Under Voltage	1004	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Bypass Under Or Over Frequency	1005	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Input AC Over Voltage	1006	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input AC Under Voltage	1007	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Under Or Over Frequency	1008	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output AC Over Voltage	1009	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Output AC Under Voltage	1010	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Under Or Over Frequency	1011	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Remote Emergency Power Off	1012	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Remote Go To Bypass	1013	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 6	1014	Discrete	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 5	1015	Discrete	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 4	1016	Discrete	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 3	1017	Discrete	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 2	1018	Discrete	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 1	1019	Discrete	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Static Switch Over Temperature	1020	Discrete	No	No	No	No	No	No	No	No	No	No
Charger Over Temperature	1021	Discrete	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Charger Tripped	1022	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Charger Over Voltage Or Current	1023	Discrete	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Inverter Over Temperature	1024	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Output Overload	1025	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rectifier Input Over Current	1026	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter Output Over Current	1027	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
DC Link Over Voltage	1028	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DC Link Under Voltage	1029	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Rectifier	1030	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Inverter	1031	Discrete	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Check Battery Switchgear	1032	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Bypass Switchgear	1033	Discrete	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Check Charger	1034	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Ramp Up Failed	1035	Discrete	No	No	No	No	No	No	No	No	No	No
Check Static Switch	1036	Discrete	No	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Analog Board AD Reference Fail	1037	Discrete	No	No	No	No	No	No	No	No	No	No
Bypass Uncalibrated	1038	Discrete	No	No	No	No	No	No	No	No	No	No
Input Uncalibrated	1039	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Output Uncalibrated	1040	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Uncalibrated	1041	Discrete	No	No	No	No	No	No	No	No	No	No
DC Voltage Uncalibrated	1042	Discrete	No	No	No	No	No	No	No	No	No	No
Output Current Uncalibrated	1043	Discrete	No	No	No	No	No	No	No	No	No	No
Rectifier Current Uncalibrated	1044	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Current Uncalibrated	1045	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Inverter On Off Stat Failure	1046	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Current Limit	1047	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter Startup Failure	1048	Discrete	No	No	No	No	No	No	No	No	No	No
Check Analog Input Processor	1049	Discrete	No	No	No	No	No	No	No	No	No	No
Output Load Over 100 Percent	1050	Discrete	No	No	No	No	No	No	No	No	No	No
Check Battery Ground	1051	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Waiting For Charger Sync	1052	Discrete	No	No	No	No	No	No	No	No	No	No
Non-Volatile Memory Failure	1053	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Analog Processor Failure	1054	Discrete	No	No	No	No	No	No	No	No	No	No
Shutdown Imminent	1055	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Voltage Low	1056	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Utility Out Of Limits	1057	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Short Circuit	1058	Discrete	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Utility Not Present	1059	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Full Time Charging	1060	Discrete	No	No	No	No	No	No	No	No	No	No
AD Error	1061	Discrete	No	No	No	No	No	No	No	No	No	No
Internal Communication Failure	1062	Discrete	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Rectifier Failed Self-Test	1063	Discrete	No	No	No	No	No	No	No	No	No	No
Rectifier EEPROM Failure	1064	Discrete	No	No	No	No	No	No	No	No	No	No
Rectifier EPROM Failure	1065	Discrete	No	No	No	No	No	No	No	No	No	No
Input Line Voltage Loss	1066	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Voltage High	1067	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Supply Over Temperature	1068	Discrete	No	No	No	No	No	No	No	No	No	No
Check Power Supply	1069	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Logic Power Supply	1070	Discrete	No	No	No	No	No	No	No	No	No	No
Check Secondary Power Supply	1071	Discrete	No	No	No	No	No	No	No	No	No	No
Heatsink Over Temperature	1072	Discrete	No	No	No	No	No	No	No	Yes	Yes	Yes
Check Heatsink Temperature Sensor	1073	Discrete	No	No	No	No	No	No	No	No	No	No
Rectifier Current Over 125 Percent	1074	Discrete	Yes	No	No	No	No	No	No	No	Yes	Yes
Rectifier Tripped	1075	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Check Rectifier Power Capacitors	1076	Discrete	No	No	No	No	No	No	No	No	No	No
Program Stack Error	1077	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Control Board Failed Self-Test	1078	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter AD Converter Self-Test Failed	1079	Discrete	No	No	No	No	No	No	No	No	No	No
RAM Device Self-Test Failure	1080	Discrete	No	No	No	No	No	No	No	No	No	No
Nonvolatile Data Checksum Failure	1081	Discrete	No	No	No	No	No	No	No	No	No	No
Program Checksum Failure	1082	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter CPU Self-Test Failed	1083	Discrete	No	No	No	No	No	No	No	No	No	No
Network Not Responding	1084	Discrete	No	No	No	No	No	No	No	No	No	No
Front Panel Self-Test Failure	1085	Discrete	No	No	No	No	No	No	No	No	No	No
Invalid Module Configuration	1086	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm Test Failure	1087	Discrete	No	No	No	No	No	No	No	No	No	No
Output DC Over Voltage	1088	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Input Phase Rotation Error	1089	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Inverter Ramp Up Test Failed	1090	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Off Command	1091	Discrete	No	No	No	No	No	No	No	No	No	No
To Bypass Command	1092	Discrete	No	No	No	No	No	No	No	No	No	No
Emergency Shutdown Command	1093	Discrete	No	No	No	No	No	No	No	No	No	No
Setup Switch Open	1094	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter AC Over Voltage (Interrupt)	1095	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter AC Under Voltage (Interrupt)	1096	Discrete	No	No	No	No	No	No	No	No	No	No
Absolute DCOV ACOV (Interrupt)	1097	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Inverter Current Limit	1098	Discrete	Yes	No	No	No	No	No	No	No	Yes	Yes
Phase B Inverter Current Limit	1099	Discrete	No	No	No	No	No	No	No	No	Yes	Yes

