

Power Xpert Gateway UPS X-Slot Card (PXGXUPS) to Gigabit Industrial Gateway X2 Card (INDGW-X2) Modus map comparison

BladeUPS UID 0					
Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 Supported	Type
Inverter AC Under Voltage	Inverter AC Under Voltage	1001	1002	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	1006	1007	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	1007	1008	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	1008	1009	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	1010	1011	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	1012	1013	Yes	Discrete
Output Overload	Output Overload	1025	1026	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	1026	1027	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	1027	1028	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	1028	1029	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	1029	1030	Yes	Discrete
Check Rectifier	Check Rectifier	1030	1031	Yes	Discrete
Vendor Name	Vendor Name	1032	1033	No	Discrete
Check Static Switch	Check Static Switch	1036	1037	Yes	Discrete
Bypass Uncalibrated		1038	1039	No	Discrete
Inverter Uncalibrated		1041	1042	No	Discrete
DC Voltage Uncalibrated		1042	1043	No	Discrete
Battery Current Limit	Battery Current Limit	1047	1048	Yes	Discrete
Inverter Startup Failure		1048	1049	No	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	1053	1054	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	1055	1056	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	1056	1057	No	Discrete
Utility Out Of Limits	Utility Out Of Limits	1057	1058	Yes	Discrete
Output Short Circuit	Output Short Circuit	1058	1059	Yes	Discrete
Utility Not Present	Utility Not Present	1059	1060	Yes	Discrete
Model Name	Model Name	1064	1065	Yes	Register
Battery Voltage High	Battery Voltage High	1067	1068	Yes	Discrete
Check Power Supply	Check Power Supply	1069	1070	Yes	Discrete
Check Logic Power Supply		1070	1071	No	Discrete
Check Secondary Power Supply		1071	1072	No	Discrete
Check Heatsink Temperature Sensor		1073	1074	No	Discrete
To Bypass Command		1092	1093	No	Discrete
Display Name	Display Name	1096	1097	No	Register
Bypass Source Out Of Tolerance	Bypass Source Out Of Tolerance	1101	1102	Yes	Discrete
Battery Switchgear CB2 Open	Battery Switchgear CB2 Open	1103	1104	Yes	Discrete
Bypass Switchgear CB4 Open	Bypass Switchgear CB4 Open	1105	1106	Yes	Discrete
Multi Phase Rotation	Multi Phase Rotation	1114	1115	Yes	Discrete
Check Parallel Board	Check Parallel Board	1117	1118	Yes	Discrete
System Not Redundant	System Not Redundant	1127	1128	Yes	Discrete
Device Type	Device Type	1128	1129	No	Register



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PXGXUPS will be end of life December 31st 2021 and will be replaced by the INDGW-X2

PXGMSUPS will be end of life March 31st 2021 and will be replaced by the INDGW-M2

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Maintenance Bypass Mode	Maintenance Bypass Mode	1134	1135	Yes	Discrete
CPU ISR Error		1135	1136	No	Discrete
Check Battery	Check Battery	1137	1138	Yes	Discrete
Phase A Overload	Phase A Overload	1139	1140	Yes	Discrete
Phase B Overload	Phase B Overload	1140	1141	Yes	Discrete
Phase C Overload	Phase C Overload	1141	1142	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	1142	1143	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	1143	1144	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	1144	1145	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	1145	1146	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	1146	1147	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	1147	1148	Yes	Discrete