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Phase C Inverter Current Limit	1100	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Bypass Source Out Of Tolerance	1101	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rectifier Switchgear CB1 Open	1102	Discrete	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Battery Switchgear CB2 Open	1103	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Inverter Switchgear CB3 Open	1104	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Bypass Switchgear CB4 Open	1105	Discrete	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter Tripped	1106	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Over Temperature Trip	1107	Discrete	No	No	No	No	No	No	Yes	Yes	Yes	Yes
DC-DC Converter Tripped	1108	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Voltage Feedback Error	1109	Discrete	No	No	No	No	No	No	No	No	No	No
DC Under Voltage Timeout	1110	Discrete	No	No	No	No	No	No	No	No	No	No
AC Under Voltage Timeout	1111	Discrete	No	No	No	No	No	No	No	No	No	No
DCUV While Charger Is Full On	1112	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Inverter Voltage Bias Error	1113	Discrete	No	No	No	No	No	No	No	No	No	No
Multi Phase Rotation	1114	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Bypass Phase Rotation	1115	Discrete	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Check System Interface Board	1116	Discrete	No	No	No	No	No	No	No	No	No	No
Check Parallel Board	1117	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Phase A Loss Of Load Sharing	1118	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Loss Of Load Sharing	1119	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Loss Of Load Sharing	1120	Discrete	No	No	No	No	No	No	No	No	No	No
DC Over Voltage Timeout	1121	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Totally Discharged	1122	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter Phase Bias Error	1123	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter DC Bias Error	1124	Discrete	No	No	No	No	No	No	No	No	No	No
Large Charger Input Current	1125	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Inverter Voltage Too Low For Ramp Level	1126	Discrete	No	No	No	No	No	No	No	No	No	No
System Not Redundant	1127	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Loss Of Sync Bus	1128	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rectifier Switchgear Shunt Tripped	1129	Discrete	No	No	No	No	No	No	No	No	No	No
Loss Of Charger Sync	1130	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Inverter Low Level Test Timeout	1131	Discrete	No	No	No	No	No	No	No	No	No	No
Output Switchgear Open	1132	Discrete	No	No	No	No	No	No	No	No	No	Yes
Bypass Power Loss	1133	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Maintenance Bypass Mode	1134	Discrete	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
CPU ISR Error	1135	Discrete	No	No	No	No	No	No	No	No	No	No
Firmware Restarted	1136	Discrete	No	No	No	No	No	No	No	No	No	No
Check Battery	1137	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Not Charged	1138	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Overload	1139	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase B Overload	1140	Discrete	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase C Overload	1141	Discrete	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
Phase A Overload (High Level/Level 2)	1142	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase B Overload (High Level/Level 2)	1143	Discrete	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase C Overload (High Level/Level 2)	1144	Discrete	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
Phase A Overload (Extreme Level/Level 3)	1145	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase B Overload (Extreme Level/Level 3)	1146	Discrete	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase C Overload (Extreme Level/Level 3)	1147	Discrete	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
UPS On Battery	1148	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UPS On Bypass	1149	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Load Dumped (Load Power Off)	1150	Discrete	No	No	No	No	No	No	No	No	No	No
Low Battery Shutdown	1151	Discrete	No	No	No	No	No	No	No	No	No	No
Software Incompatibility Detected	1152	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Check Inverter Temperature Sensor	1153	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Waiting For Utility Input	1154	Discrete	No	No	No	No	No	No	No	No	No	No
Check Bypass	1155	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Load Off Command Executed	1156	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Test Failed	1157	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Fuse	1158	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Check Fan	1159	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Site Wiring Fault	1160	Discrete	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Check Backfeed Switchgear	1161	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Disconnected	1162	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UPS Cabinet Over Temperature	1163	Discrete	No	No	No	No	No	No	No	No	No	No
Transformer Over Temperature	1164	Discrete	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Ambient Under Temperature	1165	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Ambient Over Temperature	1166	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cabinet Door Open	1167	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Cabinet Door Open With Voltage Present	1168	Discrete	No	No	No	No	No	No	No	No	No	No
Automatic Shutdown Pending	1169	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Tap-Switching Relay Failure	1170	Discrete	No	No	No	No	No	No	No	No	No	No
Unable To Charge Battery	1171	Discrete	No	No	No	No	No	No	No	No	No	No
Startup Failed - Check EPO Reset	1172	Discrete	No	No	No	No	No	No	No	No	No	No
Automatic Startup Pending	1173	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Check Modem	1174	Discrete	No	No	No	No	No	No	No	No	No	No
Modem Call Completion Failed	1175	Discrete	No	No	No	No	No	No	No	No	No	No
Check Input Switchgear	1176	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Autocalibration Failed	1177	Discrete	No	No	No	No	No	No	No	No	No	No
Selective Trip Of Module	1178	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Inverter Output Failure	1179	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Abnormal Output Voltage At Startup	1180	Discrete	No	No	No	No	No	No	No	No	No	No
Rectifier Over Temperature	1181	Discrete	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Configuration Error	1182	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Redundancy Loss Due To Overload	1183	Discrete	No	No	No	No	No	No	No	No	No	No
On Alternate AC Source	1184	Discrete	No	No	No	No	No	No	No	No	No	No
System Notice Active	1185	Discrete	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
System Alarm Active	1186	Discrete	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Alternate Power Source Not Available	1187	Discrete	No	No	No	No	No	No	No	No	No	No
Current Balance Failure	1188	Discrete	No	No	No	No	No	No	No	No	No	No
Check Air Filter	1189	Discrete	No	No	No	No	No	No	No	No	No	No
Subsystem Notice Active	1190	Discrete	No	No	No	No	No	No	No	No	No	No
Subsystem Alarm Active	1191	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Phase Rotation	1192	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UPS Module Off	1193	Discrete	No	No	No	No	No	No	No	No	No	No
External Communication Failure	1194	Discrete	No	No	Yes	Yes	No	No	No	No	Yes	Yes
Invalid Board ID	1195	Discrete	No	No	No	No	No	No	No	No	No	No
Check Inverter Switchgear	1196	Discrete	No	No	No	No	No	No	No	No	No	No
Output Watts Overload	1197	Discrete	No	No	No	No	No	No	No	No	No	No
Check Precharge	1198	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral Current Limit	1199	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Close Battery Switchgear	1200	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
UPS On Generator	1201	Discrete	No	No	No	No	No	Yes	No	No	Yes	Yes
Rectifier Over Temperature Trip	1202	Discrete	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Check Rectifier Temperature Sensor	1203	Discrete	No	No	No	No	No	No	No	No	No	No
Test Aborted	1204	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Rectifier Current Limit	1205	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Phase B Rectifier Current Limit	1206	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Phase C Rectifier Current Limit	1207	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Not Enough UPMs Ready	1208	Discrete	No	No	No	No	No	No	No	No	No	No
Modem Call Aborted	1209	Discrete	No	No	No	No	No	No	No	No	No	No
Transformer Over Temperature Warning	1210	Discrete	No	No	No	No	No	No	No	No	No	No
Output Line Voltage Loss	1211	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A High Input Thd	1212	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B High Input Thd	1213	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C High Input Thd	1214	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A High Output Thd	1215	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B High Output Thd	1216	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C High Output Thd	1217	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral Overload Warning	1218	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral Overload	1219	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Current Warning	1220	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Current Overload	1221	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Input Voltage Thd Warning	1222	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Input Voltage Thd Warning	1223	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Input Voltage Thd Warning	1224	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Input Current Thd Warning	1225	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Input Current Thd Warning	1226	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Input Current Thd Warning	1227	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Output Voltage Thd Warning	1228	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Output Voltage Thd Warning	1229	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Output Voltage Thd Warning	1230	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Output Current Thd Warning	1231	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Output Current Thd Warning	1232	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Output Current Thd Warning	1233	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Loss	1234	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Loss	1235	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Loss	1236	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Loss	1237	Discrete	No	No	No	No	No	No	No	No	No	No
Under Voltage	1238	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Under Voltage	1239	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Under Voltage	1240	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Under Voltage	1241	Discrete	No	No	No	No	No	No	No	No	No	No
Over Voltage	1242	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Over Voltage	1243	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Over Voltage	1244	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Over Voltage	1245	Discrete	No	No	No	No	No	No	No	No	No	No
Under Frequency Warning	1246	Discrete	No	No	No	No	No	No	No	No	No	No
Over Frequency Warning	1247	Discrete	No	No	No	No	No	No	No	No	No	No
Under or Over Frequency Warning	1248	Discrete	No	No	No	No	No	No	No	No	No	No
Branch Breaker Overload Warning	1249	Discrete	No	No	No	No	No	No	No	No	No	No
Branch Breaker Overload	1250	Discrete	No	No	No	No	No	No	No	No	No	No
Branch Breaker Monitoring Failure	1251	Discrete	No	No	No	No	No	No	No	No	No	No
Branch Breaker Disconnected	1252	Discrete	No	No	No	No	No	No	No	No	No	No
Main Breaker Overload Warning	1253	Discrete	No	No	No	No	No	No	No	No	No	No
Main Breaker Overload	1254	Discrete	No	No	No	No	No	No	No	No	No	No
Main Breaker Monitoring Failure	1255	Discrete	No	No	No	No	No	No	No	No	No	No
Primary Breaker Open	1256	Discrete	No	No	No	No	No	No	No	No	No	No
Primary Breaker Tripped	1257	Discrete	No	No	No	No	No	No	No	No	No	No
Secondary Breaker Open	1258	Discrete	No	No	No	No	No	No	No	No	No	No
Secondary Breaker Tripped	1259	Discrete	No	No	No	No	No	No	No	No	No	No
Vab Out of Limit	1260	Discrete	No	No	No	No	No	No	No	No	No	No
Vbc Out of Limit	1261	Discrete	No	No	No	No	No	No	No	No	No	No
Vca Out of Limit	1262	Discrete	No	No	No	No	No	No	No	No	No	No
Vng Out of Limit	1263	Discrete	No	No	No	No	No	No	No	No	No	No
Vln Out of Limit	1264	Discrete	No	No	No	No	No	No	No	No	No	No
Van Out of Limit	1265	Discrete	No	No	No	No	No	No	No	No	No	No
Vbn Out of Limit	1266	Discrete	No	No	No	No	No	No	No	No	No	No
Vcn Out of Limit	1267	Discrete	No	No	No	No	No	No	No	No	No	No
Vab Aux Out of Limit	1268	Discrete	No	No	No	No	No	No	No	No	No	No
Vbc Aux Out of Limit	1269	Discrete	No	No	No	No	No	No	No	No	No	No
Vca Aux Out of Limit	1270	Discrete	No	No	No	No	No	No	No	No	No	No
Vll Aux Out of Limit	1271	Discrete	No	No	No	No	No	No	No	No	No	No
Positive Sequence Symmetric Voltage Out of Limit	1272	Discrete	No	No	No	No	No	No	No	No	No	No
Negative Sequence Symmetric Voltage Out of Limit	1273	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Zero Sequence Symmetric Voltage Out of Limit	1274	Discrete	No	No	No	No	No	No	No	No	No	No
Voltage Unbalance Out of Limit	1275	Discrete	No	No	No	No	No	No	No	No	No	No
Ia Out of Limit	1276	Discrete	No	No	No	No	No	No	No	No	No	No
Ib Out of Limit	1277	Discrete	No	No	No	No	No	No	No	No	No	No
Ic Out of Limit	1278	Discrete	No	No	No	No	No	No	No	No	No	No
In Out of Limit	1279	Discrete	No	No	No	No	No	No	No	No	No	No
Ig Out of Limit	1280	Discrete	No	No	No	No	No	No	No	No	No	No
I Avg Out of Limit	1281	Discrete	No	No	No	No	No	No	No	No	No	No
Positive Sequence Symmetric Current Out of Limit	1282	Discrete	No	No	No	No	No	No	No	No	No	No
Negative Sequence Symmetric Current Out of Limit	1283	Discrete	No	No	No	No	No	No	No	No	No	No
Zero Sequence Symmetric Current Out of Limit	1284	Discrete	No	No	No	No	No	No	No	No	No	No
Current Unbalance Out of Limit	1285	Discrete	No	No	No	No	No	No	No	No	No	No
Frequency Out of Limit	1286	Discrete	No	No	No	No	No	No	No	No	No	No
3 Phase Real Power Out of Limit	1287	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Real Power Out of Limit	1288	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Real Power Out of Limit	1289	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Real Power Out of Limit	1290	Discrete	No	No	No	No	No	No	No	No	No	No
3 Phase Reactive Power Out of Limit	1291	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Reactive Power Out of Limit	1292	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Reactive Power Out of Limit	1293	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Reactive Power Out of Limit	1294	Discrete	No	No	No	No	No	No	No	No	No	No
3 Phase Apparent Power Out of Limit	1295	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Apparent Power Out of Limit	1296	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Apparent Power Out of Limit	1297	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Apparent Power Out of Limit	1298	Discrete	No	No	No	No	No	No	No	No	No	No
3 Phase Displacement Power Factor Out of Limit	1299	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Displacement Power Factor Out of Limit	1300	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Displacement Power Factor Out of Limit	1301	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Displacement Power Factor Out of Limit	1302	Discrete	No	No	No	No	No	No	No	No	No	No
3 Phase Apparent Power Factor Out of Limit	1303	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Apparent Power Factor Out of Limit	1304	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Apparent Power Factor Out of Limit	1305	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Apparent Power Factor Out of Limit	1306	Discrete	No	No	No	No	No	No	No	No	No	No
System THD Current Out of Limit	1307	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A THD Current Out of Limit	1308	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B THD Current Out of Limit	1309	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C THD Current Out of Limit	1310	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Line THD Voltage Out of Limit	1311	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Neutral THD Voltage Out of Limit	1312	Discrete	No	No	No	No	No	No	No	No	No	No
Vab THD Out of Limit	1313	Discrete	No	No	No	No	No	No	No	No	No	No
Vbc THD Out of Limit	1314	Discrete	No	No	No	No	No	No	No	No	No	No
Vca THD Out of Limit	1315	Discrete	No	No	No	No	No	No	No	No	No	No
Van THD Out of Limit	1316	Discrete	No	No	No	No	No	No	No	No	No	No
Vbn THD Out of Limit	1317	Discrete	No	No	No	No	No	No	No	No	No	No
Vcn THD Out of Limit	1318	Discrete	No	No	No	No	No	No	No	No	No	No
System Odd Harmonic Distortion Current Out of Limit	1319	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Odd Harmonic Distortion Current Out of Limit	1320	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Odd Harmonic Distortion Current Out of Limit	1321	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Odd Harmonic Distortion Current Out of Limit	1322	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Line Odd Harmonic Distortion Voltage Out of Limit	1323	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Neutral Odd Harmonic Distortion Voltage Out of Limit	1324	Discrete	No	No	No	No	No	No	No	No	No	No
Vab Odd Harmonic Distortion Out of Limit	1325	Discrete	No	No	No	No	No	No	No	No	No	No
Vbc Odd Harmonic Distortion Out of Limit	1326	Discrete	No	No	No	No	No	No	No	No	No	No
Vca Odd Harmonic Distortion Out of Limit	1327	Discrete	No	No	No	No	No	No	No	No	No	No
Van Odd Harmonic Distortion Out of Limit	1328	Discrete	No	No	No	No	No	No	No	No	No	No
Vbn Odd Harmonic Distortion Out of Limit	1329	Discrete	No	No	No	No	No	No	No	No	No	No
Vcn Odd Harmonic Distortion Out of Limit	1330	Discrete	No	No	No	No	No	No	No	No	No	No
System Inter Harmonic Distortion Current Out of Limit	1331	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Inter Harmonic Distortion Current Out of Limit	1332	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Inter Harmonic Distortion Current Out of Limit	1333	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Inter Harmonic Distortion Current Out of Limit	1334	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Line Inter Harmonic Distortion Voltage Out of Limit	1335	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Neutral Inter Harmonic Distortion Voltage Out of Limit	1336	Discrete	No	No	No	No	No	No	No	No	No	No
Vab Inter Harmonic Distortion Out of Limit	1337	Discrete	No	No	No	No	No	No	No	No	No	No
Vbc Inter Harmonic Distortion Out of Limit	1338	Discrete	No	No	No	No	No	No	No	No	No	No
Vca Inter Harmonic Distortion Out of Limit	1339	Discrete	No	No	No	No	No	No	No	No	No	No
Van Inter Harmonic Distortion Out of Limit	1340	Discrete	No	No	No	No	No	No	No	No	No	No
Vbn Inter Harmonic Distortion Out of Limit	1341	Discrete	No	No	No	No	No	No	No	No	No	No
Vcn Inter Harmonic Distortion Out of Limit	1342	Discrete	No	No	No	No	No	No	No	No	No	No
System Even Harmonic Distortion Current Out of Limit	1343	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Even Harmonic Distortion Current Out of Limit	1344	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Even Harmonic Distortion Current Out of Limit	1345	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Even Harmonic Distortion Current Out of Limit	1346	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Line Even Harmonic Distortion Voltage Out of Limit	1347	Discrete	No	No	No	No	No	No	No	No	No	No
System Line-Neutral Even Harmonic Distortion Voltage Out of Limit	1348	Discrete	No	No	No	No	No	No	No	No	No	No
Vab Even Harmonic Distortion Out of Limit	1349	Discrete	No	No	No	No	No	No	No	No	No	No
Vbc Even Harmonic Distortion Out of Limit	1350	Discrete	No	No	No	No	No	No	No	No	No	No
Vca Even Harmonic Distortion Out of Limit	1351	Discrete	No	No	No	No	No	No	No	No	No	No
Van Even Harmonic Distortion Out of Limit	1352	Discrete	No	No	No	No	No	No	No	No	No	No
Vbn Even Harmonic Distortion Out of Limit	1353	Discrete	No	No	No	No	No	No	No	No	No	No
Vcn Even Harmonic Distortion Out of Limit	1354	Discrete	No	No	No	No	No	No	No	No	No	No
VII Flicker Perceptibility Out of Limit	1355	Discrete	No	No	No	No	No	No	No	No	No	No
VIn Flicker Perceptibility Out of Limit	1356	Discrete	No	No	No	No	No	No	No	No	No	No
Vab Flicker Perceptibility Out of Limit	1357	Discrete	No	No	No	No	No	No	No	No	No	No
Vbc Flicker Perceptibility Out of Limit	1358	Discrete	No	No	No	No	No	No	No	No	No	No
Vca Flicker Perceptibility Out of Limit	1359	Discrete	No	No	No	No	No	No	No	No	No	No
Van Flicker Perceptibility Out of Limit	1360	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Vbn Flicker Perceptibility Out of Limit	1361	Discrete	No	No	No	No	No	No	No	No	No	No
Vcn Flicker Perceptibility Out of Limit	1362	Discrete	No	No	No	No	No	No	No	No	No	No
L1 Sag	1363	Discrete	No	No	No	No	No	No	No	No	No	No
L2 Sag	1364	Discrete	No	No	No	No	No	No	No	No	No	No
L4 Sag	1365	Discrete	No	No	No	No	No	No	No	No	No	No
L8 Sag	1366	Discrete	No	No	No	No	No	No	No	No	No	No
L1 Swell	1367	Discrete	No	No	No	No	No	No	No	No	No	No
L2 Swell	1368	Discrete	No	No	No	No	No	No	No	No	No	No
L4 Swell	1369	Discrete	No	No	No	No	No	No	No	No	No	No
L8 Swell	1370	Discrete	No	No	No	No	No	No	No	No	No	No
Sub-Cycle Disturbance	1371	Discrete	No	No	No	No	No	No	No	No	No	No
Fast Transient	1372	Discrete	No	No	No	No	No	No	No	No	No	No
Forward Watts Demand Overload	1373	Discrete	No	No	No	No	No	No	No	No	No	No
Reverse Watts Demand Overload	1374	Discrete	No	No	No	No	No	No	No	No	No	No
Total Watts Demand Overload	1375	Discrete	No	No	No	No	No	No	No	No	No	No
Net Watts Demand Overload	1376	Discrete	No	No	No	No	No	No	No	No	No	No
Leading VArS Demand Overload	1377	Discrete	No	No	No	No	No	No	No	No	No	No
Lagging VArS Demand Overload	1378	Discrete	No	No	No	No	No	No	No	No	No	No
Total VArS Demand Overload	1379	Discrete	No	No	No	No	No	No	No	No	No	No
Net VArS Demand Overload	1380	Discrete	No	No	No	No	No	No	No	No	No	No
VA Demand Overload	1381	Discrete	No	No	No	No	No	No	No	No	No	No
Amps Demand Overload	1382	Discrete	No	No	No	No	No	No	No	No	No	No
Event 1	1383	Discrete	No	No	No	No	No	No	No	No	No	No
Event 2	1384	Discrete	No	No	No	No	No	No	No	No	No	No
Event 3	1385	Discrete	No	No	No	No	No	No	No	No	No	No
Event 4	1386	Discrete	No	No	No	No	No	No	No	No	No	No
Event 5	1387	Discrete	No	No	No	No	No	No	No	No	No	No
Event 6	1388	Discrete	No	No	No	No	No	No	No	No	No	No
Event 7	1389	Discrete	No	No	No	No	No	No	No	No	No	No
Event 8	1390	Discrete	No	No	No	No	No	No	No	No	No	No
Event 9	1391	Discrete	No	No	No	No	No	No	No	No	No	No
Event 10	1392	Discrete	No	No	No	No	No	No	No	No	No	No
Event 11	1393	Discrete	No	No	No	No	No	No	No	No	No	No
Event 12	1394	Discrete	No	No	No	No	No	No	No	No	No	No
Event 13	1395	Discrete	No	No	No	No	No	No	No	No	No	No
Event 14	1396	Discrete	No	No	No	No	No	No	No	No	No	No
Event 15	1397	Discrete	No	No	No	No	No	No	No	No	No	No
Event 16	1398	Discrete	No	No	No	No	No	No	No	No	No	No
Event 17	1399	Discrete	No	No	No	No	No	No	No	No	No	No
Event 18	1400	Discrete	No	No	No	No	No	No	No	No	No	No
Event 19	1401	Discrete	No	No	No	No	No	No	No	No	No	No
Event 20	1402	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 Aux Vx Under Volt Flag	1403	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 Aux Vx Under Volt Flag	1404	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Main Vp Under Volt Flag	1405	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Main Vp Under Volt Flag	1406	Discrete	No	No	No	No	No	No	No	No	No	No
32-1 Power Operation Flag	1407	Discrete	No	No	No	No	No	No	No	No	No	No
32-2 Power Operation Flag	1408	Discrete	No	No	No	No	No	No	No	No	No	No
32-3 Power Operation Flag	1409	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Current Unbal Op Flag	1410	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Current Unbal Op Flag	1411	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 Voltage Unbalance Op Flag	1412	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 Voltage Unbalance Op Flag	1413	Discrete	No	No	No	No	No	No	No	No	No	No
50P-1 Phase IOC Operation Flag	1414	Discrete	No	No	No	No	No	No	No	No	No	No
50P-2 Phase IOC Operation Flag	1415	Discrete	No	No	No	No	No	No	No	No	No	No
50P-3 Phase IOC Operation Flag	1416	Discrete	No	No	No	No	No	No	No	No	No	No
50R-1 Ir IOC Operation Flag	1417	Discrete	No	No	No	No	No	No	No	No	No	No
50R-2 Ir IOC Operation Flag	1418	Discrete	No	No	No	No	No	No	No	No	No	No
50R-3 Ir IOC Operation Flag	1419	Discrete	No	No	No	No	No	No	No	No	No	No
50X-1 Ix IOC Operation Flag	1420	Discrete	No	No	No	No	No	No	No	No	No	No
50X-2 Ix IOC Operation Flag	1421	Discrete	No	No	No	No	No	No	No	No	No	No
50X-3 Ix IOC Operation Flag	1422	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Phase TOC Operation Flag	1423	Discrete	No	No	No	No	No	No	No	No	No	No
51P Phase TOC Operation Flag	1424	Discrete	No	No	No	No	No	No	No	No	No	No
51R Ir TOC Operation Flag	1425	Discrete	No	No	No	No	No	No	No	No	No	No
51X Ix TOC Operation Flag	1426	Discrete	No	No	No	No	No	No	No	No	No	No
55A App Pwr Factor Op Flag	1427	Discrete	No	No	No	No	No	No	No	No	No	No
55D Displ Pwr Factor Op Flag	1428	Discrete	No	No	No	No	No	No	No	No	No	No
59-A1 Aux Vx Over Volt Flag	1429	Discrete	No	No	No	No	No	No	No	No	No	No
59-A2 Aux Vx Over Volt Flag	1430	Discrete	No	No	No	No	No	No	No	No	No	No
59-M1 Main Vp Over Volt Flag	1431	Discrete	No	No	No	No	No	No	No	No	No	No
59-M2 Main Vp Over Volt Flag	1432	Discrete	No	No	No	No	No	No	No	No	No	No
59N-1 Residual Voltage Operation Flag	1433	Discrete	No	No	No	No	No	No	No	No	No	No
59N-2 Residual Voltage Operation Flag	1434	Discrete	No	No	No	No	No	No	No	No	No	No
810-1 Overfrequency Op Flag	1435	Discrete	No	No	No	No	No	No	No	No	No	No
810-2 Overfrequency Op Flag	1436	Discrete	No	No	No	No	No	No	No	No	No	No
81U-1 Underfrequency Op Flag	1437	Discrete	No	No	No	No	No	No	No	No	No	No
81U-2 Underfrequency Op Flag	1438	Discrete	No	No	No	No	No	No	No	No	No	No
Accumulated Interrupted Current Alarm Flag	1439	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Active	1440	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Active	1441	Discrete	No	No	No	No	No	No	No	No	No	No
AD Converter Error Flag	1442	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm	1443	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm LED Flag	1444	Discrete	No	No	No	No	No	No	No	No	No	No
Anti Backspin Flag	1445	Discrete	No	No	No	No	No	No	No	No	No	No
Auxiliary LED Flag	1446	Discrete	No	No	No	No	No	No	No	No	No	No
Auxiliary Temperature Alarm Flag	1447	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Auxiliary Temperature Trip Flag	1448	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Backed RAM Error Flag	1449	Discrete	No	No	No	No	No	No	No	No	No	No
Branch Circuit Alarm	1450	Discrete	No	No	No	No	No	No	No	No	No	No
Branch Circuit Tripped	1451	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Fail Op Flag	1452	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Operations Alarm Flag	1453	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Position	1454	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker State Alarm Flag	1455	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker State Change of State Flag	1456	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker State Closed Flag	1457	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker State Fail Flag	1458	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker State Lockout Flag	1459	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker State Open Flag	1460	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker State Time Alarm Flag	1461	Discrete	No	No	No	No	No	No	No	No	No	No
Trip By-pass Flag	1462	Discrete	No	No	No	No	No	No	No	No	No	No
Current Demand Alarm Flag	1463	Discrete	No	No	No	No	No	No	No	No	No	No
Current THD Alarm Flag	1464	Discrete	No	No	No	No	No	No	No	No	No	No
Differential Trip Flag	1465	Discrete	No	No	No	No	No	No	No	No	No	No
Emergency Override Operations	13466	Register	No	No	No	No	No	No	No	No	No	No
Frequency Command	3249	Register	No	No	No	No	No	No	No	No	No	No
Ground Fault Trip Flag	1468	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Fault Alarm Flag	1469	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Fault Trips	1470	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Trip LED Flag	1471	Discrete	No	No	No	No	No	No	No	No	No	No
I2T Alarm Flag	1472	Discrete	No	No	No	No	No	No	No	No	No	No
I2T Trip Flag	1473	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Impacc	1474	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Impacc	1475	Discrete	No	No	No	No	No	No	No	No	No	No
INCOM Trip Flag	1476	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Rotation Error	1477	Discrete	No	No	No	No	No	No	No	No	No	No
IOC Trip Flag	1478	Discrete	No	No	No	No	No	No	No	No	No	No
Jam Alarm Flag	1479	Discrete	No	No	No	No	No	No	No	No	No	No
Jam Trip Flag	1480	Discrete	No	No	No	No	No	No	No	No	No	No
Load Bearing Temperature Alarm Flag	1481	Discrete	No	No	No	No	No	No	No	No	No	No
Load Bearing Temperature Trip Flag	1482	Discrete	No	No	No	No	No	No	No	No	No	No
LOP Flag	1483	Discrete	No	No	No	No	No	No	No	No	No	No
LOP Alarm Flag	1484	Discrete	No	No	No	No	No	No	No	No	No	No
LOP Block Flag	1485	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Loss Current	1486	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Loss Current	1487	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Loss Voltage	1488	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Loss Voltage	1489	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Bearing Temperature Alarm Flag	1490	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Bearing Temperature Trip Flag	1491	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Winding Temperature Alarm Flag	1492	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Winding Temperature Trip Flag	1493	Discrete	No	No	No	No	No	No	No	No	No	No
Opto-coupler Error Flag	1494	Discrete	No	No	No	No	No	No	No	No	No	No
Other Trip LED Flag	1495	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Over Voltage	1496	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Over Voltage	1497	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Loss	1498	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Loss	1499	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Loss	1500	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Reversal Trip Flag	1501	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Trip LED Flag	1502	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Unbalance Alarm Flag	1503	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Unbalance Trip Flag	1504	Discrete	No	No	No	No	No	No	No	No	No	No
Pickup LED Flag	1505	Discrete	No	No	No	No	No	No	No	No	No	No
Program Mode Flag	1506	Discrete	No	No	No	No	No	No	No	No	No	No
Protective Close Attempted	1507	Discrete	No	No	No	No	No	No	No	No	No	No
RAM Error Flag	1508	Discrete	No	No	No	No	No	No	No	No	No	No
Relay Disarmed Flag	1509	Discrete	No	No	No	No	No	No	No	No	No	No
Remote Trip Flag	1510	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Reversal	1511	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Reversal	1512	Discrete	No	No	No	No	No	No	No	No	No	No
ROM Error Flag	1513	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Failure Alarm Flag	1514	Discrete	No	No	No	No	No	No	No	No	No	No
Incomplete Sequence Trip Flag	1515	Discrete	No	No	No	No	No	No	No	No	No	No
Starts Per Time Alarm Flag	1516	Discrete	No	No	No	No	No	No	No	No	No	No
Starts Per Time Trip Flag	1517	Discrete	No	No	No	No	No	No	No	No	No	No
Tamper Detected	1518	Discrete	No	No	No	No	No	No	No	No	No	No
Time Between Starts Trip Flag	1519	Discrete	No	No	No	No	No	No	No	No	No	No
Incomplete Transition Trip Flag	1520	Discrete	No	No	No	No	No	No	No	No	No	No
TRIP1 Monitor Active Flag	1521	Discrete	No	No	No	No	No	No	No	No	No	No
TRIP1 Monitor Alarm Flag	1522	Discrete	No	No	No	No	No	No	No	No	No	No
TRIP1 Output Flag	1523	Discrete	No	No	No	No	No	No	No	No	No	No
TRIP2 Monitor Active Flag	1524	Discrete	No	No	No	No	No	No	No	No	No	No
TRIP2 Monitor Alarm Flag	1525	Discrete	No	No	No	No	No	No	No	No	No	No
TRIP2 Output Flag	1526	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Unbalance	1527	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Unbalance	1528	Discrete	No	No	No	No	No	No	No	No	No	No
Under Load Alarm Flag	1529	Discrete	No	No	No	No	No	No	No	No	No	No
Under Load Trip Flag	1530	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 1 Under Voltage	1531	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm 2 Under Voltage	1532	Discrete	No	No	No	No	No	No	No	No	No	No
URTD Comm Failure Alarm Flag	1533	Discrete	No	No	No	No	No	No	No	No	No	No
VA Power Alarm Flag	1534	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
VA Power Demand Alarm Flag	1535	Discrete	No	No	No	No	No	No	No	No	No	No
Var Power Alarm Flag	1536	Discrete	No	No	No	No	No	No	No	No	No	No
Var Power Demand Alarm Flag	1537	Discrete	No	No	No	No	No	No	No	No	No	No
Watt Power Alarm Flag	1538	Discrete	No	No	No	No	No	No	No	No	No	No
Watt Power Demand Alarm Flag	1539	Discrete	No	No	No	No	No	No	No	No	No	No
Zero Speed Switch Trip Flag	1540	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Gnd Input Flag	1541	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Gnd Op Flag	1542	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Output Flag	1543	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Phase Op Flag	1544	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Phase Input Flag	1545	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral Fault Alarm	1546	Discrete	No	No	No	No	No	No	No	No	No	No
End Device Communication Failure	1547	Discrete	No	No	No	No	No	No	No	No	No	No
Summary Alarm	1548	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Overload Warning	1549	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Overload Warning	1550	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Overload Warning	1551	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Overload	1552	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Overload	1553	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Overload	1554	Discrete	No	No	No	No	No	No	No	No	No	No
Trip Event	1555	Discrete	No	No	No	No	No	No	No	No	No	No
Fault Occurred	1556	Discrete	No	No	No	No	No	No	No	No	No	No
Unknown	1557	Discrete	No	No	No	No	No	No	No	No	No	No
External Event	1558	Discrete	No	No	No	No	No	No	No	No	No	No
Long Delay Pickup	1559	Discrete	No	No	No	No	No	No	No	No	No	No
Long Delay Trip	1560	Discrete	No	No	No	No	No	No	No	No	No	No
Short Delay Trip	1561	Discrete	No	No	No	No	No	No	No	No	No	No
Instantaneous Trip	1562	Discrete	No	No	No	No	No	No	No	No	No	No
Discriminator Trip	1563	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Trip	1564	Discrete	No	No	No	No	No	No	No	No	No	No
Invalid Plug	1565	Discrete	No	No	No	No	No	No	No	No	No	No
Negative Power	1566	Discrete	No	No	No	No	No	No	No	No	No	No
Override Trip	1567	Discrete	No	No	No	No	No	No	No	No	No	No
Test Trip mode	1568	Discrete	No	No	No	No	No	No	No	No	No	No
RAM Failure	1569	Discrete	No	No	No	No	No	No	No	No	No	No
ROM Failure	1570	Discrete	No	No	No	No	No	No	No	No	No	No
Over Voltage	1571	Discrete	No	No	No	No	No	No	No	No	No	No
Under Voltage	1572	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Unbalance	1573	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Loss	1574	Discrete	No	No	No	No	No	No	No	No	No	No
Reverse Phase	1575	Discrete	No	No	No	No	No	No	No	No	No	No
Reverse Sequence	1576	Discrete	No	No	No	No	No	No	No	No	No	No
Over Frequency	1577	Discrete	No	No	No	No	No	No	No	No	No	No
Under Frequency	1578	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral	1579	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Current Loss	1580	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Voltage Loss	1581	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm Active	1582	Discrete	No	No	No	No	No	No	No	No	No	No
Bad Frame	1583	Discrete	No	No	No	No	No	No	No	No	No	No
High Load	1584	Discrete	No	No	No	No	No	No	No	No	No	No
Lockout	1585	Discrete	No	No	No	No	No	No	No	No	No	No
Powered Up	1586	Discrete	No	No	No	No	No	No	No	No	No	No
Making Current Release	1587	Discrete	No	No	No	No	No	No	No	No	No	No
High Instantaneous	1588	Discrete	No	No	No	No	No	No	No	No	No	No
Setpoints Mismatch	1589	Discrete	No	No	No	No	No	No	No	No	No	No
Setpoints Transfer Failure	1590	Discrete	No	No	No	No	No	No	No	No	No	No
Over Temperature	1591	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Current	1592	Discrete	No	No	No	No	No	No	No	No	No	No
Failure	1593	Discrete	No	No	No	No	No	No	No	No	No	No
Accessory Bus	1594	Discrete	No	No	No	No	No	No	No	No	No	No
THD	1595	Discrete	No	No	No	No	No	No	No	No	No	No
Power Factor	1596	Discrete	No	No	No	No	No	No	No	No	No	No
kW Demand	1597	Discrete	No	No	No	No	No	No	No	No	No	No
kVA Demand	1598	Discrete	No	No	No	No	No	No	No	No	No	No
Operations Count	1599	Discrete	No	No	No	No	No	No	No	No	No	No
Historical	1600	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Instantaneous Overcurrent	1601	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Instantaneous Overcurrent	1602	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral Instantaneous Overcurrent	1603	Discrete	No	No	No	No	No	No	No	No	No	No
Residual Instantaneous Overcurrent	1604	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Inverse Time Overcurrent	1605	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Inverse Time Overcurrent	1606	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral Inverse Time Overcurrent	1607	Discrete	No	No	No	No	No	No	No	No	No	No
Residual Inverse Time Overcurrent	1608	Discrete	No	No	No	No	No	No	No	No	No	No
Over Voltage	1609	Discrete	No	No	No	No	No	No	No	No	No	No
Under Voltage	1610	Discrete	No	No	No	No	No	No	No	No	No	No
Auxiliary Over Voltage	1611	Discrete	No	No	No	No	No	No	No	No	No	No
Auxiliary Under Voltage	1612	Discrete	No	No	No	No	No	No	No	No	No	No
Under Frequency	1613	Discrete	No	No	No	No	No	No	No	No	No	No
Over Frequency	1614	Discrete	No	No	No	No	No	No	No	No	No	No
Amperes Out of Balance	1615	Discrete	No	No	No	No	No	No	No	No	No	No
Voltage Out of Balance	1616	Discrete	No	No	No	No	No	No	No	No	No	No
Low Power Factor	1617	Discrete	No	No	No	No	No	No	No	No	No	No
Displacement Power Factor	1618	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Phase	1619	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Ground	1620	Discrete	No	No	No	No	No	No	No	No	No	No
Watts	1621	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	O-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
VA	1622	Discrete	No	No	No	No	No	No	No	No	No	No
VAR	1623	Discrete	No	No	No	No	No	No	No	No	No	No
Power Demand	1624	Discrete	No	No	No	No	No	No	No	No	No	No
VA Demand	1625	Discrete	No	No	No	No	No	No	No	No	No	No
VAR Demand	1626	Discrete	No	No	No	No	No	No	No	No	No	No
Current Demand	1627	Discrete	No	No	No	No	No	No	No	No	No	No
Total Harmonic Distortion	1628	Discrete	No	No	No	No	No	No	No	No	No	No
Operations Count	1629	Discrete	No	No	No	No	No	No	No	No	No	No
Contact Maintenance	1630	Discrete	No	No	No	No	No	No	No	No	No	No
Communications	1631	Discrete	No	No	No	No	No	No	No	No	No	No
Contact Disagreement	1632	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Failure	1633	Discrete	No	No	No	No	No	No	No	No	No	No
Operation Time Exceeded	1634	Discrete	No	No	No	No	No	No	No	No	No	No
Coil Supervision	1635	Discrete	No	No	No	No	No	No	No	No	No	No
Programmable Logic	1636	Discrete	No	No	No	No	No	No	No	No	No	No
RAM Error	1637	Discrete	No	No	No	No	No	No	No	No	No	No
Diagnostic Failure #1	1638	Discrete	No	No	No	No	No	No	No	No	No	No
Low Battery	1639	Discrete	No	No	No	No	No	No	No	No	No	No
Multiple Reasons	1640	Discrete	No	No	No	No	No	No	No	No	No	No
EEROM Error	1641	Discrete	No	No	No	No	No	No	No	No	No	No
Watchdog	1642	Discrete	No	No	No	No	No	No	No	No	No	No
Diagnostic Failure #2	1643	Discrete	No	No	No	No	No	No	No	No	No	No
Long Delay	1644	Discrete	No	No	No	No	No	No	No	No	No	No
Short Delay	1645	Discrete	No	No	No	No	No	No	No	No	No	No
Discriminator	1646	Discrete	No	No	No	No	No	No	No	No	No	No
Bad / Missing Rating Plug	1647	Discrete	No	No	No	No	No	No	No	No	No	No
Reverse Power	1648	Discrete	No	No	No	No	No	No	No	No	No	No
Override	1649	Discrete	No	No	No	No	No	No	No	No	No	No
Reverse Phase	1650	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Rotation	1651	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Current Loss	1652	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Voltage Loss (Loss-Of-Potential)	1653	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm Active	1654	Discrete	No	No	No	No	No	No	No	No	No	No
Bad Frame	1655	Discrete	No	No	No	No	No	No	No	No	No	No
High Load	1656	Discrete	No	No	No	No	No	No	No	No	No	No
Lockout	1657	Discrete	No	No	No	No	No	No	No	No	No	No
Making Current Release	1658	Discrete	No	No	No	No	No	No	No	No	No	No
High Instantaneous	1659	Discrete	No	No	No	No	No	No	No	No	No	No
Setpoints Error	1660	Discrete	No	No	No	No	No	No	No	No	No	No
Over Temperature	1661	Discrete	No	No	No	No	No	No	No	No	No	No
Accessory Bus	1662	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral	1663	Discrete	No	No	No	No	No	No	No	No	No	No
Historical Data	1664	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Fault	1665	Discrete	No	No	No	No	No	No	No	No	No	No
Earth Fault	1666	Discrete	No	No	No	No	No	No	No	No	No	No
Calibration	1667	Discrete	No	No	No	No	No	No	No	No	No	No
Neutral Ground Overvoltage	1668	Discrete	No	No	No	No	No	No	No	No	No	No
Real-Time Clock	1669	Discrete	No	No	No	No	No	No	No	No	No	No
Trip Blocked	1670	Discrete	No	No	No	No	No	No	No	No	No	No
Frequency Out Of Bounds	1671	Discrete	No	No	No	No	No	No	No	No	No	No
Check Auxiliary Switch	1672	Discrete	No	No	No	No	No	No	No	No	No	No
Forward/Reverse Power	1673	Discrete	No	No	No	No	No	No	No	No	No	No
App Communications Failure	1674	Discrete	No	No	No	No	No	No	No	No	No	No
High Temperature	1675	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Loss	1676	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Imbalance	1677	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Fault	1678	Discrete	No	No	No	No	No	No	No	No	No	No
Bypass Failure	1679	Discrete	No	No	No	No	No	No	No	No	No	No
Thermal Overload	1680	Discrete	No	No	No	No	No	No	No	No	No	No
Test Trip	1681	Discrete	No	No	No	No	No	No	No	No	No	No
Invalid Device	1682	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Control Coms Loss	1683	Discrete	No	No	No	No	No	No	No	No	No	No
E-Stop Fault	1684	Discrete	No	No	No	No	No	No	No	No	No	No
Overcurrent Warning	1685	Discrete	No	No	No	No	No	No	No	No	No	No
Underload Warning	1686	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Loss Warning	1687	Discrete	No	No	No	No	No	No	No	No	No	No
Impending Trip Warning	1688	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Fault Warning	1689	Discrete	No	No	No	No	No	No	No	No	No	No
Config Invalid Warning	1690	Discrete	No	No	No	No	No	No	No	No	No	No
Run 1 Bypass fail to close	1691	Discrete	No	No	No	No	No	No	No	No	No	No
Run 1 Bypass fail to open	1692	Discrete	No	No	No	No	No	No	No	No	No	No
Run 2 Bypass fail to close	1693	Discrete	No	No	No	No	No	No	No	No	No	No
Run 2 Bypass fail to open	1694	Discrete	No	No	No	No	No	No	No	No	No	No
E-Stop Warning	1695	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Direction Command Conflict	1696	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Tripped	1697	Discrete	No	No	No	No	No	No	No	No	No	No
Unknown alarm	1800	Discrete	No	No	No	No	No	No	No	No	No	No
Preferred source became available	1801	Discrete	No	No	No	No	No	No	No	No	No	No
Over-Voltage on connected source	1802	Discrete	No	No	No	No	No	No	No	No	No	No
Under-Voltage on connected source	1803	Discrete	No	No	No	No	No	No	No	No	No	No
Over-Frequency on connected source	1804	Discrete	No	No	No	No	No	No	No	No	No	No
Under-Frequency on connected source	1805	Discrete	No	No	No	No	No	No	No	No	No	No
Exercise Generator	1806	Discrete	No	No	No	No	No	No	No	No	No	No
Test	1807	Discrete	No	No	No	No	No	No	No	No	No	No
Manual Re-transfer	1808	Discrete	No	No	No	No	No	No	No	No	No	No
Communications	1809	Discrete	No	No	No	No	No	No	No	No	No	No
Go to Neutral	1810	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
In Program Mode	1811	Discrete	No	No	No	No	No	No	No	No	No	No
Option or setpoint error	1812	Discrete	No	No	No	No	No	No	No	No	No	No
Load Shed from Source 2	1813	Discrete	No	No	No	No	No	No	No	No	No	No
Emergency Inhibit	1814	Discrete	No	No	No	No	No	No	No	No	No	No
Go to Emergency	1815	Discrete	No	No	No	No	No	No	No	No	No	No
Lockout	1816	Discrete	No	No	No	No	No	No	No	No	No	No
Synch Fail-phase	1817	Discrete	No	No	No	No	No	No	No	No	No	No
Synch Fail-freq	1818	Discrete	No	No	No	No	No	No	No	No	No	No
Synch Fail-Voltage	1819	Discrete	No	No	No	No	No	No	No	No	No	No
Monitor Mode	1820	Discrete	No	No	No	No	No	No	No	No	No	No
Abort	1821	Discrete	No	No	No	No	No	No	No	No	No	No
Failsafe Event	1822	Discrete	No	No	No	No	No	No	No	No	No	No
External Condition #2	1823	Discrete	No	No	No	No	No	No	No	No	No	No
External Condition #3	1824	Discrete	No	No	No	No	No	No	No	No	No	No
External Condition #4	1825	Discrete	No	No	No	No	No	No	No	No	No	No
Rolled Phase	1826	Discrete	No	No	No	No	No	No	No	No	No	No
Per Unit Voltage	1827	Discrete	No	No	No	No	No	No	No	No	No	No
Sensitive	1828	Discrete	No	No	No	No	No	No	No	No	No	No
Deenergized	1829	Discrete	No	No	No	No	No	No	No	No	No	No
Non Sensitive	1830	Discrete	No	No	No	No	No	No	No	No	No	No
Time Delay Sensitive	1831	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Pumping	1832	Discrete	No	No	No	No	No	No	No	No	No	No
Over Current	1833	Discrete	No	No	No	No	No	No	No	No	No	No
Time Delayed Watt-Var Trip	1834	Discrete	No	No	No	No	No	No	No	No	No	No
Over Current Watt-Var Trip	1835	Discrete	No	No	No	No	No	No	No	No	No	No
Maintenance Mode	1836	Discrete	No	No	No	No	No	No	No	No	No	No
Maintenance Mode	1837	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Mech Fault	1838	Discrete	No	No	No	No	No	No	No	No	No	No
Disconnect Position	1839	Discrete	No	No	No	No	No	No	No	No	No	No
Shunt Trip Problem	1840	Discrete	No	No	No	No	No	No	No	No	No	No
Fixed Instantaneous	1841	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Voltage Out of Range	1842	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Voltage Out of Range	1843	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Voltage Out of Range	1844	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Current Out of Range	1845	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Current Out of Range	1846	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Current Out of Range	1847	Discrete	No	No	No	No	No	No	No	No	No	No
Frequency Out of Range	1848	Discrete	No	No	No	No	No	No	No	No	No	No
Low Power Factor on A	1849	Discrete	No	No	No	No	No	No	No	No	No	No
Low Power Factor on B	1850	Discrete	No	No	No	No	No	No	No	No	No	No
Low Power Factor on C	1851	Discrete	No	No	No	No	No	No	No	No	No	No
Energy Pulse Output Overrun	1852	Discrete	No	No	No	No	No	No	No	No	No	No
Energy Pulse Output Configuration Error	1853	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Ground Output Flag	2000	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Phase Output Flag	2001	Discrete	No	No	No	No	No	No	No	No	No	No
Close Breaker Request	2002	Discrete	No	No	No	No	No	No	No	No	No	No
Open Breaker Request	2003	Discrete	No	No	No	No	No	No	No	No	No	No
Ambient Temperature Alarm	2004	Discrete	No	No	No	No	No	No	No	No	No	No
Power Factor Alarm	2005	Discrete	No	No	No	No	No	No	No	No	No	No
Starts Per Hour Alarm	2006	Discrete	No	No	No	No	No	No	No	No	No	No
Under Power Alarm	2007	Discrete	No	No	No	No	No	No	No	No	No	No
Voltage Phase-Unbalance Alarm	2008	Discrete	No	No	No	No	No	No	No	No	No	No
Ambient Temperature Trip	2009	Discrete	No	No	No	No	No	No	No	No	No	No
External Trip	2010	Discrete	No	No	No	No	No	No	No	No	No	No
Instantaneous Over Current Trip	2011	Discrete	No	No	No	No	No	No	No	No	No	No
Overfrequency Trip	2012	Discrete	No	No	No	No	No	No	No	No	No	No
Overvoltage Trip	2013	Discrete	No	No	No	No	No	No	No	No	No	No
Power Factor Trip	2014	Discrete	No	No	No	No	No	No	No	No	No	No
Reverse Sequence Trip	2015	Discrete	No	No	No	No	No	No	No	No	No	No
Starts Per Hour Trip	2016	Discrete	No	No	No	No	No	No	No	No	No	No
Under Frequency Trip	2017	Discrete	No	No	No	No	No	No	No	No	No	No
Under Power Trip	2018	Discrete	No	No	No	No	No	No	No	No	No	No
Under Voltage Trip	2019	Discrete	No	No	No	No	No	No	No	No	No	No
Voltage Phase-Unbalance Trip	2020	Discrete	No	No	No	No	No	No	No	No	No	No
Diagnostic Warning	2021	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm Output	2022	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Input Flag	2023	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Phase Pickup Flag	2024	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock Ground Pickup Flag	2025	Discrete	No	No	No	No	No	No	No	No	No	No
32-1 VAr Trip	2026	Discrete	No	No	No	No	No	No	No	No	No	No
32-2 VAr Trip	2027	Discrete	No	No	No	No	No	No	No	No	No	No
32-3 VAr Trip	2028	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD Group #1 Operate	2029	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD Group #2 Operate	2030	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #1 Operate	2031	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #2 Operate	2032	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #3 Operate	2033	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #4 Operate	2034	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #5 Operate	2035	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #6 Operate	2036	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #7 Operate	2037	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #8 Operate	2038	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #9 Operate	2039	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #10 Operate	2040	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #11 Operate	2041	Discrete	No	No	No	No	No	No	No	No	No	No
49-Thermal Model Operate	2042	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #1 Alarm 1	2043	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
49-RTD #2 Alarm 1	2044	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #3 Alarm 1	2045	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #4 Alarm 1	2046	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #5 Alarm 1	2047	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #6 Alarm 1	2048	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #7 Alarm 1	2049	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #8 Alarm 1	2050	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #9 Alarm 1	2051	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #10 Alarm 1	2052	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #11 Alarm 1	2053	Discrete	No	No	No	No	No	No	No	No	No	No
49-Thermal Model Alarm 1	2054	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #1 Alarm 2	2055	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #2 Alarm 2	2056	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #3 Alarm 2	2057	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #4 Alarm 2	2058	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #5 Alarm 2	2059	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #6 Alarm 2	2060	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #7 Alarm 2	2061	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #8 Alarm 2	2062	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #9 Alarm 2	2063	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #10 Alarm 2	2064	Discrete	No	No	No	No	No	No	No	No	No	No
49-RTD #11 Alarm 2	2065	Discrete	No	No	No	No	No	No	No	No	No	No
49-Thermal Model Alarm 2	2066	Discrete	No	No	No	No	No	No	No	No	No	No
79-Voltage Block Trip	2067	Discrete	No	No	No	No	No	No	No	No	No	No
79-Voltage Block Pickup	2068	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Blocked from starting	2069	Discrete	No	No	No	No	No	No	No	No	No	No
Thermal Blocking of Motor	2070	Discrete	No	No	No	No	No	No	No	No	No	No
ATS In Test	2071	Discrete	No	No	No	No	No	No	No	No	No	No
ATS Waiting for Sync	2072	Discrete	No	No	No	No	No	No	No	No	No	No
K1 Relay	2073	Discrete	No	No	No	No	No	No	No	No	No	No
K2 Relay	2074	Discrete	No	No	No	No	No	No	No	No	No	No
K3 Relay	2075	Discrete	No	No	No	No	No	No	No	No	No	No
K4 Relay	2076	Discrete	No	No	No	No	No	No	No	No	No	No
Pretransfer Relay	2077	Discrete	No	No	No	No	No	No	No	No	No	No
Alarm Relay	2078	Discrete	No	No	No	No	No	No	No	No	No	No
Gen Start Relay	2079	Discrete	No	No	No	No	No	No	No	No	No	No
Remote Engine Test	2080	Discrete	No	No	No	No	No	No	No	No	No	No
Voltage Unbalance	2081	Discrete	No	No	No	No	No	No	No	No	No	No
Phase Reversal	2082	Discrete	No	No	No	No	No	No	No	No	No	No
Source 1 Breaker/Contactor Error	2083	Discrete	No	No	No	No	No	No	No	No	No	No
Source 2 Breaker/Contactor Error	2084	Discrete	No	No	No	No	No	No	No	No	No	No
Unused01	3000	Discrete	No	No	No	No	No	No	No	No	No	No
Unused02	3001	Discrete	No	No	No	No	No	No	No	No	No	No
Call User	3002	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Major Alarm	3003	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Schedule Service	3004	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Service Required	3005	Discrete	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Battery Voltage Extremely Low	3006	Discrete	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Output Phase Rotation	3007	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Maintenance Isolation Switch Failure	3008	Discrete	No	No	No	No	No	No	No	No	No	No
Maintenance Bypass Breaker Failure	3009	Discrete	No	No	No	No	No	No	No	No	No	No
Manual Bypass Switch On	3010	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 1 Breaker Open	3011	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 2 Breaker Open	3012	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 3 Breaker Open	3013	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 4 Breaker Open	3014	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 5 Breaker Open	3015	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 6 Breaker Open	3016	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 7 Breaker Open	3017	Discrete	No	No	No	No	No	No	No	No	No	No
Panel 8 Breaker Open	3018	Discrete	No	No	No	No	No	No	No	No	No	No
A Restart is Pending	3019	Discrete	No	No	No	No	No	No	No	No	No	No
Low Power	3020	Discrete	No	No	No	No	No	No	No	No	No	No
Device Offline	3021	Discrete	No	No	No	No	No	No	No	No	No	No
Device Online	3022	Discrete	No	No	No	No	No	No	No	No	No	No
Multiple Inputs Tied Together	3023	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Over Temperature	3024	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Overload	3025	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Short Circuit	3026	Discrete	No	No	No	No	No	No	No	No	No	No
Bypass Overload	3027	Discrete	No	No	No	No	No	No	No	No	No	No
Bypass Phase Out of Range	3028	Discrete	No	No	No	No	No	No	No	No	No	No