UPS On Battery	UPS On Battery	1148	1149	Yes	Discrete
UPS On Bypass	UPS On Bypass	1149	1150	Yes	Discrete
Low Battery Shutdown		1151	1152	No	Discrete
Software Incompatibility Detected	Software Incompatibility Detected	1152	1153	Yes	Discrete
Battery Test Failed	Battery Test Failed	1157	1158	Yes	Discrete
Check Fuse	Check Fuse	1158	1159	Yes	Discrete
Check Fan	Check Fan	1159	1160	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	1160	1161	Yes	Discrete
System Topology	System Topology	1160	1161	Yes	Register
Battery Disconnected	Battery Disconnected	1162	1163	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	1165	1166	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	1166	1167	Yes	Discrete
Automatic Shutdown Pending	Automatic Shutdown Pending	1169	1170	Yes	Discrete
Check Modem		1174	1175	No	Discrete
Modem Call Completion Failed	Modem Call Completion Failed	1175	1176	Yes	Discrete
Autocalibration Failed		1177	1178	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	1178	1179	Yes	Discrete
Inverter Output Failure	Inverter Output Failure	1179	1180	No	Discrete
Abnormal Output Voltage At Startup		1180	1181	No	Discrete
Configuration Error	Configuration Error	1182	1183	Yes	Discrete
Redundancy Loss Due To Overload		1183	1184	No	Discrete
System Notice Active	System Notice Active	1185	1186	Yes	Discrete
System Alarm Active	System Alarm Active	1186	1187	No	Discrete
Subsystem Alarm Active		1191	1192	No	Discrete
OEM Code	Device ID	1192	1193	No	Register
Invalid Board ID		1195	1196	No	Discrete
Check Precharge		1198	1199	No	Discrete
UPS On Generator	UPS On Generator	1201	1202	Yes	Discrete
Device GUID	Device GUID	1256	1257	No	Register
Serial Number	Serial Number	1276	1277	Yes	Register
Check Device Clock Synchronization Every		1347	1348	No	Register
Nominal Input Voltage	Nominal Input Voltage	1357	1358	Yes	Register
Nominal Output Voltage	Nominal Output Voltage	1359	1360	Yes	Register
Number of Phases	Number of Phases	1361	1362	Yes	Register
Parallel System	Parallel System	1362	1363	Yes	Register
Individual Load Segments	Individual Load Segments	1363	1364	Yes	Register
Topology Index		1364	1365	No	Register
Asset Identification Tag	Asset Identification Tag	1477	1478	No	Register
Battery Last Replaced Date	Battery Last Replaced Date	1620	1621	No	Register
Date Last Serviced		1636	1637	No	Register
Installation Date		1652	1653	No	Register
Nominal Input Frequency	Nominal Input Frequency	1669	1670	Yes	Register
Nominal Output Frequency	Nominal Output Frequency	1670	1671	Yes	Register
Low Voltage Transfer Point	Low Voltage Transfer Point	1671	1672	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Boost Step-Up Point	Boost Step-Up Point	1672	1673	Yes	Register
Buck Reducer Point	Buck Reducer Point	1673	1674	Yes	Register
High Voltage Transfer Point	High Voltage Transfer Point	1674	1675	Yes	Register
Low Runtime Alarm Setpoint	Low Runtime Alarm Setpoint	1675	1676	Yes	Register
Device Number	Device Number	1807	1808	Yes	Register
Input Phases	Number of input Phases	1808	1809	Yes	Register
Output Phases	Number of output Phases	1809	1810	Yes	Register
Output Current Rating	Output Current Rating	1810	1811	No	Register
System Type	System Type	1811	1812	Yes	Register
Bypass Installed	Bypass Installed	1812	1813	Yes	Register
Battery Installed	Battery Installed	1814	1815	No	Register
Distributed Parallel	Distributed Parallel	1815	1816	Yes	Register
Connected to SBM		1816	1817	No	Register
Number of Sub Devices		1817	1818	No	Register
Part Number	Part Number	2076	2077	Yes	Register
Software Version	Software Version	2108	2109	Yes	Register
Battery Test Result	Battery Test Result	2801	2802	Yes	Register