Bypass Voltage Out of Range	3029	Discrete	No	No	No	No	No	No	No	No	No	No
Bypass Thermal Overload	3030	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Branch Breaker Overload Warning	3031	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Branch Breaker Overload	3032	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Branch Breaker Overload Warning	3033	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Branch Breaker Overload	3034	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Branch Breaker Overload Warning	3035	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Branch Breaker Overload	3036	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 AC Over Voltage	3037	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 AC Under Voltage	3038	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 Under Or Over Frequency	3039	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 Line Voltage Loss	3040	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 Phase A High Thd	3041	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 Phase B High Thd	3042	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 Phase C High Thd	3043	Discrete	No	No	No	No	No	No	No	No	No	No
Input 2 Phase Rotation Error	3044	Discrete	No	No	No	No	No	No	No	No	No	No
Output 1 AC Over Voltage	3045	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW	9355	9395	9395P
Output 1 AC Under Voltage	3046	Discrete	No	No	No	No	No	No	No	No	No	No
Output 1 Under Or Over Frequency	3047	Discrete	No	No	No	No	No	No	No	No	No	No
Output 1 Line Voltage Loss	3048	Discrete	No	No	No	No	No	No	No	No	No	No
Output 1 Phase A High Thd	3049	Discrete	No	No	No	No	No	No	No	No	No	No
Output 1 Phase B High Thd	3050	Discrete	No	No	No	No	No	No	No	No	No	No
Output 1 Phase C High Thd	3051	Discrete	No	No	No	No	No	No	No	No	No	No
Output 1 Phase Rotation	3052	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 AC Over Voltage	3053	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 AC Under Voltage	3054	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 Under Or Over Frequency	3055	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 Line Voltage Loss	3056	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 Phase A High Thd	3057	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 Phase B High Thd	3058	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 Phase C High Thd	3059	Discrete	No	No	No	No	No	No	No	No	No	No
Output 2 Phase Rotation	3060	Discrete	No	No	No	No	No	No	No	No	No	No
Ambient Humidity Low	3061	Discrete	No	No	No	No	No	No	No	No	No	No
Ambient Humidity High	3062	Discrete	No	No	No	No	No	No	No	No	No	No
Under Voltage Warning	3063	Discrete	No	No	No	No	No	No	No	No	No	No
Over Voltage Warning	3064	Discrete	No	No	No	No	No	No	No	No	No	No
Output Breaker Overload Warning	3065	Discrete	No	No	No	No	No	No	No	No	No	No
Output Breaker Overload	3066	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Low current Warning	3067	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Low current Warning	3068	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Low current Warning	3069	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Overcurrent Warning	3070	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Overcurrent Warning	3071	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Overcurrent Warning	3072	Discrete	No	No	No	No	No	No	No	No	No	No
Low Load Warning	3073	Discrete	No	No	No	No	No	No	No	No	No	No
Overload Warning	3074	Discrete	No	No	No	No	No	No	No	No	No	No
Outlet Overcurrent Warning	3075	Discrete	No	No	No	No	No	No	No	No	No	No
Outlet Overcurrent Alarm	3076	Discrete	No	No	No	No	No	No	No	No	No	No
Outlet Under Voltage Warning	3077	Discrete	No	No	No	No	No	No	No	No	No	No
Outlet Over Voltage Warning	3078	Discrete	No	No	No	No	No	No	No	No	No	No
Ambient OverTemperature Warning	3079	Discrete	No	No	No	No	No	No	No	No	No	No
Ambient Over Humidity Warning	3080	Discrete	No	No	No	No	No	No	No	No	No	No
Internal OverTemperature Warning	3081	Discrete	No	No	No	No	No	No	No	No	No	No
Ambient Humidity Low Warning	3082	Discrete	No	No	No	No	No	No	No	No	No	No
Check Output Switchgear	3083	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Over Energy Warning	3084	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Over Energy Warning	3085	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Over Energy Warning	3086	Discrete	No	No	No	No	No	No	No	No	No	No
Phase A Over Voltage Warning	3087	Discrete	No	No	No	No	No	No	No	No	No	No
Phase B Over Voltage Warning	3088	Discrete	No	No	No	No	No	No	No	No	No	No
Phase C Over Voltage Warning	3089	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Over Energy Warning	3090	Discrete	No	No	No	No	No	No	No	No	No	No
Outlet Over Energy Warning	3091	Discrete	No	No	No	No	No	No	No	No	No	No
Outlet Over Voltage Alarm	3092	Discrete	No	No	No	No	No	No	No	No	No	No
Over Energy Warning	3093	Discrete	No	No	No	No	No	No	No	No	No	No
Group Under Current Warning	3094	Discrete	No	No	No	No	No	No	No	No	No	No
Group Over Current Warning	3095	Discrete	No	No	No	No	No	No	No	No	No	No
Group Over Current Alarm	3096	Discrete	No	No	No	No	No	No	No	No	No	No
Internal Failure Alarm	3097	Discrete	No	No	No	No	No	No	No	No	No	No
Ground Fault Alarm	3098	Discrete	No	No	No	No	No	No	No	No	Yes	Yes
Bypass Wiring Fault	3099	Discrete	No	No	No	No	No	No	No	No	No	No
Output Overload (High Level/Level 2)	3100	Discrete	No	No	No	No	No	No	No	No	No	No
Output Overload (Extreme Level/Level 3)	3101	Discrete	No	No	No	No	No	No	No	No	No	No
Below Remaining Capacity Limit	3102	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 7	3103	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Building Alarm 8	3104	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Building Alarm 9	3105	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Building Alarm 10	3106	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 11	3107	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 12	3108	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 13	3109	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 14	3110	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 15	3111	Discrete	No	No	No	No	No	No	No	No	No	No
Building Alarm 16	3112	Discrete	No	No	No	No	No	No	No	No	No	No
Emergency Transfer To Bypass	3113	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Phase A Overload (Level 4)	3114	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Phase B Overload (Level 4)	3115	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Phase C Overload (Level 4)	3116	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Warranty Expired	3117	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Horn Active	3118	Discrete	No	No	No	No	No	No	No	No	No	No
Inverter Overload Trip	3119	Discrete	No	No	No	No	No	No	No	No	No	No
Check Backfeed Contactor	3120	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Static Switch Short	3121	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Rectifier Phase Rotation	3122	Discrete	No	No	No	No	No	No	No	No	No	No
Too Many Inverter Transfers	3123	Discrete	No	No	No	No	No	No	No	No	No	No
Bypass Sync Out Of Range	3124	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Input Sync Out Of Range	3125	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Output Sync Out Of Range	3126	Discrete	No	No	Yes	Yes	No	No	No	No	No	No
Easy Capacity Test Fail	3127	Discrete	No	No	No	No	No	No	No	No	No	No
Not Enough Bypass Capacity	3128	Discrete	No	No	No	No	No	No	No	No	No	No
UPM Not Responding	3129	Discrete	No	No	No	No	No	No	No	No	No	No
Parallel Meters Can Bus Fail	3130	Discrete	No	No	No	No	No	No	No	No	No	No
Parallel Setup Fail	3131	Discrete	No	No	No	No	No	No	No	No	No	No
Parallel Can Error	3132	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Parameter Match Failed	3133	Discrete	No	No	No	No	No	No	No	No	No	No
Pull Chain Fail	3134	Discrete	No	No	No	No	No	No	No	No	No	No
Check Pull Chain	3135	Discrete	No	No	No	No	No	No	No	No	No	No
Check CSB	3136	Discrete	No	No	No	No	No	No	No	No	No	No
SPI Bus Fail	3137	Discrete	No	No	No	No	No	No	No	No	No	No
Power Supply 5 Volt Fault	3138	Discrete	No	No	No	No	No	No	No	No	No	No
Power Supply 24 Volt Fault	3139	Discrete	No	No	No	No	No	No	No	No	No	No
50P-3 Phase Ic IOC Pickup	4000	Discrete	No	No	No	No	No	No	No	No	No	No
50P-3 Phase Ib IOC Pickup	4001	Discrete	No	No	No	No	No	No	No	No	No	No
50P-3 Phase Ia IOC Pickup	4002	Discrete	No	No	No	No	No	No	No	No	No	No
50P-2 Phase Ic IOC Pickup	4003	Discrete	No	No	No	No	No	No	No	No	No	No
50P-2 Phase Ib IOC Pickup	4004	Discrete	No	No	No	No	No	No	No	No	No	No
50P-2 Phase Ia IOC Pickup	4005	Discrete	No	No	No	No	No	No	No	No	No	No
50P-1 Phase Ic IOC Pickup	4006	Discrete	No	No	No	No	No	No	No	No	No	No
50P-1 Phase Ib IOC Pickup	4007	Discrete	No	No	No	No	No	No	No	No	No	No
50P-1 Phase Ia IOC Pickup	4008	Discrete	No	No	No	No	No	No	No	No	No	No
50R-3 Ir IOC Pickup	4009	Discrete	No	No	No	No	No	No	No	No	No	No
50R-2 Ir IOC Pickup	4010	Discrete	No	No	No	No	No	No	No	No	No	No
50R-1 Ir IOC Pickup	4011	Discrete	No	No	No	No	No	No	No	No	No	No
50X-3 Ix IOC Pickup	4012	Discrete	No	No	No	No	No	No	No	No	No	No
50X-2 Ix IOC Pickup	4013	Discrete	No	No	No	No	No	No	No	No	No	No
50X-1 Ix IOC Pickup	4014	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Main Vc Under Voltage Pickup	4015	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Main Vb Under Voltage Pickup	4016	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Main Va Under Voltage Pickup	4017	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Main Vc Under Voltage Pickup	4018	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Main Vb Under Voltage Pickup	4019	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Main Va Under Voltage Pickup	4020	Discrete	No	No	No	No	No	No	No	No	No	No
59-M2 Main Vc Over Voltage Pickup	4021	Discrete	No	No	No	No	No	No	No	No	No	No
59-M2 Main Vb Over Voltage Pickup	4022	Discrete	No	No	No	No	No	No	No	No	No	No
59-M2 Main Va Over Voltage Pickup	4023	Discrete	No	No	No	No	No	No	No	No	No	No
59-M1 Main Vc Over Voltage Pickup	4024	Discrete	No	No	No	No	No	No	No	No	No	No
59-M1 Main Vb Over Voltage Pickup	4025	Discrete	No	No	No	No	No	No	No	No	No	No
59-M1 Main Va Over Voltage Pickup	4026	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 Aux Vx Under Voltage Pickup	4027	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 Aux Vx Under Voltage Pickup	4028	Discrete	No	No	No	No	No	No	No	No	No	No
59-A2 Aux Vx Over Voltage Pickup	4029	Discrete	No	No	No	No	No	No	No	No	No	No
59-A1 Aux Vx Over Voltage Pickup	4030	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Phase Ic TOC Pickup	4031	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Phase Ib TOC Pickup	4032	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Phase Ia TOC Pickup	4033	Discrete	No	No	No	No	No	No	No	No	No	No
51R Ir TOC Pickup	4034	Discrete	No	No	No	No	No	No	No	No	No	No
51X Ix TOC Pickup	4035	Discrete	No	No	No	No	No	No	No	No	No	No
51P Phase Ic TOC Pickup	4036	Discrete	No	No	No	No	No	No	No	No	No	No
51P Phase Ib TOC Pickup	4037	Discrete	No	No	No	No	No	No	No	No	No	No
51P Phase Ia TOC Pickup	4038	Discrete	No	No	No	No	No	No	No	No	No	No
32-3 Power Pickup	4039	Discrete	No	No	No	No	No	No	No	No	No	No
32-2 Power Pickup	4040	Discrete	No	No	No	No	No	No	No	No	No	No
32-1 Power Pickup	4041	Discrete	No	No	No	No	No	No	No	No	No	No
55D Displacement Power Factor Pickup	4042	Discrete	No	No	No	No	No	No	No	No	No	No
55A Apparent Power Factor Pickup	4043	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Failure Pickup	4044	Discrete	No	No	No	No	No	No	No	No	No	No
810-2 Over Frequency Pickup	4045	Discrete	No	No	No	No	No	No	No	No	No	No
810-1 Over Frequency Pickup	4046	Discrete	No	No	No	No	No	No	No	No	No	No
81U-2 Under Frequency Pickup	4047	Discrete	No	No	No	No	No	No	No	No	No	No
81U-1 Under Frequency Pickup	4048	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 Voltage Unbalance Pickup	4049	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 Voltage Unbalance Pickup	4050	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Current Unbalance Pickup	4051	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Current Unbalance Pickup	4052	Discrete	No	No	No	No	No	No	No	No	No	No
Accumulated Interrupted Current Pickup	4053	Discrete	No	No	No	No	No	No	No	No	No	No
Breaker Operations Pickup	4054	Discrete	No	No	No	No	No	No	No	No	No	No
Voltage THD Pickup	4055	Discrete	No	No	No	No	No	No	No	No	No	No
Current THD Pickup	4056	Discrete	No	No	No	No	No	No	No	No	No	No
Current Demand Pickup	4057	Discrete	No	No	No	No	No	No	No	No	No	No
VA Power Demand Pickup	4058	Discrete	No	No	No	No	No	No	No	No	No	No
Var Power Demand Pickup	4059	Discrete	No	No	No	No	No	No	No	No	No	No
Watt Power Demand Pickup	4060	Discrete	No	No	No	No	No	No	No	No	No	No
VA Power Pickup	4061	Discrete	No	No	No	No	No	No	No	No	No	No
Var Power Pickup	4062	Discrete	No	No	No	No	No	No	No	No	No	No
Watt Power Pickup	4063	Discrete	No	No	No	No	No	No	No	No	No	No
PhC_Dir_Fwd_Flag	4064	Discrete	No	No	No	No	No	No	No	No	No	No
PhB_Dir_Fwd_Flag	4065	Discrete	No	No	No	No	No	No	No	No	No	No
PhA_Dir_Fwd_Flag	4066	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_V0IX_Rev_Flag	4067	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_V0IX_Fwd_Flag	4068	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Ix_Rev_Flag	4069	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Ix_Fwd_Flag	4070	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_Ip_Rev_Flag	4071	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_Ip_Fwd_Flag	4072	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_V2_Rev_Flag	4073	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_V2_Fwd_Flag	4074	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_V0_Rev_Flag	4075	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Dir_V0_Fwd_Flag	4076	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Ir_Dir_Rev_Flag	4077	Discrete	No	No	No	No	No	No	No	No	No	No
Gnd_Ir_Dir_Fwd_Flag	4078	Discrete	No	No	No	No	No	No	No	No	No	No
Sync_Block_Flag	4079	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Sync_Bypass_Flag	4080	Discrete	No	No	No	No	No	No	No	No	No	No
Sync_Ang_Diff_Flag	4081	Discrete	No	No	No	No	No	No	No	No	No	No
Sync_Volt_Diff_Flag	4082	Discrete	No	No	No	No	No	No	No	No	No	No
Sync_Slip_Diff_Flag	4083	Discrete	No	No	No	No	No	No	No	No	No	No
Cold_Load_Condition_Flag	4084	Discrete	No	No	No	No	No	No	No	No	No	No
Line_Voltage_Live_Flag	4085	Discrete	No	No	No	No	No	No	No	No	No	No
Bus_Voltage_Live_Flag	4086	Discrete	No	No	No	No	No	No	No	No	No	No
Slip_Freq_Alarm_Flag	4087	Discrete	No	No	No	No	No	No	No	No	No	No
Sync_Fail_Flag	4088	Discrete	No	No	No	No	No	No	No	No	No	No
In_Sync_Flag	4089	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - Active	4100	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General-Pickup Phase A	4101	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General-Pickup Phase B	4102	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General-Pickup Phase C	4103	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General-Pickup - Ground fault	4104	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General Pickup	4105	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General Trip Phase A	4106	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General Trip Phase B	4107	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General Trip Phase C	4108	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General Trip Ground Fault	4109	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - General Trip	4110	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - Trip Command	4111	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - Trip Command Winding 1	4112	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Signal - Trip Command Winding 2	4113	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Disturbance Number	4114	Discrete	No	No	No	No	No	No	No	No	No	No
PROT Main Fault Number	4115	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 Active	4200	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 Trip Command blocked	4201	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 External Blocking of the Trip Command	4202	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 Pickup	4203	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 Trip	4204	Discrete	No	No	No	No	No	No	No	No	No	No
27-A1 Trip Command	4205	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 Active	4250	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 Trip Command blocked	4251	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 External Blocking of the Trip Command	4252	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 Pickup	4253	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 Trip	4254	Discrete	No	No	No	No	No	No	No	No	No	No
27-A2 Trip Command	4255	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Active	4300	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Trip Command blocked	4301	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 External Blocking of the Trip Command	4302	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Pickup A	4303	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Pickup B	4304	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Pickup C	4305	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Pickup	4306	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Trip Phase A	4307	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Trip Phase B	4308	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Trip Phase C	4309	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Trip	4310	Discrete	No	No	No	No	No	No	No	No	No	No
27-M1 Trip Command	4311	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Active	4350	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Trip Command blocked	4351	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 External Blocking of the Trip Command	4352	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Pickup A	4353	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Pickup B	4354	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Pickup C	4355	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Pickup	4356	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Trip Phase A	4357	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Trip Phase B	4358	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Trip Phase C	4359	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Trip	4360	Discrete	No	No	No	No	No	No	No	No	No	No
27-M2 Trip Command	4361	Discrete	No	No	No	No	No	No	No	No	No	No
37-1 Under load Alarms counter	4400	Discrete	No	No	No	No	No	No	No	No	No	No
37-1 Under load Trips counter	4401	Discrete	No	No	No	No	No	No	No	No	No	No
37-2 Under load Alarms counter	4402	Discrete	No	No	No	No	No	No	No	No	No	No
37-2 Under load Trips counter	4403	Discrete	No	No	No	No	No	No	No	No	No	No
37-3 Under load Alarms counter	4404	Discrete	No	No	No	No	No	No	No	No	No	No
37-3 Under load Trips counter	4405	Discrete	No	No	No	No	No	No	No	No	No	No
37-1 Under Load pickup	4450	Discrete	No	No	No	No	No	No	No	No	No	No
37-1 Under Load trip	4451	Discrete	No	No	No	No	No	No	No	No	No	No
37-1 Under Load trip command	4452	Discrete	No	No	No	No	No	No	No	No	No	No
37-2 Under Load pickup	4500	Discrete	No	No	No	No	No	No	No	No	No	No
37-2 Under Load trip	4501	Discrete	No	No	No	No	No	No	No	No	No	No
37-2 Under Load trip command	4502	Discrete	No	No	No	No	No	No	No	No	No	No
37-3 Under Load pickup	4550	Discrete	No	No	No	No	No	No	No	No	No	No
37-3 Under Load trip	4551	Discrete	No	No	No	No	No	No	No	No	No	No
37-3 Under Load trip command	4552	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Unbalance Alarms counter	4600	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Unbalance trips counter	4601	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Unbalance Alarms counter	4602	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Unbalance trips counter	4603	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Active	4650	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Trip Command blocked	4651	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 External Blocking of the Trip Command	4652	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Pickup	4653	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Trip	4654	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Trip Command	4655	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
46-1 Unbalance pickup	4656	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Unbalance trip	4657	Discrete	No	No	No	No	No	No	No	No	No	No
46-1 Unbalance trip command	4658	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Active	4700	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Trip Command blocked	4701	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 External Blocking of the Trip Command	4702	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Pickup	4703	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Trip	4704	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Trip Command	4705	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Unbalance pickup	4706	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Unbalance trip	4707	Discrete	No	No	No	No	No	No	No	No	No	No
46-2 Unbalance trip command	4708	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 Active	4750	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 Trip Command blocked	4751	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 External Blocking of the Trip Command	4752	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 Pickup	4753	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 Trip	4754	Discrete	No	No	No	No	No	No	No	No	No	No
47-1 Trip Command	4755	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 Active	4800	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 Trip Command blocked	4801	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 External Blocking of the Trip Command	4802	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 Pickup	4803	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 Trip	4804	Discrete	No	No	No	No	No	No	No	No	No	No
47-2 Trip Command	4805	Discrete	No	No	No	No	No	No	No	No	No	No
49 Signal - Active	4850	Discrete	No	No	No	No	No	No	No	No	No	No
49 Signal - Trip Command blocked	4851	Discrete	No	No	No	No	No	No	No	No	No	No
49 Signal - External Blocking of the Trip Command	4852	Discrete	No	No	No	No	No	No	No	No	No	No
49 Signal - Alarm	4853	Discrete	No	No	No	No	No	No	No	No	No	No
49 Signal - Trip	4854	Discrete	No	No	No	No	No	No	No	No	No	No
49 Signal - Trip Command	4855	Discrete	No	No	No	No	No	No	No	No	No	No
49 Thermal Model Alarm Pickup	4856	Discrete	No	No	No	No	No	No	No	No	No	No
49 Thermal Model Alarm Timeout	4857	Discrete	No	No	No	No	No	No	No	No	No	No
49 Load Above Service Factor	4858	Discrete	No	No	No	No	No	No	No	No	No	No
49 Thermal Alarms counter	4859	Discrete	No	No	No	No	No	No	No	No	No	No
49 Thermal Trips counter	4860	Discrete	No	No	No	No	No	No	No	No	No	No
50J1 Jam Alarms counter	4900	Discrete	No	No	No	No	No	No	No	No	No	No
50J1 Jam trips counter	4901	Discrete	No	No	No	No	No	No	No	No	No	No
50J2 Jam Alarms counter	4902	Discrete	No	No	No	No	No	No	No	No	No	No
50J2 Jam trips counter	4903	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 IOC Alarms counter	4904	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 IOC Trips counter	4905	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 IOC Alarms counter	4906	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 IOC Trips counter	4907	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 IOC Alarms counter	4908	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 IOC Trips counter	4909	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 IOC Alarms counter	4910	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 IOC Trips counter	4911	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 IOC Alarms counter	4912	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 IOC Trips counter	4913	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 IOC Alarms counter	4914	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 IOC Trips counter	4915	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 IOC Alarms counter	4916	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 IOC Trips counter	4917	Discrete	No	No	No	No	No	No	No	No	No	No
50J1 Jam pickup	4950	Discrete	No	No	No	No	No	No	No	No	No	No
50J1 Jam Trip	4951	Discrete	No	No	No	No	No	No	No	No	No	No
50J1 Jam Trip Command	4952	Discrete	No	No	No	No	No	No	No	No	No	No
50J2 Jam pickup	5000	Discrete	No	No	No	No	No	No	No	No	No	No
50J2 Jam Trip	5001	Discrete	No	No	No	No	No	No	No	No	No	No
50J2 Jam Trip Command	5002	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Active	5050	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Trip Command blocked	5051	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - External Blocking of the Trip Command	5052	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Blocking Trip Command by IH2	5053	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Pickup IA	5054	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Pickup IB	5055	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Pickup IC	5056	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Pickup	5057	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Trip Phase A	5058	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Trip Phase B	5059	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Trip Phase C	5060	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Trip	5061	Discrete	No	No	No	No	No	No	No	No	No	No
50P1 Signal - Trip Command	5062	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Active	5100	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Trip Command blocked	5101	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - External Blocking of the Trip Command	5102	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Blocking Trip Command by IH2	5103	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Pickup IA	5104	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Pickup IB	5105	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Pickup IC	5106	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Pickup	5107	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Trip Phase A	5108	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Trip Phase B	5109	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Trip Phase C	5110	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Trip	5111	Discrete	No	No	No	No	No	No	No	No	No	No
50P2 Signal - Trip Command	5112	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Active	5150	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Trip Command blocked	5151	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
50P3 Signal - External Blocking of the Trip Command	5152	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Blocking Trip Command by IH2	5153	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Pickup IA	5154	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Pickup IB	5155	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Pickup IC	5156	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Pickup	5157	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Trip Phase A	5158	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Trip Phase B	5159	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Trip Phase C	5160	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Trip	5161	Discrete	No	No	No	No	No	No	No	No	No	No
50P3 Signal - Trip Command	5162	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Active	5200	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Trip Command blocked	5201	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - External Blocking of the Trip Command	5202	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Blocking Trip Command by IH2	5203	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Pickup IA	5204	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Pickup IB	5205	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Pickup IC	5206	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Pickup	5207	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Trip Phase A	5208	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Trip Phase B	5209	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Trip Phase C	5210	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Trip	5211	Discrete	No	No	No	No	No	No	No	No	No	No
50P4 Signal - Trip Command	5212	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 Signal - Active	5250	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 Signal - Trip Command blocked	5251	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 Signal - External Blocking of the Trip Command	5252	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 Signal - Blocking Trip Command by IH2	5253	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 Signal - Pickup Ix or Ir	5254	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 Signal - Trip	5255	Discrete	No	No	No	No	No	No	No	No	No	No
50R1 Signal - Trip Command	5256	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 Signal - Active	5300	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 Signal - Trip Command blocked	5301	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 Signal - External Blocking of the Trip Command	5302	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 Signal - Blocking Trip Command by IH2	5303	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 Signal - Pickup Ix or Ir	5304	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 Signal - Trip	5305	Discrete	No	No	No	No	No	No	No	No	No	No
50R2 Signal - Trip Command	5306	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 Signal - Active	5350	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 Signal - Trip Command blocked	5351	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 Signal - External Blocking of the Trip Command	5352	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 Signal - Blocking Trip Command by IH2	5353	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 Signal - Pickup Ix or Ir	5354	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 Signal - Trip	5355	Discrete	No	No	No	No	No	No	No	No	No	No
50X1 Signal - Trip Command	5356	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 Signal - Active	5400	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 Signal - Trip Command blocked	5401	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 Signal - External Blocking of the Trip Command	5402	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 Signal - Blocking Trip Command by IH2	5403	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 Signal - Pickup Ix or Ir	5404	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 Signal - Trip	5405	Discrete	No	No	No	No	No	No	No	No	No	No
50X2 Signal - Trip Command	5406	Discrete	No	No	No	No	No	No	No	No	No	No
51J1 Jam Alarms counter	5450	Discrete	No	No	No	No	No	No	No	No	No	No
51J1 Jam trips counter	5451	Discrete	No	No	No	No	No	No	No	No	No	No
51J2 Jam Alarms counter	5452	Discrete	No	No	No	No	No	No	No	No	No	No
51J2 Jam trips counter	5453	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 IOC Alarms counter	5454	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 IOC Trips counter	5455	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 IOC Alarms counter	5456	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 IOC Trips counter	5457	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 IOC Alarms counter	5458	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 IOC Trips counter	5459	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 IOC Alarms counter	5460	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 IOC Trips counter	5461	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 IOC Alarms counter	5462	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 IOC Trips counter	5463	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 IOC Alarms counter	5464	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 IOC Trips counter	5465	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 IOC Alarms counter	5466	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 IOC Trips counter	5467	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Active	5500	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Trip Command blocked	5501	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - External Blocking of the Trip Command	5502	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Blocking Trip Command by IH2	5503	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Pickup IA	5504	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Pickup IB	5505	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Pickup IC	5506	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Pickup	5507	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Trip Phase A	5508	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Trip Phase B	5509	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Trip Phase C	5510	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Trip	5511	Discrete	No	No	No	No	No	No	No	No	No	No
51P1 Signal - Trip Command	5512	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Active	5550	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Trip Command blocked	5551	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - External Blocking of the Trip Command	5552	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Blocking Trip Command by IH2	5553	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
51P2 Signal - Pickup IA	5554	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Pickup IB	5555	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Pickup IC	5556	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Pickup	5557	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Trip Phase A	5558	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Trip Phase B	5559	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Trip Phase C	5560	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Trip	5561	Discrete	No	No	No	No	No	No	No	No	No	No
51P2 Signal - Trip Command	5562	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Active	5600	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Trip Command blocked	5601	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - External Blocking of the Trip Command	5602	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Blocking Trip Command by IH2	5603	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Pickup IA	5604	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Pickup IB	5605	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Pickup IC	5606	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Pickup	5607	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Trip Phase A	5608	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Trip Phase B	5609	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Trip Phase C	5610	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Trip	5611	Discrete	No	No	No	No	No	No	No	No	No	No
51P3 Signal - Trip Command	5612	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Active	5650	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Trip Command blocked	5651	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - External Blocking of the Trip Command	5652	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Blocking Trip Command by IH2	5653	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Pickup IA	5654	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Pickup IB	5655	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Pickup IC	5656	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Pickup	5657	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Trip Phase A	5658	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Trip Phase B	5659	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Trip Phase C	5660	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Trip	5661	Discrete	No	No	No	No	No	No	No	No	No	No
51P4 Signal - Trip Command	5662	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 Signal - Active	5700	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 Signal - Trip Command blocked	5701	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 Signal - External Blocking of the Trip Command	5702	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 Signal - Blocking Trip Command by IH2	5703	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 Signal - Pickup Ix or Ir	5704	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 Signal - Trip	5705	Discrete	No	No	No	No	No	No	No	No	No	No
51R1 Signal - Trip Command	5706	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 Signal - Active	5750	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 Signal - Trip Command blocked	5751	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 Signal - External Blocking of the Trip Command	5752	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 Signal - Blocking Trip Command by IH2	5753	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 Signal - Pickup Ix or Ir	5754	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 Signal - Trip	5755	Discrete	No	No	No	No	No	No	No	No	No	No
51R2 Signal - Trip Command	5756	Discrete	No	No	No	No	No	No	No	No	No	No
51Q1 Signal - Active	5800	Discrete	No	No	No	No	No	No	No	No	No	No
51Q1 Signal - Trip Command blocked	5801	Discrete	No	No	No	No	No	No	No	No	No	No
51Q1 Signal - External Blocking of the Trip Command	5802	Discrete	No	No	No	No	No	No	No	No	No	No
51Q1 Signal - Pickup	5803	Discrete	No	No	No	No	No	No	No	No	No	No
51Q1 Signal - Trip	5804	Discrete	No	No	No	No	No	No	No	No	No	No
51Q1 Signal - Trip Command	5805	Discrete	No	No	No	No	No	No	No	No	No	No
51Q2 Signal - Active	5850	Discrete	No	No	No	No	No	No	No	No	No	No
51Q2 Signal - Trip Command blocked	5851	Discrete	No	No	No	No	No	No	No	No	No	No
51Q2 Signal - External Blocking of the Trip Command	5852	Discrete	No	No	No	No	No	No	No	No	No	No
51Q2 Signal - Pickup	5853	Discrete	No	No	No	No	No	No	No	No	No	No
51Q2 Signal - Trip	5854	Discrete	No	No	No	No	No	No	No	No	No	No
51Q2 Signal - Trip Command	5855	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 Signal - Active	5900	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 Signal - Trip Command blocked	5901	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 Signal - External Blocking of the Trip Command	5902	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 Signal - Blocking Trip Command by IH2	5903	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 Signal - Pickup Ix or Ir	5904	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 Signal - Trip	5905	Discrete	No	No	No	No	No	No	No	No	No	No
51X1 Signal - Trip Command	5906	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 Signal - Active	5950	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 Signal - Trip Command blocked	5951	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 Signal - External Blocking of the Trip Command	5952	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 Signal - Blocking Trip Command by IH2	5953	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 Signal - Pickup Ix or Ir	5954	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 Signal - Trip	5955	Discrete	No	No	No	No	No	No	No	No	No	No
51X2 Signal - Trip Command	5956	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 Active	6000	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 Trip Command blocked	6001	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 External Blocking of the Trip Command	6002	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 Pickup	6003	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 Trip	6004	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 Trip Command	6005	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 Compensation Signal	6006	Discrete	No	No	No	No	No	No	No	No	No	No
55A1 Pickup Power Factor Impossible	6007	Discrete	No	No	No	No	No	No	No	No	No	No
55A2 Active	6050	Discrete	No	No	No	No	No	No	No	No	No	No
55A2 Trip Command blocked	6051	Discrete	No	No	No	No	No	No	No	No	No	No
55A2 External Blocking of the Trip Command	6052	Discrete	No	No	No	No	No	No	No	No	No	No
55A2 Pickup	6053	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
55A2 Trip	6054	Discrete	No	No	No	No	No	No	No	No	No	No
55A2 Trip Command	6055	Discrete	No	No	No	No	No	No	No	No	No	No
55A2 Compensation Signal	6056	Discrete	No	No	No	No	No	No	No	No	No	No
55A2 Pickup Power Factor Impossible	6057	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 Active	6100	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 Trip Command blocked	6101	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 External Blocking of the Trip Command	6102	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 Pickup	6103	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 Trip	6104	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 Trip Command	6105	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 Compensation Signal	6106	Discrete	No	No	No	No	No	No	No	No	No	No
55D1 Pickup Power Factor Impossible	6107	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 Active	6150	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 Trip Command blocked	6151	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 External Blocking of the Trip Command	6152	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 Pickup	6153	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 Trip	6154	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 Trip Command	6155	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 Compensation Signal	6156	Discrete	No	No	No	No	No	No	No	No	No	No
55D2 Pickup Power Factor Impossible	6157	Discrete	No	No	No	No	No	No	No	No	No	No
59A1 Active	6200	Discrete	No	No	No	No	No	No	No	No	No	No
59A1 Trip Command blocked	6201	Discrete	No	No	No	No	No	No	No	No	No	No
59A1 External Blocking of the Trip Command	6202	Discrete	No	No	No	No	No	No	No	No	No	No
59A1 Pickup	6203	Discrete	No	No	No	No	No	No	No	No	No	No
59A1 Trip	6204	Discrete	No	No	No	No	No	No	No	No	No	No
59A1 Trip Command	6205	Discrete	No	No	No	No	No	No	No	No	No	No
59A2 Active	6250	Discrete	No	No	No	No	No	No	No	No	No	No
59A2 Trip Command blocked	6251	Discrete	No	No	No	No	No	No	No	No	No	No
59A2 External Blocking of the Trip Command	6252	Discrete	No	No	No	No	No	No	No	No	No	No
59A2 Pickup	6253	Discrete	No	No	No	No	No	No	No	No	No	No
59A2 Trip	6254	Discrete	No	No	No	No	No	No	No	No	No	No
59A2 Trip Command	6255	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Active	6300	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Trip Command blocked	6301	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 External Blocking of the Trip Command	6302	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Pickup A	6303	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Pickup B	6304	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Pickup C	6305	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Pickup	6306	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Trip Phase A	6307	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Trip Phase B	6308	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Trip Phase C	6309	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Trip	6310	Discrete	No	No	No	No	No	No	No	No	No	No
59M1 Trip Command	6311	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Active	6350	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Trip Command blocked	6351	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 External Blocking of the Trip Command	6352	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Pickup A	6353	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Pickup B	6354	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Pickup C	6355	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Pickup	6356	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Trip Phase A	6357	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Trip Phase B	6358	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Trip Phase C	6359	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Trip	6360	Discrete	No	No	No	No	No	No	No	No	No	No
59M2 Trip Command	6361	Discrete	No	No	No	No	No	No	No	No	No	No
59N1 Active	6400	Discrete	No	No	No	No	No	No	No	No	No	No
59N1 Trip Command blocked	6401	Discrete	No	No	No	No	No	No	No	No	No	No
59N1 External Blocking of the Trip Command	6402	Discrete	No	No	No	No	No	No	No	No	No	No
59N1 Pickup	6403	Discrete	No	No	No	No	No	No	No	No	No	No
59N1 Trip	6404	Discrete	No	No	No	No	No	No	No	No	No	No
59N1 Trip Command	6405	Discrete	No	No	No	No	No	No	No	No	No	No
59N2 Active	6450	Discrete	No	No	No	No	No	No	No	No	No	No
59N2 Trip Command blocked	6451	Discrete	No	No	No	No	No	No	No	No	No	No
59N2 External Blocking of the Trip Command	6452	Discrete	No	No	No	No	No	No	No	No	No	No
59N2 Pickup	6453	Discrete	No	No	No	No	No	No	No	No	No	No
59N2 Trip	6454	Discrete	No	No	No	No	No	No	No	No	No	No
59N2 Trip Command	6455	Discrete	No	No	No	No	No	No	No	No	No	No
79-Automatic Recloser Status	6500	Discrete	No	No	No	No	No	No	No	No	No	No
79-Fail	6501	Discrete	No	No	No	No	No	No	No	No	No	No
PLC 79-Reclose Blocked	6502	Discrete	No	No	No	No	No	No	No	No	No	No
PLC 79-Reclose Lockout	6503	Discrete	No	No	No	No	No	No	No	No	No	No
PLC 79-Reclose Initiate	6504	Discrete	No	No	No	No	No	No	No	No	No	No
79-Reclose Shot #1	6505	Discrete	No	No	No	No	No	No	No	No	No	No
79-Reclose Shot #2	6506	Discrete	No	No	No	No	No	No	No	No	No	No
79-Reclose Shot #3	6507	Discrete	No	No	No	No	No	No	No	No	No	No
79-Reclose Shot #4	6508	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Active	6550	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Blocked by UnderVoltage	6551	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Trip Command blocked	6552	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 External Blocking of the Trip Command	6553	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Pickup Frequency Protection	6554	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Pickup rate of change of frequency	6555	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Frequency has exceeded the limit	6556	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Trip on df/dt or DFDT	6557	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Pickup Frequency collective signal	6558	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Pickup Vector Surge	6559	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
81-1 Trip Frequency collective signal	6560	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Trip Vector Surge	6561	Discrete	No	No	No	No	No	No	No	No	No	No
81-1 Trip Command	6562	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Active	6600	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Blocked by UnderVoltage	6601	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Trip Command blocked	6602	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 External Blocking of the Trip Command	6603	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Pickup Frequency Protection	6604	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Pickup rate of change of frequency	6605	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Frequency has exceeded the limit	6606	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Trip on dfdt or DFDT	6607	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Pickup Frequency collective signal	6608	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Pickup Vector Surge	6609	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Trip Frequency collective signal	6610	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Trip Vector Surge	6611	Discrete	No	No	No	No	No	No	No	No	No	No
81-2 Trip Command	6612	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Active	6650	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Blocked by UnderVoltage	6651	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Trip Command blocked	6652	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 External Blocking of the Trip Command	6653	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Pickup Frequency Protection	6654	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Pickup rate of change of frequency	6655	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Frequency has exceeded the limit	6656	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Trip on dfdt or DFDT	6657	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Pickup Frequency collective signal	6658	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Pickup Vector Surge	6659	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Trip Frequency collective signal	6660	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Trip Vector Surge	6661	Discrete	No	No	No	No	No	No	No	No	No	No
81-3 Trip Command	6662	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Active	6700	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Blocked by UnderVoltage	6701	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Trip Command blocked	6702	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 External Blocking of the Trip Command	6703	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Pickup Frequency Protection	6704	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Pickup rate of change of frequency	6705	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Frequency has exceeded the limit	6706	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Trip on df/dt or DF/DT	6707	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Pickup Frequency (collective signal)	6708	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Pickup Vector Surge	6709	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Trip Frequency collective signal	6710	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Trip Vector Surge	6711	Discrete	No	No	No	No	No	No	No	No	No	No
81-4 Trip Command	6712	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Active	6750	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Blocked by UnderVoltage	6751	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Trip Command blocked	6752	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 External Blocking of the Trip Command	6753	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Pickup Frequency Protection	6754	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Pickup rate of change of frequency	6755	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Frequency has exceeded the limit	6756	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Trip on dfdt or DFDT	6757	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Pickup Frequency collective signal	6758	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Pickup Vector Surge	6759	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Trip Frequency collective signal	6760	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Trip Vector Surge	6761	Discrete	No	No	No	No	No	No	No	No	No	No
81-5 Trip Command	6762	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Active	6800	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Blocked by UnderVoltage	6801	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Trip Command blocked	6802	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 External Blocking of the Trip Command	6803	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Pickup Frequency Protection	6804	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Pickup rate of change of frequency	6805	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Frequency has exceeded the limit	6806	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Trip on dfdt or DFDT	6807	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Pickup Frequency collective signal	6808	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Pickup Vector Surge	6809	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Trip Frequency collective signal	6810	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Trip Vector Surge	6811	Discrete	No	No	No	No	No	No	No	No	No	No
81-6 Trip Command	6812	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Active	6850	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Trip Command blocked	6851	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - External Blocking of the Trip Command	6852	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Blocked by harmonics 2	6853	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Blocked by harmonics 4	6854	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Blocked by harmonics 5	6855	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Blocked by harmonics 2-4-5	6856	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Diff Protection blocked by CT supervision	6857	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Stabilization of Diff. protection by raising trip curve	6858	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Temporary stabilization of Diff. protection afterward transformer is energized	6859	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Alarm Phase A	6860	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Alarm Phase B	6861	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Alarm Phase C	6862	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Pickup	6863	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Trip Phase A	6864	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Trip Phase B	6865	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Trip Phase C	6866	Discrete	No	No	No	No	No	No	No	No	No	No
87 Signal - Trip	6867	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
87 Signal - Trip Command	6868	Discrete	No	No	No	No	No	No	No	No	No	No
87GD1 Signal - Active	6900	Discrete	No	No	No	No	No	No	No	No	No	No
87GD1 Signal - Trip Command blocked	6901	Discrete	No	No	No	No	No	No	No	No	No	No
87GD1 Signal - External Blocking of the Trip Command	6902	Discrete	No	No	No	No	No	No	No	No	No	No
87GD1 Signal - Pickup	6903	Discrete	No	No	No	No	No	No	No	No	No	No
87GD1 Signal - Trip	6904	Discrete	No	No	No	No	No	No	No	No	No	No
87GD1 Signal - Trip Command	6905	Discrete	No	No	No	No	No	No	No	No	No	No
87GD2 Signal - Active	6950	Discrete	No	No	No	No	No	No	No	No	No	No
87GD2 Signal - Trip Command blocked	6951	Discrete	No	No	No	No	No	No	No	No	No	No
87GD2 Signal - External Blocking of the Trip Command	6952	Discrete	No	No	No	No	No	No	No	No	No	No
87GD2 Signal - Pickup	6953	Discrete	No	No	No	No	No	No	No	No	No	No
87GD2 Signal - Trip	6954	Discrete	No	No	No	No	No	No	No	No	No	No