System Test Result		2803	2804	No	Register
System Status	System Status	3000	3001	No	Register
Call User		3002	3003	No	Discrete
Output State	Output State	3002	3003	Yes	Register
Major Alarm	Major Alarm	3003	3004	No	Discrete
Power Strategy	Power Strategy	3003	3004	Yes	Register
Redundant State	Redundant State	3004	3005	Yes	Register
Schedule Service	Schedule Service	3004	3005	Yes	Discrete
Horn Status	Horn Status	3005	3006	Yes	Register
Service Required	Service Required	3005	3006	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	3006	3007	Yes	Discrete
Charger Off Command		3038	3039	No	Register
ABM Status	ABM Status	3145	3146	Yes	Register
Output Current Available	Output Current Available	3149	3150	Yes	Register
Output VA Available	Output VA Available	3151	3152	Yes	Register
Output Watts Available	Output Watts Available	3153	3154	Yes	Register
Vab Input	Vab Input	4028	4029	Yes	Register
Vbc Input	Vbc Input	4030	4031	Yes	Register
Vca Input	Vca Input	4032	4033	Yes	Register
Vab Output	Vab Output	4034	4035	Yes	Register
Vbc Output	Vbc Output	4036	4037	Yes	Register
Vca Output	Vca Output	4038	4039	Yes	Register
Van Input	Van Input	4040	4041	Yes	Register
Vbn Input	Vbn Input	4042	4043	Yes	Register
Vcn Input	Vcn Input	4044	4045	Yes	Register
Van Output	Van Output	4046	4047	Yes	Register
Vbn Output	Vbn Output	4048	4049	Yes	Register
Vcn Output	Vcn Output	4050	4051	Yes	Register
Vab Inverter	Vab Inverter	4064	4065	No	Register
Vbc Inverter	Vbc Inverter	4066	4067	No	Register
Vca Inverter	Vca Inverter	4068	4069	No	Register
Van Inverter	Van Inverter	4070	4071	No	Register
Vbn Inverter	Vbn Inverter	4072	4073	No	Register
Vcn Inverter	Vcn Inverter	4074	4075	No	Register
Battery Voltage	Battery Voltage	4377	4378	Yes	Register
Low Battery Shutdown Voltage		4379	4380	No	Register
Link Voltage	Link Voltage	4385	4386	Yes	Register
Negative Link Voltage	Negative Link Voltage	4387	4388	Yes	Register
linA	linA	5022	5023	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
linB	linB	5024	5025	Yes	Register
linC	linC	5026	5027	Yes	Register
loutA	loutA	5028	5029	Yes	Register
loutB	loutB	5030	5031	Yes	Register
loutC	loutC	5032	5033	Yes	Register
Battery Current	Battery Current	5190	5191	Yes	Register
Watts Out Phase A	Watts Out Phase A	6016	6017	Yes	Register
Watts Out Phase B	Watts Out Phase B	6018	6019	Yes	Register
Watts Out Phase C	Watts Out Phase C	6020	6021	Yes	Register
Watts Out	Watts Out	6024	6025	Yes	Register
VA Out	VA Out	6088	6089	Yes	Register
Percent Full Load	Percent Full Load	6184	6185	Yes	Register
Output PF	Output PF	6202	6203	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	7000	7001	No	Register
Output KW Hours	Output KW Hours	7002	7003	No	Register
Output Demand KW	Output Demand KW	7873	7874	No	Register
Output Frequency	Output Frequency	11002	11003	Yes	Register
Input Frequency	Input Frequency	11004	11005	Yes	Register
Inverter Frequency	Inverter Frequency	11006	11007	Yes	Register
Ambient Temperature	Ambient Temperature	12000	12001	Yes	Register
Battery Time Remaining	Battery Time Remaining	12206	12207	No	Register
Shutdown Timer	Shutdown Timer	12218	12219	Yes	Register
Startup Timer	Startup Timer	12220	12221	Yes	Register
Line Event Counter		12400	12401	No	Register
Redundancy Level	RedundancyLevel	12625	12626	Yes	Register
Shutdown Imminent Time	Shutdown Imminent Time	12626	12627	Yes	Register
Bypass In Limits	Bypass In Limits	12627	12628	Yes	Register
Input In Limits	Input In Limits	12629	12630	Yes	Register
Output In Limits	Output In Limits	12630	12631	Yes	Register
MBS	MBS	12638	12639	Yes	Register
Indicator - Normal	Indicator - Normal	12647	12648	Yes	Register