87GD2 Signal - Trip Command	6955	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH1 Signal - Active	7000	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH1 Signal - Trip Command blocked	7001	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH1 Signal - External Blocking of the Trip Command	7002	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH1 Signal - Pickup	7003	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH1 Signal - Trip	7004	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH1 Signal - Trip Command	7005	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH2 Signal - Active	7050	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH2 Signal - Trip Command blocked	7051	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH2 Signal - External Blocking of the Trip Command	7052	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH2 Signal - Pickup	7053	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH2 Signal - Trip	7054	Discrete	No	No	No	No	No	No	No	No	No	No
87GDH2 Signal - Trip Command	7055	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Active	7100	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Trip Command blocked	7101	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - External Blocking of the Trip Command	7102	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Pickup	7103	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Alarm Phase A	7104	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Alarm Phase B	7105	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Alarm Phase C	7106	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Trip	7107	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Trip Phase A	7108	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Trip Phase B	7109	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Trip Phase C	7110	Discrete	No	No	No	No	No	No	No	No	No	No
87H Signal - Trip Command	7111	Discrete	No	No	No	No	No	No	No	No	No	No
BF Signal - BF Module Started	7150	Discrete	No	No	No	No	No	No	No	No	No	No
BF Signal - Active	7151	Discrete	No	No	No	No	No	No	No	No	No	No
BF Signal - Trigger1 will start the BF	7152	Discrete	No	No	No	No	No	No	No	No	No	No
BF Signal - Trigger2 will start the BF	7153	Discrete	No	No	No	No	No	No	No	No	No	No
BF Signal - Trigger3 will start the BF	7154	Discrete	No	No	No	No	No	No	No	No	No	No
BF Signal - Breaker Failure	7155	Discrete	No	No	No	No	No	No	No	No	No	No
BF Signal - Breaker Failure Trip	7156	Discrete	No	No	No	No	No	No	No	No	No	No
BF2 Signal - BF Module Started	7200	Discrete	No	No	No	No	No	No	No	No	No	No
BF2 Signal - Active	7201	Discrete	No	No	No	No	No	No	No	No	No	No
BF2 Signal - Trigger1 will start the BF2	7202	Discrete	No	No	No	No	No	No	No	No	No	No
BF2 Signal - Trigger2 will start the BF2	7203	Discrete	No	No	No	No	No	No	No	No	No	No
BF2 Signal - Trigger3 will start the BF2	7204	Discrete	No	No	No	No	No	No	No	No	No	No
BF2 Signal - Pickup	7205	Discrete	No	No	No	No	No	No	No	No	No	No
BF2 Signal - Trip	7206	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr1 Signal - Breaker is Ready for operation	7250	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr1 Signal - Breaker State Position	7251	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr1 Signal - Breaker Indeterminate	7252	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr1 Signal - Breaker Open	7253	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr1 Signal - Breaker Closed	7254	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr1 Signal - Breaker Disturbed	7255	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr2 Signal - Breaker is Ready for operation	7300	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr2 Signal - Breaker State Position	7301	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr2 Signal - Breaker Indeterminate	7302	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr2 Signal - Breaker Open	7303	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr2 Signal - Breaker Closed	7304	Discrete	No	No	No	No	No	No	No	No	No	No
Bkr2 Signal - Breaker Disturbed	7305	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear1 Signal - Active	7350	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear1 Signal - Max sum of tripping currents reached in at least 1 phase	7351	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear1 Signal - Max sum of tripping currents exceeded on IA	7352	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear1 Signal - Max sum of tripping currents exceeded on IB	7353	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear1 Signal - Max sum of tripping currents exceeded on IC	7354	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear1 Signal - Alarm on too many operations	7355	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear2 Signal - Active	7400	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear2 Signal - Max sum of tripping currents reached in at least 1 phase	7401	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear2 Signal - Max sum of tripping currents exceeded on IA	7402	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear2 Signal - Max sum of tripping currents exceeded on IB	7403	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear2 Signal - Max sum of tripping currents exceeded on IC	7404	Discrete	No	No	No	No	No	No	No	No	No	No
BKRwear2 Signal - Alarm on too many operations	7405	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush Signal - Active	7450	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush Signal - Blocked Phase A	7451	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush Signal - Blocked Phase B	7452	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush Signal - Blocked Phase C	7453	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush Signal - Blocked Phase IG	7454	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush Signal - Inrush detected in at least 1 Phase	7455	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush2 Signal - Active	7500	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush2 Signal - Blocked Phase A	7501	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush2 Signal - Blocked Phase B	7502	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush2 Signal - Blocked Phase C	7503	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Inrush2 Signal - Blocked Phase IG	7504	Discrete	No	No	No	No	No	No	No	No	No	No
Inrush2 Signal - Inrush detected in at least 1 phase	7505	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - Active	7550	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - Trip Command blocked	7551	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - External Blocking of the Trip Command	7552	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - Alarm	7553	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - Module Input State pickup	7554	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - Trip	7555	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - Module Input State trip	7556	Discrete	No	No	No	No	No	No	No	No	No	No
Sudden Press Signal - Trip Command	7557	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - Active	7600	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - Trip Command blocked	7601	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - External Blocking of the Trip Command	7602	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - Alarm	7603	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - Module Input State pickup	7604	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - Trip	7605	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - Module Input State trip	7606	Discrete	No	No	No	No	No	No	No	No	No	No
Ext Temp Spv1 Signal - Trip Command	7607	Discrete	No	No	No	No	No	No	No	No	No	No
CTS Signal - Active	7650	Discrete	No	No	No	No	No	No	No	No	No	No
CTS Signal - Pickup Current Transformer Measuring Circuit Supervision	7651	Discrete	No	No	No	No	No	No	No	No	No	No
CTS2 Signal - Active	7652	Discrete	No	No	No	No	No	No	No	No	No	No
CTS2 Signal - Pickup Current Transformer Measuring Circuit Supervision	7653	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Parameter Set 1	7700	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Parameter Set 2	7701	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Parameter Set 3	7702	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Parameter Set 4	7703	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Manual Switch over of a Parameter Set	7704	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Parameter Set Switch via communication	7705	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Parameter Set Switch via input function	7706	Discrete	No	No	No	No	No	No	No	No	No	No
State of the module input that should activate the setting group 1.	7707	Discrete	No	No	No	No	No	No	No	No	No	No
State of the module input that should activate the setting group 2.	7708	Discrete	No	No	No	No	No	No	No	No	No	No
State of the module input that should activate the setting group 3.	7709	Discrete	No	No	No	No	No	No	No	No	No	No
State of the module input that should activate the setting group 4.	7710	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - At least 1 parameter has been changed	7711	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Blocked by BF	7750	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Active	7751	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Trip Command blocked	7752	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - External Blocking of the Trip Command	7753	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Ground Out	7754	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Ground Pickup	7755	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Ground Trip	7756	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Phase Out	7757	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Phase Pickup	7758	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Phase Trip	7759	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Z1 In	7760	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Z1 Out	7761	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Pickup	7762	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Trip	7763	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock1 Signal - Trip Command	7764	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Blocked by BF	7800	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Active	7801	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Trip Command blocked	7802	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - External Blocking of the Trip Command	7803	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Ground Out	7804	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Ground Pickup	7805	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Ground Trip	7806	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Phase Out	7807	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Phase Pickup	7808	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Phase Trip	7809	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Z1 In	7810	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Z1 Out	7811	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Pickup	7812	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Trip	7813	Discrete	No	No	No	No	No	No	No	No	No	No
Zone Interlock2 Signal - Trip Command	7814	Discrete	No	No	No	No	No	No	No	No	No	No
SOTF Signal - External Switch onto Fault Alarm	7850	Discrete	No	No	No	No	No	No	No	No	No	No
SOTF Signal - Active	7851	Discrete	No	No	No	No	No	No	No	No	No	No
SOTF Signal - Breaker Switch Position Criterion	7852	Discrete	No	No	No	No	No	No	No	No	No	No
SOTF Signal - Blocked by Auto-Recloser	7853	Discrete	No	No	No	No	No	No	No	No	No	No
SOTF Signal - Switch onto Fault Enabled	7854	Discrete	No	No	No	No	No	No	No	No	No	No
SOTF Signal - Breaker Switched On Manually	7855	Discrete	No	No	No	No	No	No	No	No	No	No
SOTF Signal - No Load Current	7856	Discrete	No	No	No	No	No	No	No	No	No	No
CLPU Signal - Active	7900	Discrete	No	No	No	No	No	No	No	No	No	No
CLPU Signal - Breaker Switch Position Criterion	7901	Discrete	No	No	No	No	No	No	No	No	No	No
CLPU Signal - Cold Load Enabled	7902	Discrete	No	No	No	No	No	No	No	No	No	No
CLPU Signal - Cold Load Detected	7903	Discrete	No	No	No	No	No	No	No	No	No	No
CLPU Signal - No Load Current	7904	Discrete	No	No	No	No	No	No	No	No	No	No
CLPU Signal - Blocked by Auto-Recloser	7905	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Peak	30400	Register	No	No	No	No	No	No	No	No	No	No
Time of Reset of Max RTD Temperatures	30402	Register	No	No	No	No	No	No	No	No	No	No
RTD #1 Temperature	30405	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #1	30407	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #1 Maximum Temperature	30409	Register	No	No	No	No	No	No	No	No	No	No
RTD #2 Temperature	30412	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #2	30414	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #2 Maximum Temperature	30416	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
RTD #3 Temperature	30419	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #3	30421	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #3 Maximum Temperature	30423	Register	No	No	No	No	No	No	No	No	No	No
RTD #4 Temperature	30426	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #4	30428	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #4 Maximum Temperature	30430	Register	No	No	No	No	No	No	No	No	No	No
RTD #5 Temperature	30433	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #5	30435	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #5 Maximum Temperature	30437	Register	No	No	No	No	No	No	No	No	No	No
RTD #6 Temperature	30440	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #6	30442	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #6 Maximum Temperature	30444	Register	No	No	No	No	No	No	No	No	No	No
RTD #7 Temperature	30447	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #7	30449	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #7 Maximum Temperature	30451	Register	No	No	No	No	No	No	No	No	No	No
RTD #8 Temperature	30454	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #8	30456	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #8 Maximum Temperature	30458	Register	No	No	No	No	No	No	No	No	No	No
RTD #9 Temperature	30461	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #9	30463	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #9 Maximum Temperature	30465	Register	No	No	No	No	No	No	No	No	No	No
RTD #10 Temperature	30468	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #10	30470	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #10 Maximum Temperature	30472	Register	No	No	No	No	No	No	No	No	No	No
RTD #11 Temperature	30475	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #11	30477	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #11 Maximum Temperature	30479	Register	No	No	No	No	No	No	No	No	No	No
RTD #12 Temperature	30482	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #12	30484	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #12 Maximum Temperature	30486	Register	No	No	No	No	No	No	No	No	No	No
RTD #13 Temperature	30489	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #13	30491	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #13 Maximum Temperature	30493	Register	No	No	No	No	No	No	No	No	No	No
RTD #14 Temperature	30496	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #14	30498	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #14 Maximum Temperature	30500	Register	No	No	No	No	No	No	No	No	No	No
RTD #15 Temperature	30503	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #15	30505	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #15 Maximum Temperature	30507	Register	No	No	No	No	No	No	No	No	No	No
RTD #16 Temperature	30510	Register	No	No	No	No	No	No	No	No	No	No
Max Temperature RTD #16	30512	Register	No	No	No	No	No	No	No	No	No	No
Time of RTD #16 Maximum Temperature	30514	Register	No	No	No	No	No	No	No	No	No	No
RTD Signal - Active	8500	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Trip Command blocked	8501	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - External Blocking of the Trip Command	8502	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Alarm	8503	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Trip	8504	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Trip Command	8505	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase A Alarm	8506	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase A Timeout Alarm	8507	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase A Trip	8508	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase A Invalid	8509	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase B Alarm	8510	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase B Timeout Alarm	8511	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase B Trip	8512	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase B Invalid	8513	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase C Alarm	8514	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase C Timeout Alarm	8515	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase C Trip	8516	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 1 Phase C Invalid	8517	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase A Alarm	8518	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase A Timeout Alarm	8519	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase A Trip	8520	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase A Invalid	8521	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase B Alarm	8522	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase B Timeout Alarm	8523	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase B Trip	8524	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase B Invalid	8525	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase C Alarm	8526	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase C Timeout Alarm	8527	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase C Trip	8528	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Winding 2 Phase C Invalid	8529	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb1 Alarm	8530	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb1 Timeout Alarm	8531	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb1 Trip	8532	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb1 Invalid	8533	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb2 Alarm	8534	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb2 Timeout Alarm	8535	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb2 Trip	8536	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Amb2 Invalid	8537	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux1 Alarm	8538	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux1 Timeout Alarm	8539	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux1 Trip	8540	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux1 Invalid	8541	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux2 Alarm	8542	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux2 Timeout Alarm	8543	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux2 Trip	8544	Discrete	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
RTD Signal - Aux2 Invalid	8545	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux3 Alarm	8546	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux3 Timeout Alarm	8547	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux3 Trip	8548	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Aux3 Invalid	8549	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Any RTD Group Alarm	8550	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Any RTD Group Timeout Alarm	8551	Discrete	No	No	No	No	No	No	No	No	No	No
RTD Signal - Any RTD Group Trip	8552	Discrete	No	No	No	No	No	No	No	No	No	No
TCM1 Signal - Active	8600	Discrete	No	No	No	No	No	No	No	No	No	No
TCM1 Signal - Pickup	8601	Discrete	No	No	No	No	No	No	No	No	No	No
TCM1 Signal - Not Possible	8602	Discrete	No	No	No	No	No	No	No	No	No	No
TCM1 Signal - Breaker switch position criterion	8603	Discrete	No	No	No	No	No	No	No	No	No	No
TCM1 Signal - Breaker 52A	8604	Discrete	No	No	No	No	No	No	No	No	No	No
TCM1 Signal - Breaker 52B	8605	Discrete	No	No	No	No	No	No	No	No	No	No
TCM2 Signal - Active	8650	Discrete	No	No	No	No	No	No	No	No	No	No
TCM2 Signal - Pickup	8651	Discrete	No	No	No	No	No	No	No	No	No	No
TCM2 Signal - Not Possible	8652	Discrete	No	No	No	No	No	No	No	No	No	No
TCM2 Signal - Breaker switch position criterion	8653	Discrete	No	No	No	No	No	No	No	No	No	No
TCM2 Signal - Breaker 52A	8654	Discrete	No	No	No	No	No	No	No	No	No	No
TCM2 Signal - Breaker 52B	8655	Discrete	No	No	No	No	No	No	No	No	No	No
SYS Signal - Arc Flash reduction maintenance active	8700	Discrete	No	No	No	No	No	No	No	No	No	No
SYS Signal - Arc Flash reduction maintenance manual mode	8701	Discrete	No	No	No	No	No	No	No	No	No	No
SYS Signal - Arc Flash reduction maintenance DI mode	8702	Discrete	No	No	No	No	No	No	No	No	No	No
SYS Signal - Arc Flash reduction maintenance Comm mode	8703	Discrete	No	No	No	No	No	No	No	No	No	No
SYS Signal - Arc Flash reduction maintenance inactive	8704	Discrete	No	No	No	No	No	No	No	No	No	No
SYS Signal - Arc Flash reduction maintenance switch	8705	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - W1-A supervision	8750	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - W1-B supervision	8751	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - W1-C supervision	8752	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - W2-A supervision	8753	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - W2-B supervision	8754	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - W2-C supervision	8755	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - Amb1 supervision	8756	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - Amb2 supervision	8757	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - Aux1 supervision	8758	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - Aux2 supervision	8759	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - Aux3 supervision	8760	Discrete	No	No	No	No	No	No	No	No	No	No
Modbus Signal - URTD supervision	8761	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 1	8800	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 2	8801	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 3	8802	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 4	8803	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 5	8804	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 6	8805	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 7	8806	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Digital Input 8	8807	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Binary Output Relay 1	8850	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Binary Output Relay 2	8851	Discrete	No	No	No	No	No	No	No	No	No	No
Signal - Binary Output Relay 3	8852	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX2 Signal - Relay Outputs Disarmed	8900	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX2 Signal - At least one relay output set by force	8901	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX2 Signal - Z1 out	8902	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX2 Signal - Relay Output 1	8903	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX2 Signal - Relay Output 2	8904	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX2 Signal - Relay Output 3	8905	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX2 Signal - Relay Output 4	8906	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Relay Outputs Disarmed	8950	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - At least one relay output set by force	8951	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Z1 out	8952	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Relay Output 1	8953	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Relay Output 2	8954	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Relay Output 3	8955	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Relay Output 4	8956	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Relay Output 5	8957	Discrete	No	No	No	No	No	No	No	No	No	No
RO SlotX5 Signal - Relay Output 6	8958	Discrete	No	No	No	No	No	No	No	No	No	No
PowerCTR Counter OverFlow Wh Fwd	9000	Discrete	No	No	No	No	No	No	No	No	No	No
PowerCTR Counter OverFlow Wh Rev	9001	Discrete	No	No	No	No	No	No	No	No	No	No
PowerCTR Counter OverFlow VarH Lag	9002	Discrete	No	No	No	No	No	No	No	No	No	No
PowerCTR Counter OverFlow VarH Lead	9003	Discrete	No	No	No	No	No	No	No	No	No	No
LOP Active	9050	Discrete	No	No	No	No	No	No	No	No	No	No
LOP Loss of potential blocked	9051	Discrete	No	No	No	No	No	No	No	No	No	No
LOP Loss of potential pickup	9052	Discrete	No	No	No	No	No	No	No	No	No	No
Motor Bearing Temperature 1	12020	Register	No	No	No	No	No	No	No	No	No	No
Motor Bearing Temperature 2	12022	Register	No	No	No	No	No	No	No	No	No	No
Load Bearing Temperature 1	12024	Register	No	No	No	No	No	No	No	No	No	No
Load Bearing Temperature 2	12026	Register	No	No	No	No	No	No	No	No	No	No
Max Motor Bearing Temperature	12038	Register	No	No	No	No	No	No	No	No	No	No
Time Max Motor Bearing Temperature	12040	Register	No	No	No	No	No	No	No	No	No	No
Max Load Bearing Temperature	12043	Register	No	No	No	No	No	No	No	No	No	No
Time Max Load Bearing Temperature	12045	Register	No	No	No	No	No	No	No	No	No	No
Highest Load Bearing Temperature	35600	Register	No	No	No	No	No	No	No	No	No	No
Highest Motor Bearing Temperature	35602	Register	No	No	No	No	No	No	No	No	No	No
Highest Winding Temperature	35604	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 1 A	31566	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 1 B	31568	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 1 C	31570	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 2 A	31572	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Winding Temperature 2 B	31574	Register	No	No	No	No	No	No	No	No	No	No
Winding Temperature 2 C	31576	Register	No	No	No	No	No	No	No	No	No	No
Ambient Temperature 1	31578	Register	No	No	No	No	No	No	No	No	No	No
Ambient Temperature 2	31580	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Temperature 1	31582	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Temperature 2	31584	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Temperature 3	31586	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 A Avg	31500	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 B Avg	31502	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 C Avg	31504	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 A Avg	31506	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 B Avg	31508	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 C Avg	31510	Register	No	No	No	No	No	No	No	No	No	No
Interval Ambient Temp1 Avg	31512	Register	No	No	No	No	No	No	No	No	No	No
Interval Ambient Temp2 Avg	31514	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp1 Avg	31516	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp2 Avg	31518	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp3 Avg	31520	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 A Min	31522	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 B Min	31524	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 C Min	31526	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 A Min	31528	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 B Min	31530	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 C Min	31532	Register	No	No	No	No	No	No	No	No	No	No
Interval Ambient Temp1 Min	31534	Register	No	No	No	No	No	No	No	No	No	No
Interval Ambient Temp2 Min	31536	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp1 Min	31538	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp2 Min	31540	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp3 Min	31542	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 A Max	31544	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 B Max	31546	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp1 C Max	31548	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 A Max	31550	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 B Max	31552	Register	No	No	No	No	No	No	No	No	No	No
Interval Winding Temp2 C Max	31554	Register	No	No	No	No	No	No	No	No	No	No
Interval Ambient Temp1 Max	31556	Register	No	No	No	No	No	No	No	No	No	No
Interval Ambient Temp2 Max	31558	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp1 Max	31560	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp2 Max	31562	Register	No	No	No	No	No	No	No	No	No	No
Interval Auxiliary Temp3 Max	31564	Register	No	No	No	No	No	No	No	No	No	No
Vr Calculated Avg	31600	Register	No	No	No	No	No	No	No	No	No	No
Vr Calculated Max	31602	Register	No	No	No	No	No	No	No	No	No	No
Vr Calculated Min	31604	Register	No	No	No	No	No	No	No	No	No	No
Vr Calculated RMS	31606	Register	No	No	No	No	No	No	No	No	No	No
Vx Measured Avg	31608	Register	No	No	No	No	No	No	No	No	No	No
Vx Measured Max	31610	Register	No	No	No	No	No	No	No	No	No	No
Vx Measured Min	31612	Register	No	No	No	No	No	No	No	No	No	No
Vr Calculated RMS	31614	Register	No	No	No	No	No	No	No	No	No	No
Voltage Unbalance Interval Avg	31616	Register	No	No	No	No	No	No	No	No	No	No
Voltage Unbalance Interval Max	31618	Register	No	No	No	No	No	No	No	No	No	No
Voltage Unbalance Interval Min	31620	Register	No	No	No	No	No	No	No	No	No	No
IdA	32000	Register	No	No	No	No	No	No	No	No	No	No
IdB	32002	Register	No	No	No	No	No	No	No	No	No	No
IdC	32004	Register	No	No	No	No	No	No	No	No	No	No
IrA	32006	Register	No	No	No	No	No	No	No	No	No	No
IrB	32008	Register	No	No	No	No	No	No	No	No	No	No
IrC	32010	Register	No	No	No	No	No	No	No	No	No	No
Ib (FLA on primary side)	32012	Register	No	No	No	No	No	No	No	No	No	No
I Phase Data	32014	Register	No	No	No	No	No	No	No	No	No	No
I Phase Data2	32016	Register	No	No	No	No	No	No	No	No	No	No
IdA H2	32018	Register	No	No	No	No	No	No	No	No	No	No
IdB H2	32020	Register	No	No	No	No	No	No	No	No	No	No
IdC H2	32022	Register	No	No	No	No	No	No	No	No	No	No
IdA H4	32024	Register	No	No	No	No	No	No	No	No	No	No
IdB H4	32026	Register	No	No	No	No	No	No	No	No	No	No
IdC H4	32028	Register	No	No	No	No	No	No	No	No	No	No
IdA H5	32030	Register	No	No	No	No	No	No	No	No	No	No
IdB H5	32032	Register	No	No	No	No	No	No	No	No	No	No
IdC H5	32034	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H2 Avg	32036	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H2 Max	32038	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H2 Min	32040	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H2 Avg	32042	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H2 Max	32044	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H2 Min	32046	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H2 Avg	32048	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H2 Max	32050	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H2 Min	32052	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H4 Avg	32054	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H4 Max	32056	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H4 Min	32058	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H4 Avg	32060	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H4 Max	32062	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H4 Min	32064	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H4 Avg	32066	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H4 Max	32068	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H4 Min	32070	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Interval IdA H5 Avg	32072	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H5 Max	32074	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA H5 Min	32076	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H5 Avg	32078	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H5 Max	32080	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB H5 Min	32082	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H5 Avg	32084	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H5 Max	32086	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC H5 Min	32088	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA Avg	32090	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA Max	32092	Register	No	No	No	No	No	No	No	No	No	No
Interval IdA Min	32094	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB Avg	32096	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB Max	32098	Register	No	No	No	No	No	No	No	No	No	No
Interval IdB Min	32100	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC Avg	32102	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC Max	32104	Register	No	No	No	No	No	No	No	No	No	No
Interval IdC Min	32106	Register	No	No	No	No	No	No	No	No	No	No
Interval IrA Avg	32108	Register	No	No	No	No	No	No	No	No	No	No
Interval IrA Max	32110	Register	No	No	No	No	No	No	No	No	No	No
Interval IrA Min	32112	Register	No	No	No	No	No	No	No	No	No	No
Interval IrB Avg	32114	Register	No	No	No	No	No	No	No	No	No	No
Interval IrB Max	32116	Register	No	No	No	No	No	No	No	No	No	No
Interval IrB Min	32118	Register	No	No	No	No	No	No	No	No	No	No
Interval IrC Avg	32120	Register	No	No	No	No	No	No	No	No	No	No
Interval IrC Max	32122	Register	No	No	No	No	No	No	No	No	No	No
Interval IrC Min	32124	Register	No	No	No	No	No	No	No	No	No	No
Ir Calculated Avg	32126	Register	No	No	No	No	No	No	No	No	No	No
Ir Calculated Max	32128	Register	No	No	No	No	No	No	No	No	No	No
Ir Calculated Min	32130	Register	No	No	No	No	No	No	No	No	No	No
Ix Measured Avg	32132	Register	No	No	No	No	No	No	No	No	No	No
Ix Measured Max	32134	Register	No	No	No	No	No	No	No	No	No	No
Ix Measured Min	32136	Register	No	No	No	No	No	No	No	No	No	No
Phase Current Unbalance Interval Avg	32138	Register	No	No	No	No	No	No	No	No	No	No
Phase Current Unbalance Interval Max	32140	Register	No	No	No	No	No	No	No	No	No	No
Phase Current Unbalance Interval Min	32142	Register	No	No	No	No	No	No	No	No	No	No
Highest % Unbalance	32144	Register	No	No	No	No	No	No	No	No	No	No
Current 3Phase FLA demand	32146	Register	No	No	No	No	No	No	No	No	No	No
IA FLA avg	32148	Register	No	No	No	No	No	No	No	No	No	No
IA FLA max	32150	Register	No	No	No	No	No	No	No	No	No	No
IA FLA min	32152	Register	No	No	No	No	No	No	No	No	No	No
IB FLA avg	32154	Register	No	No	No	No	No	No	No	No	No	No
IB FLA max	32156	Register	No	No	No	No	No	No	No	No	No	No
IB FLA min	32158	Register	No	No	No	No	No	No	No	No	No	No
IC FLA avg	32160	Register	No	No	No	No	No	No	No	No	No	No
IC FLA max	32162	Register	No	No	No	No	No	No	No	No	No	No
IC FLA min	32164	Register	No	No	No	No	No	No	No	No	No	No
Sum trip I IA Winding 1	33000	Register	No	No	No	No	No	No	No	No	No	No
Sum trip I IB Winding 1	33002	Register	No	No	No	No	No	No	No	No	No	No
Sum trip I IC Winding 1	33004	Register	No	No	No	No	No	No	No	No	No	No
IA RMS Winding 1	33006	Register	No	No	No	No	No	No	No	No	No	No
IB RMS Winding 1	33008	Register	No	No	No	No	No	No	No	No	No	No
IC RMS Winding 1	33010	Register	No	No	No	No	No	No	No	No	No	No
IX meas RMS Winding 1	33012	Register	No	No	No	No	No	No	No	No	No	No
IR calc RMS Winding 1	33014	Register	No	No	No	No	No	No	No	No	No	No
IdG Winding 1	33016	Register	No	No	No	No	No	No	No	No	No	No
IrG Winding 1	33018	Register	No	No	No	No	No	No	No	No	No	No
IG Angle Calc. Winding 1	33020	Register	No	No	No	No	No	No	No	No	No	No
IG angle measurement Winding 1	33022	Register	No	No	No	No	No	No	No	No	No	No
IA angle Winding 1	33024	Register	No	No	No	No	No	No	No	No	No	No
IB angle Winding 1	33026	Register	No	No	No	No	No	No	No	No	No	No
IC angle Winding 1	33028	Register	No	No	No	No	No	No	No	No	No	No
IA THD Winding 1	33030	Register	No	No	No	No	No	No	No	No	No	No
IB THD Winding 1	33032	Register	No	No	No	No	No	No	No	No	No	No
IC THD Winding 1	33034	Register	No	No	No	No	No	No	No	No	No	No
%IA THD Winding 1	33036	Register	No	No	No	No	No	No	No	No	No	No
%IB THD Winding 1	33038	Register	No	No	No	No	No	No	No	No	No	No
%IC THD Winding 1	33040	Register	No	No	No	No	No	No	No	No	No	No
IA fund Winding 1	33042	Register	No	No	No	No	No	No	No	No	No	No
IB fund Winding 1	33044	Register	No	No	No	No	No	No	No	No	No	No
IC fund Winding 1	33046	Register	No	No	No	No	No	No	No	No	No	No
IX meas fund Winding 1	33048	Register	No	No	No	No	No	No	No	No	No	No
I0 fund Winding 1	33050	Register	No	No	No	No	No	No	No	No	No	No
I1 fund Winding 1	33052	Register	No	No	No	No	No	No	No	No	No	No
I2 fund Winding 1	33054	Register	No	No	No	No	No	No	No	No	No	No
IR calc fund Winding 1	33056	Register	No	No	No	No	No	No	No	No	No	No
IG H2 Winding 1	33058	Register	No	No	No	No	No	No	No	No	No	No
IA H2 Winding 1	33060	Register	No	No	No	No	No	No	No	No	No	No
IB H2 Winding 1	33062	Register	No	No	No	No	No	No	No	No	No	No
IC H2 Winding 1	33064	Register	No	No	No	No	No	No	No	No	No	No
Interval IA THD Max Winding 1	33066	Register	No	No	No	No	No	No	No	No	No	No
Interval IB THD Max Winding 1	33068	Register	No	No	No	No	No	No	No	No	No	No
Interval IC THD Max Winding 1	33070	Register	No	No	No	No	No	No	No	No	No	No
Interval %IA THD Max Winding 1	33072	Register	No	No	No	No	No	No	No	No	No	No
Interval %IB THD Max Winding 1	33074	Register	No	No	No	No	No	No	No	No	No	No
Interval %IC THD Max Winding 1	33076	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Avg RMS Winding 1	33078	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Interval IA Max RMS Winding 1	33080	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Min RMS Winding 1	33082	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Avg RMS Winding 1	33084	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Max RMS Winding 1	33086	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Min RMS Winding 1	33088	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Avg RMS Winding 1	33090	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Max RMS Winding 1	33092	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Min RMS Winding 1	33094	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Avg fund. Winding 1	33096	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Max fund. Winding 1	33098	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Min fund. Winding 1	33100	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Avg fund. Winding 1	33102	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Max fund. Winding 1	33104	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Min fund. Winding 1	33106	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Avg fund. Winding 1	33108	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Max fund. Winding 1	33110	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Min fund. Winding 1	33112	Register	No	No	No	No	No	No	No	No	No	No
Interval I1 Avg fund. Winding 1	33114	Register	No	No	No	No	No	No	No	No	No	No
Interval I1 Max fund. Winding 1	33116	Register	No	No	No	No	No	No	No	No	No	No
Interval I1 Min fund. Winding 1	33118	Register	No	No	No	No	No	No	No	No	No	No
Interval I2 Avg fund. Winding 1	33120	Register	No	No	No	No	No	No	No	No	No	No
Interval I2 Max fund. Winding 1	33122	Register	No	No	No	No	No	No	No	No	No	No
Interval I2 Min fund. Winding 1	33124	Register	No	No	No	No	No	No	No	No	No	No
Interval IG H2 Avg Winding 1	33126	Register	No	No	No	No	No	No	No	No	No	No
Interval IG H2 Max Winding 1	33128	Register	No	No	No	No	No	No	No	No	No	No
Interval IG H2 Min Winding 1	33130	Register	No	No	No	No	No	No	No	No	No	No
Interval IA H2 Avg Winding 1	33132	Register	No	No	No	No	No	No	No	No	No	No
Interval IA H2 Max Winding 1	33134	Register	No	No	No	No	No	No	No	No	No	No
Interval IA H2 Min Winding 1	33136	Register	No	No	No	No	No	No	No	No	No	No
Interval IB H2 Avg Winding 1	33138	Register	No	No	No	No	No	No	No	No	No	No
Interval IB H2 Max Winding 1	33140	Register	No	No	No	No	No	No	No	No	No	No
Interval IB H2 Min Winding 1	33142	Register	No	No	No	No	No	No	No	No	No	No
Interval IC H2 Avg Winding 1	33144	Register	No	No	No	No	No	No	No	No	No	No
Interval IC H2 Max Winding 1	33146	Register	No	No	No	No	No	No	No	No	No	No
Interval IC H2 Min Winding 1	33148	Register	No	No	No	No	No	No	No	No	No	No
Interval IdG Winding 1 Avg	33150	Register	No	No	No	No	No	No	No	No	No	No
Interval IdG Winding 1 Max	33152	Register	No	No	No	No	No	No	No	No	No	No
Interval IdG Winding 1 Min	33154	Register	No	No	No	No	No	No	No	No	No	No
Interval IrG Winding 1 Avg	33156	Register	No	No	No	No	No	No	No	No	No	No
Interval IrG Winding 1 Max	33158	Register	No	No	No	No	No	No	No	No	No	No
Interval IrG Winding 1 Min	33160	Register	No	No	No	No	No	No	No	No	No	No
Sum trip I1A Winding 2	33500	Register	No	No	No	No	No	No	No	No	No	No
Sum trip I1B Winding 2	33502	Register	No	No	No	No	No	No	No	No	No	No
Sum trip I1C Winding 2	33504	Register	No	No	No	No	No	No	No	No	No	No
IA RMS Winding 2	33506	Register	No	No	No	No	No	No	No	No	No	No
IB RMS Winding 2	33508	Register	No	No	No	No	No	No	No	No	No	No
IC RMS Winding 2	33510	Register	No	No	No	No	No	No	No	No	No	No
IX meas RMS Winding 2	33512	Register	No	No	No	No	No	No	No	No	No	No
IR calc RMS Winding 2	33514	Register	No	No	No	No	No	No	No	No	No	No
IdG Winding 2	33516	Register	No	No	No	No	No	No	No	No	No	No
IrG Winding 2	33518	Register	No	No	No	No	No	No	No	No	No	No
IG Angle Calc. Winding 2	33520	Register	No	No	No	No	No	No	No	No	No	No
IG angle measurement Winding 2	33522	Register	No	No	No	No	No	No	No	No	No	No
IA angle Winding 2	33524	Register	No	No	No	No	No	No	No	No	No	No
IB angle Winding 2	33526	Register	No	No	No	No	No	No	No	No	No	No
IC angle Winding 2	33528	Register	No	No	No	No	No	No	No	No	No	No
IA THD Winding 2	33530	Register	No	No	No	No	No	No	No	No	No	No
IB THD Winding 2	33532	Register	No	No	No	No	No	No	No	No	No	No
IC THD Winding 2	33534	Register	No	No	No	No	No	No	No	No	No	No
%IA THD Winding 2	33536	Register	No	No	No	No	No	No	No	No	No	No
%IB THD Winding 2	33538	Register	No	No	No	No	No	No	No	No	No	No
%IC THD Winding 2	33540	Register	No	No	No	No	No	No	No	No	No	No
IA fund Winding 2	33542	Register	No	No	No	No	No	No	No	No	No	No
IB fund Winding 2	33544	Register	No	No	No	No	No	No	No	No	No	No
IC fund Winding 2	33546	Register	No	No	No	No	No	No	No	No	No	No
IX meas fund Winding 2	33548	Register	No	No	No	No	No	No	No	No	No	No
I0 fund Winding 2	33550	Register	No	No	No	No	No	No	No	No	No	No
I1 fund Winding 2	33552	Register	No	No	No	No	No	No	No	No	No	No
I2 fund Winding 2	33554	Register	No	No	No	No	No	No	No	No	No	No
IR calc. fund Winding 2	33556	Register	No	No	No	No	No	No	No	No	No	No
IG H2 Winding 2	33558	Register	No	No	No	No	No	No	No	No	No	No
IA H2 Winding 2	33560	Register	No	No	No	No	No	No	No	No	No	No
IB H2 Winding 2	33562	Register	No	No	No	No	No	No	No	No	No	No
IC H2 Winding 2	33564	Register	No	No	No	No	No	No	No	No	No	No
Interval IA THD Max Winding 2	33566	Register	No	No	No	No	No	No	No	No	No	No
Interval IB THD Max Winding 2	33568	Register	No	No	No	No	No	No	No	No	No	No
Interval IC THD Max Winding 2	33570	Register	No	No	No	No	No	No	No	No	No	No
Interval %IA THD Max Winding 2	33572	Register	No	No	No	No	No	No	No	No	No	No
Interval %IB THD Max Winding 2	33574	Register	No	No	No	No	No	No	No	No	No	No
Interval %IC THD Max Winding 2	33576	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Avg RMS Winding 2	33578	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Max RMS Winding 2	33580	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Min RMS Winding 2	33582	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Avg RMS Winding 2	33584	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Max RMS Winding 2	33586	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Min RMS Winding 2	33588	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Avg RMS Winding 2	33590	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Interval IC Max RMS Winding 2	33592	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Min RMS Winding 2	33594	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Avg fund. Winding 2	33596	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Max fund. Winding 2	33598	Register	No	No	No	No	No	No	No	No	No	No
Interval IA Min fund. Winding 2	33600	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Avg fund. Winding 2	33602	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Max fund. Winding 2	33604	Register	No	No	No	No	No	No	No	No	No	No
Interval IB Min fund. Winding 2	33606	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Avg fund. Winding 2	33608	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Max fund. Winding 2	33610	Register	No	No	No	No	No	No	No	No	No	No
Interval IC Min fund. Winding 2	33612	Register	No	No	No	No	No	No	No	No	No	No
Interval I1 Avg fund. Winding 2	33614	Register	No	No	No	No	No	No	No	No	No	No
Interval I1 Max fund. Winding 2	33616	Register	No	No	No	No	No	No	No	No	No	No
Interval I1 Min fund. Winding 2	33618	Register	No	No	No	No	No	No	No	No	No	No
Interval I2 Avg fund. Winding 2	33620	Register	No	No	No	No	No	No	No	No	No	No
Interval I2 Max fund. Winding 2	33622	Register	No	No	No	No	No	No	No	No	No	No
Interval I2 Min fund. Winding 2	33624	Register	No	No	No	No	No	No	No	No	No	No
Interval IG H2 Avg Winding 2	33626	Register	No	No	No	No	No	No	No	No	No	No
Interval IG H2 Max Winding 2	33628	Register	No	No	No	No	No	No	No	No	No	No
Interval IG H2 Min Winding 2	33630	Register	No	No	No	No	No	No	No	No	No	No
Interval IA H2 Avg Winding 2	33632	Register	No	No	No	No	No	No	No	No	No	No
Interval IA H2 Max Winding 2	33634	Register	No	No	No	No	No	No	No	No	No	No
Interval IA H2 Min Winding 2	33636	Register	No	No	No	No	No	No	No	No	No	No
Interval IB H2 Avg Winding 2	33638	Register	No	No	No	No	No	No	No	No	No	No
Interval IB H2 Max Winding 2	33640	Register	No	No	No	No	No	No	No	No	No	No
Interval IB H2 Min Winding 2	33642	Register	No	No	No	No	No	No	No	No	No	No
Interval IC H2 Avg Winding 2	33644	Register	No	No	No	No	No	No	No	No	No	No
Interval IC H2 Max Winding 2	33646	Register	No	No	No	No	No	No	No	No	No	No
Interval IC H2 Min Winding 2	33648	Register	No	No	No	No	No	No	No	No	No	No
Interval IdG Winding 2 Avg	33650	Register	No	No	No	No	No	No	No	No	No	No
Interval IdG Winding 2 Max	33652	Register	No	No	No	No	No	No	No	No	No	No
Interval IdG Winding 2 Min	33654	Register	No	No	No	No	No	No	No	No	No	No
Interval IrG Winding 2 Avg	33656	Register	No	No	No	No	No	No	No	No	No	No
Interval IrG Winding 2 Max	33658	Register	No	No	No	No	No	No	No	No	No	No
Interval IrG Winding 2 Min	33660	Register	No	No	No	No	No	No	No	No	No	No
Signal - Communication Active	9100	Discrete	No	No	No	No	No	No	No	No	No	No
Year	35001	Register	No	No	No	No	No	No	No	No	No	No
Month	35002	Register	No	No	No	No	No	No	No	No	No	No
Day	35003	Register	No	No	No	No	No	No	No	No	No	No
Hour	35004	Register	No	No	No	No	No	No	No	No	No	No
Minute	35005	Register	No	No	No	No	No	No	No	No	No	No
Milliseconds	35006	Register	No	No	No	No	No	No	No	No	No	No
Motor Power	35007	Register	No	No	No	No	No	No	No	No	No	No
Motor Run Time	35009	Register	No	No	No	No	No	No	No	No	No	No
Trip Reason	35010	Register	No	No	No	No	No	No	No	No	No	No
Over Load Status	35011	Register	No	No	No	No	No	No	No	No	No	No
Start Count	35012	Register	No	No	No	No	No	No	No	No	No	No
Motor Fault - Time To Restart	35013	Register	No	No	No	No	No	No	No	No	No	No
Supply Fault - Time To Restart	35014	Register	No	No	No	No	No	No	No	No	No	No
Load Fault - Time To Restart	35015	Register	No	No	No	No	No	No	No	No	No	No
Reclose Block	35016	Register	No	No	No	No	No	No	No	No	No	No
Breaker Anti-Pumping	35017	Register	No	No	No	No	No	No	No	No	No	No
Number of Thermal Trips	35018	Register	No	No	No	No	No	No	No	No	No	No
Number of VAR Trips	35019	Register	No	No	No	No	No	No	No	No	No	No
TripCMD Counter Bkr Wear1	35020	Register	No	No	No	No	No	No	No	No	No	No
TripCMD Counter Bkr Wear2	35021	Register	No	No	No	No	No	No	No	No	No	No
Thermal Capacity Used	35022	Register	No	No	No	No	No	No	No	No	No	No
Thermal Capacity Average	35024	Register	No	No	No	No	No	No	No	No	No	No
Thermal Capacity Max	35026	Register	No	No	No	No	No	No	No	No	No	No
Thermal Capacity Min	35028	Register	No	No	No	No	No	No	No	No	No	No
Remaining time until thermal overload trip	35030	Register	No	No	No	No	No	No	No	No	No	No
Edges	35032	Register	No	No	No	No	No	No	No	No	No	No
Number of Frame Errors	35034	Register	No	No	No	No	No	No	No	No	No	No
Number of Valid Frames	35036	Register	No	No	No	No	No	No	No	No	No	No
developer	35038	Register	No	No	No	No	No	No	No	No	No	No
Motor FLA Rated Current	35040	Register	No	No	No	No	No	No	No	No	No	No
Tripped in Maintenance Mode	35042	Register	No	No	No	No	No	No	No	No	No	No
Motor Error	35043	Register	No	No	No	No	No	No	No	No	No	No
Motor Disabled	35044	Register	No	No	No	No	No	No	No	No	No	No
Spring Release Coil Error	35045	Register	No	No	No	No	No	No	No	No	No	No
Trip Actuator (TAD) Error	35046	Register	No	No	No	No	No	No	No	No	No	No
Maintenance Mode Enabled	35047	Register	No	No	No	No	No	No	No	No	No	No
Power Off	35048	Register	No	No	No	No	No	No	No	No	No	No
Start Motor Command	35049	Register	No	No	No	No	No	No	No	No	No	No
Motor being forced to start	35050	Register	No	No	No	No	No	No	No	No	No	No
Cold Start Sequence	35051	Register	No	No	No	No	No	No	No	No	No	No
Motor Starting	35052	Register	No	No	No	No	No	No	No	No	No	No
Motor Running	35053	Register	No	No	No	No	No	No	No	No	No	No
Motor Stopped	35054	Register	No	No	No	No	No	No	No	No	No	No
Number of cold starts available	35055	Register	No	No	No	No	No	No	No	No	No	No
Number of starts per hour available	35057	Register	No	No	No	No	No	No	No	No	No	No
Time between starts countdown time remaining	35059	Register	No	No	No	No	No	No	No	No	No	No
Anti-backspin time remaining	35061	Register	No	No	No	No	No	No	No	No	No	No
Highest current in run mode	35063	Register	No	No	No	No	No	No	No	No	No	No
Highest current in start mode	35065	Register	No	No	No	No	No	No	No	No	No	No
Total number of starts of the motor counter	35067	Register	No	No	No	No	No	No	No	No	No	No
Total run time of the motor	35069	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Emergency over rides counter	35071	Register	No	No	No	No	No	No	No	No	No	No
Incomplete sequence trips counter	35073	Register	No	No	No	No	No	No	No	No	No	No
Transition trips counter	35075	Register	No	No	No	No	No	No	No	No	No	No
Zero Speed Sequence Trips counter	35077	Register	No	No	No	No	No	No	No	No	No	No
Phase Reversal Trips counter	35079	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Alarms counter	35606	Register	No	No	No	No	No	No	No	No	No	No
Auxiliary Trips counter	35608	Register	No	No	No	No	No	No	No	No	No	No
URTD Channel Failures counter	35610	Register	No	No	No	No	No	No	No	No	No	No
Load Bearing Alarms counter	35612	Register	No	No	No	No	No	No	No	No	No	No
Load Bearing Trips counter	35614	Register	No	No	No	No	No	No	No	No	No	No
Motor Bearing Alarms counter	35616	Register	No	No	No	No	No	No	No	No	No	No
Motor Bearing Trips counter	35618	Register	No	No	No	No	No	No	No	No	No	No
Winding Alarms counter	35620	Register	No	No	No	No	No	No	No	No	No	No
Winding Trips counter	35622	Register	No	No	No	No	No	No	No	No	No	No
Starts per Hour Blocks counter	35624	Register	No	No	No	No	No	No	No	No	No	No
Time Between Start Blocks counter	35626	Register	No	No	No	No	No	No	No	No	No	No
Load Shedding Pickup	35500	Register	No	No	No	No	No	No	No	No	No	No
Load Shedding Trip	35501	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 0	45000	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 1	45002	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 2	45004	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 3	45006	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 4	45008	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 5	45010	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 6	45012	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 7	45014	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 8	45016	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 9	45018	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 10	45020	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 11	45022	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 12	45024	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 13	45026	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 14	45028	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 15	45030	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 16	45032	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 17	45034	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 18	45036	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 19	45038	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 20	45040	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 21	45042	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 22	45044	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 23	45046	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 24	45048	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 25	45050	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 26	45052	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 27	45054	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 28	45056	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 29	45058	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 30	45060	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 31	45062	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 32	45064	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 33	45066	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 34	45068	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 35	45070	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 36	45072	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 37	45074	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 38	45076	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 39	45078	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 40	45080	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 41	45082	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 42	45084	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 43	45086	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 44	45088	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 45	45090	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 46	45092	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 47	45094	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 48	45096	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 49	45098	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 50	45100	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 51	45102	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 52	45104	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 53	45106	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 54	45108	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 55	45110	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 56	45112	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 57	45114	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 58	45116	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 59	45118	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 60	45120	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 61	45122	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 62	45124	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 63	45126	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 64	45128	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 65	45130	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 66	45132	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 67	45134	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 68	45136	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 0

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Custom Parameter 69	45138	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 70	45140	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 71	45142	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 72	45144	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 73	45146	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 74	45148	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 75	45150	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 76	45152	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 77	45154	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 78	45156	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 79	45158	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 80	45160	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 81	45162	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 82	45164	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 83	45166	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 84	45168	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 85	45170	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 86	45172	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 87	45174	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 88	45176	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 89	45178	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 90	45180	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 91	45182	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 92	45184	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 93	45186	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 94	45188	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 95	45190	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 96	45192	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 97	45194	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 98	45196	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 99	45198	Register	No	No	No	No	No	No	No	No	No	No
Custom Parameter 100	45200	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 1	46000	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 2	46013	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 3	46026	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 4	46039	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 5	46052	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 6	46065	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 7	46078	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 8	46091	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 9	46104	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 10	46117	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 11	46130	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 12	46143	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 13	46156	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 14	46169	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 15	46182	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 16	46195	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 17	46208	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 18	46221	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 19	46234	Register	No	No	No	No	No	No	No	No	No	No
Event List Item 20	46247	Register	No	No	No	No	No	No	No	No	No	No

Modbus UID 244

Technical Data

Modbus UID 244

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
linA	256	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
linB	257	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
linC	258	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
lbyypassA	262	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
lbyypassB	263	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
lbyypassC	264	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
loutA	265	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
loutB	266	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
loutC	267	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Battery Current	270	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Watts Rating	273	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vab Input	277	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbc Input	278	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vca Input	279	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Van Bypass	286	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vbn Bypass	287	Register	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vcn Bypass	288	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Vab Bypass	289	Register	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vbc Bypass	290	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Vca Bypass	291	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Van Output	292	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbn Output	293	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vcn Output	294	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vab Output	295	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbc Output	296	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vca Output	297	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Battery Voltage	301	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Watts Out	310	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VA Out	311	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Percent Full Load	313	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output PF	317	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Frequency	318	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bypass Frequency	320	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Output Frequency	321	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Time Remaining	329	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Capacity Remaining	331	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Van Input	336	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbn Input	337	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vcn Input	338	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vendor Name	416	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Model Name	432	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Serial Number	440	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Part Number	448	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reference Number	456	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output VA Rating	521	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nominal Input Voltage	531	Register	No	Yes	Yes	Yes	Yes	No	No	No	No	No
System Output On	1024	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inverter Output On	1025	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System Alarm Active	1026	Discrete	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Configuration Error	1027	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UPS On Battery	1028	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shutdown Imminent	1030	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System On Bypass	1031	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Internal Communication Failure	1033	Discrete	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Output Overload	1034	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote Emergency Power Off	1035	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Test Failed	1037	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Fan	1038	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High Efficiency/ESS	1047	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Energized	1056	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Battery Switchgear	1067	Discrete	No	No	No	No	No	No	No	No	No	No
Battery Breaker	1071	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Site Wiring Fault	1090	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Utility Input Breaker	1091	Discrete	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Utility Out Of Limits	1096	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Fuse	1097	Discrete	No	Yes	Yes	Yes	Yes	No	No	No	No	No

Modbus UID 244

Display Name	0-based Addr	Type	9155		93PM	93PM	93PM G2	BladeUPS	9155		9395	9395P
			15kW	93E 30kW	50kW	60kW	200kW		30kW	9355		
Charger Over Temperature	1098	Discrete	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Input Under Or Over Frequency	1099	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System Not Redundant	1111	Discrete	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
System On Maintenance Bypass	1121	Discrete	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
Bypass Utility Present	1127	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bypass Under Or Over Frequency	1129	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Bypass Breaker-Contactor	1134	Discrete	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Check Static Switch	1136	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Static Switch Over Temperature	1145	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Check Charger	1168	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Charger On	1169	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Inverter	1217	Discrete	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Inverter Over Temperature Trip	1219	Discrete	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Inverter Output Over Current	1220	Discrete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inverter Over Temperature	1226	Discrete	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Output Short Circuit	1265	Discrete	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Modbus UID 245

Technical Data

Modbus UID 245

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
UPS On Battery	0	Discrete	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High Efficiency/ESS	3	Discrete	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System On Bypass	9	Discrete	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
System Normal	10	Discrete	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Vab Output	0	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbc Output	1	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vca Output	2	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vab Input	3	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbc Input	4	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vca Input	5	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Vab Bypass	9	Register	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vbc Bypass	10	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Vca Bypass	11	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
System Output On	15	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
linA	18	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
linB	19	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
linC	20	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Watts Out	21	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Watts In	22	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
VA Out	23	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
VA In	24	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Output PF	25	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input PF	26	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Output Frequency	27	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Frequency	28	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bypass Frequency	30	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Battery Current	32	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Voltage	33	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Capacity Remaining	34	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Time Remaining	35	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Van Bypass	53	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vbn Bypass	54	Register	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Vcn Bypass	55	Register	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Van Input	56	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbn Input	57	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vcn Input	58	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Ambient Temperature	62	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IoutA	65	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IoutB	66	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IoutC	67	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Van Output	78	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vbn Output	79	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vcn Output	80	Register	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
IoutN	81	Register	No	No	Yes	Yes	No	No	No	No	Yes	Yes
Inverter AC Over Voltage	143	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Inverter AC Under Voltage	144	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Inverter Under Or Over Frequency	145	Register	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Bypass AC Over Voltage	146	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Bypass AC Under Voltage	147	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Bypass Under Or Over Frequency	148	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Input AC Over Voltage	149	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input AC Under Voltage	150	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Under Or Over Frequency	151	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output AC Over Voltage	152	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Output AC Under Voltage	153	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Under Or Over Frequency	154	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Remote Emergency Power Off	155	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Building Alarm 6	157	Register	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 5	158	Register	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 4	159	Register	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 3	160	Register	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 2	161	Register	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Building Alarm 1	162	Register	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Static Switch Over Temperature	163	Register	No	No	No	No	No	No	No	No	No	Yes
Charger Over Temperature	164	Register	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Charger Tripped	165	Register	No	No	No	No	No	No	No	No	Yes	Yes
Charger Over Voltage Or Current	166	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes

Modbus UID 245

Display Name	0-based Addr	Type	9155 15kW	93E 30kW	93PM 50kW	93PM 60kW	93PM G2 200kW	BladeUPS	9155 30kW	9355	9395	9395P
Inverter Over Temperature	167	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Output Overload	168	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rectifier Input Over Current	169	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter Output Over Current	170	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
DC Link Over Voltage	171	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DC Link Under Voltage	172	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Rectifier	173	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Inverter	174	Register	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Check Battery Switchgear	175	Register	Yes	No	No	No	No	No	No	No	Yes	Yes
Check Bypass Switchgear	176	Register	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Check Charger	177	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Ramp Up Failed	178	Register	No	No	No	No	No	No	No	No	No	No
Check Static Switch	179	Register	No	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Bypass Uncalibrated	181	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Input Uncalibrated	182	Register	No	No	No	No	No	No	No	No	Yes	Yes
Output Uncalibrated	183	Register	Yes	No	No	No	No	No	No	No	Yes	Yes
Inverter Uncalibrated	184	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
DC Voltage Uncalibrated	185	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Output Current Uncalibrated	186	Register	No	No	No	No	No	No	No	No	Yes	Yes
Rectifier Current Uncalibrated	187	Register	No	No	No	No	No	No	No	No	Yes	Yes
Battery Current Uncalibrated	188	Register	No	No	No	No	No	No	No	No	Yes	Yes
Inverter On Off Stat Failure	189	Register	No	No	No	No	No	No	No	No	No	No
Battery Current Limit	190	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter Startup Failure	191	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Check Battery Ground	194	Register	No	No	No	No	No	No	No	No	Yes	Yes
Non-Volatile Memory Failure	196	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Shutdown Imminent	198	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Voltage Low	199	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Utility Out Of Limits	200	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Output Short Circuit	201	Register	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Utility Not Present	202	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AD Error	205	Register	No	No	No	No	No	No	No	No	No	No
Internal Communication Failure	206	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Rectifier Failed Self-Test	207	Register	No	No	No	No	No	No	No	No	Yes	Yes
Input Line Voltage Loss	210	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Voltage High	211	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Supply Over Temperature	212	Register	No	No	No	No	No	No	No	No	No	No
Check Power Supply	213	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Logic Power Supply	214	Register	No	No	No	No	No	No	No	No	No	No
Check Secondary Power Supply	215	Register	No	No	No	No	No	No	No	No	No	No
Heatsink Over Temperature	216	Register	No	No	No	No	No	No	No	Yes	Yes	Yes
Check Heatsink Temperature Sensor	217	Register	No	No	No	No	No	No	No	No	No	No
Rectifier Current Over 125 Percent	218	Register	Yes	No	No	No	No	No	No	No	Yes	Yes
Rectifier Tripped	219	Register	No	No	No	No	No	No	No	No	Yes	Yes
Program Stack Error	221	Register	No	No	No	No	No	No	No	No	No	No
Inverter Control Board Failed Self-Test	222	Register	No	No	No	No	No	No	No	No	Yes	Yes
Inverter AD Converter Self-Test Failed	223	Register	No	No	No	No	No	No	No	No	No	No
RAM Device Self-Test Failure	224	Register	No	No	No	No	No	No	No	No	No	No
Inverter CPU Self-Test Failed	227	Register	No	No	No	No	No	No	No	No	No	No
Front Panel Self-Test Failure	229	Register	No	No	No	No	No	No	No	No	No	No
Output DC Over Voltage	232	Register	No	No	No	No	No	No	No	No	Yes	Yes
Input Phase Rotation Error	233	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Inverter Ramp Up Test Failed	234	Register	No	No	No	No	No	No	No	No	No	No
Phase A Inverter Current Limit	245	Register	Yes	No	No	No	No	No	No	No	Yes	Yes
Phase B Inverter Current Limit	246	Register	No	No	No	No	No	No	No	No	Yes	Yes
Phase C Inverter Current Limit	247	Register	No	No	No	No	No	No	No	No	Yes	Yes
Indicator - Bypass Not Available	248	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rectifier Output On	249	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Breaker	250	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Inverter Output Breaker-Contactor	251	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
Bypass Breaker-Contactor	252	Register	No	No	Yes	Yes	No	No	No	No	No	No
Inverter Over Temperature Trip	254	Register	No	No	No	No	No	No	Yes	Yes	Yes	Yes
DCUV While Charger Is Full On	259	Register	No	No	No	No	No	No	No	No	No	No
Inverter Voltage Bias Error	260	Register	No	No	No	No	No	No	No	No	No	No
Multi Phase Rotation	261	Register	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Bypass Phase Rotation	262	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Check System Interface Board	263	Register	No	No	No	No	No	No	No	No	No	No
Check Parallel Board	264	Register	No	No	No	No	No	No	No	No	No	No
Phase A Loss Of Load Sharing	265	Register	No	No	No	No	No	No	No	No	No	No
Phase B Loss Of Load Sharing	266	Register	No	No	No	No	No	No	No	No	No	No
Phase C Loss Of Load Sharing	267	Register	No	No	No	No	No	No	No	No	No	No
Battery Totally Discharged	269	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Inverter Phase Bias Error	270	Register	No	No	No	No	No	No	No	No	No	No
Inverter DC Bias Error	271	Register	No	No	No	No	No	No	No	No	No	No
Large Charger Input Current	273	Register	No	No	No	No	No	No	No	No	Yes	Yes

Modbus UID 245

Display Name	0-based Addr	Type	9155	93E	93PM	93PM	93PM G2	BladeUPS	9155	9355	9395	9395P
			15kW	30kW	50kW	60kW	200kW		30kW			
Inverter Voltage Too Low For Ramp Level	274	Register	No	No	No	No	No	No	No	No	No	No
System Not Redundant	275	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Loss Of Sync Bus	276	Register	No	No	No	No	No	No	No	No	No	No
Rectifier Switchgear Shunt Tripped	277	Register	No	No	No	No	No	No	No	No	No	No
Loss Of Charger Sync	278	Register	No	No	No	No	No	No	No	No	Yes	Yes
Inverter Low Level Test Timeout	279	Register	No	No	No	No	No	No	No	No	No	No
Output Switchgear Open	280	Register	No	No	No	No	No	No	No	No	No	Yes
Inverter Output On	282	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Charger On	283	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bypass Power Loss	285	Register	No	No	No	No	No	No	No	No	Yes	Yes
Check Battery	292	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Output Switchgear	300	Register	No	No	No	No	No	No	No	No	Yes	Yes
Phase A Overload	302	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase B Overload	303	Register	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase C Overload	304	Register	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
Phase A Overload (High Level/Level 2)	305	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase B Overload (High Level/Level 2)	306	Register	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase C Overload (High Level/Level 2)	307	Register	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
Phase A Overload (Extreme Level/Level 3)	308	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase B Overload (Extreme Level/Level 3)	309	Register	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Phase C Overload (Extreme Level/Level 3)	310	Register	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes
Check Inverter Temperature Sensor	320	Register	No	No	No	No	No	No	No	No	Yes	Yes
Close Bypass Switchgear	328	Register	No	No	No	No	No	No	No	No	Yes	Yes
Check Bypass	331	Register	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Battery Test Failed	334	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Fuse	335	Register	No	No	No	No	No	No	No	No	No	No
Check Fan	336	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Site Wiring Fault	337	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Check Backfeed Switchgear	338	Register	No	No	No	No	No	No	No	No	No	No
Battery Disconnected	342	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
UPS Cabinet Over Temperature	343	Register	No	No	No	No	No	No	No	No	No	No
Transformer Over Temperature	344	Register	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Ambient Under Temperature	345	Register	Yes	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Ambient Over Temperature	346	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cabinet Door Open	347	Register	No	No	No	No	No	No	No	No	No	No
Cabinet Door Open With Voltage Present	348	Register	No	No	No	No	No	No	No	No	No	No
Automatic Shutdown Pending	349	Register	No	No	No	No	No	No	No	No	No	No
Unable To Charge Battery	351	Register	Yes	No	No	No	No	No	No	No	Yes	Yes
Startup Failed - Check EPO Reset	352	Register	No	No	No	No	No	No	No	No	No	No
Automatic Startup Pending	353	Register	No	No	No	No	No	No	No	No	No	No
Check Modem	354	Register	No	No	No	No	No	No	No	No	No	No
Check Input Switchgear	360	Register	No	No	No	No	No	No	No	No	Yes	Yes
Autocalibration Failed	362	Register	No	No	No	No	No	No	No	No	No	No
Selective Trip Of Module	363	Register	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Inverter Output Failure	364	Register	No	No	No	No	No	No	No	No	No	No
Abnormal Output Voltage At Startup	365	Register	No	No	No	No	No	No	No	No	No	No
Rectifier Over Temperature	366	Register	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes
Configuration Error	367	Register	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Redundancy Loss Due To Overload	368	Register	No	No	No	No	No	No	No	No	No	No
System Notice Active	371	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
System Alarm Active	372	Register	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes
Current Balance Failure	374	Register	No	No	No	No	No	No	No	No	No	No
Inverter Phase Rotation	381	Register	No	No	No	No	No	No	No	No	Yes	Yes
Neutral Current Limit	389	Register	No	No	No	No	No	No	No	No	Yes	Yes
Close Battery Switchgear	390	Register	No	No	No	No	No	No	No	No	Yes	Yes
UPS On Generator	391	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
Rectifier Over Temperature Trip	392	Register	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Phase A Rectifier Current Limit	402	Register	No	No	No	No	No	No	No	No	Yes	Yes
Phase B Rectifier Current Limit	403	Register	No	No	No	No	No	No	No	No	Yes	Yes
Phase C Rectifier Current Limit	404	Register	No	No	No	No	No	No	No	No	Yes	Yes
Ground Fault Alarm	508	Register	No	No	No	No	No	No	No	No	Yes	Yes
Call User	526	Register	No	No	No	No	No	Yes	No	No	Yes	Yes
Major Alarm	527	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Schedule Service	528	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Service Required	529	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes
Battery Voltage Extremely Low	530	Register	No	No	Yes	Yes	No	Yes	No	No	Yes	Yes