Indicator - Battery	Indicator - Battery	12648	12649	Yes	Register
Indicator - Bypass	Indicator - Bypass	12649	12650	Yes	Register
Indicator - Alarm	Indicator - Alarm	12650	12651	No	Register
System On Bypass	System On Bypass	12663	12664	Yes	Register
System On Maintenance Bypass	System On Maintenance Bypass	12664	12665	Yes	Register
System Output On	System Output On	12665	12666	Yes	Register
Battery Energized	Battery Energized	12666	12667	Yes	Register
Utility Present	Utility Present	12667	12668	No	Register
Rectifier Output On	Rectifier Output On	12668	12669	Yes	Register
Inverter Output On	Inverter Output On	12669	12670	Yes	Register
Charger On	Charger On	12670	12671	Yes	Register
Batteries Depleted	Batteries Depleted	12671	12672	Yes	Register
Utility Input Breaker	Utility Input Breaker	12672	12673	Yes	Register
Bypass Breaker-Contactor	Bypass Breaker-Contactor	12673	12674	Yes	Register
Static Switch	Static Switch	12674	12675	Yes	Register
Battery Breaker	Battery Breaker	12675	12676	Yes	Register
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	12676	12677	Yes	Register
System Normal	System Normal	12680	12681	Yes	Register
Indicator - Bypass Not Available	Indicator - Bypass Not Available	12683	12684	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	12698	12699	Yes	Register
Bypass Available	Bypass Available	12699	12700	Yes	Register
Bypass Present/Installed	Bypass Present/Installed	17010	17011	Yes	Register
System Not On Maintenance Bypass	System Not On Maintenance Bypass	17011	17012	Yes	Register
Bypass Utility Present	Bypass Utility Present	17012	17013	Yes	Register
Attached Devices		18000	18001	No	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Output VA Rating	Output VA Rating	18118	18119	Yes	Register
Output Watts Rating	Output Watts Rating	18120	18121	Yes	Register
Reference Number	Reference Number	18422	18423	Yes	Register
Utility Transfer Delay	Utility Transfer Delay	18488	18489	Yes	Register
Min Battery Capacity for Restart	Min Battery Capacity for restart	18489	18490	Yes	Register
Max Load for Sleep	Max Load for Sleep	18490	18491	Yes	Register
Onset Delay for Sleep	Onset Delay for Sleep	18491	18492	Yes	Register
Frequency Deviation Limit	Frequency Deviation Limit	18503	18504	No	Register
Phase Deviation Limit	Phase Deviation Limit	18505	18506	No	Register
Upper Ambient Temp Alarm	Upper Ambient Temp Alarm	18509	18510	Yes	Register
Switchable Status	Switchable Status	18511	18512	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 Supported	Type
linA	Current phase 1 Mains 1	256	257	Yes	Register
linB	Current phase 2 Mains 1	257	258	Yes	Register
linC	Current phase 3 Mains 1	258	259	Yes	Register
loutA	Current phase 1 output	265	266	Yes	Register
loutB	Current phase 2 output	266	267	Yes	Register
loutC	Current phase 3 output	267	268	Yes	Register
Battery Current	Battery Current	270	271	Yes	Register
Output Watts Rating	Nominal active power	273	274	Yes	Register
Vab Input	U12 Mains 1	277	278	Yes	Register
Vbc Input	U23 Mains 1	278	279	Yes	Register
Vca Input	U31 Mains 1	279	280	Yes	Register
Van Output	Output voltage 1N	292	293	Yes	Register
Vbn Output	Output voltage 2N	293	294	Yes	Register
Vcn Output	Output voltage 3N	294	295	Yes	Register
Vab Output	Output voltage 12	295	296	Yes	Register
Vbc Output	Output voltage 23	296	297	Yes	Register
Vca Output	Output voltage 31	297	298	Yes	Register
Battery Voltage	Battery Voltage	301	302	Yes	Register
Watts Out Phase A	Output active power phase 1	304	305	Yes	Register
Watts Out Phase B	Output active power phase 2	305	306	Yes	Register
Watts Out Phase C	Output active power phase 3	306	307	Yes	Register
Watts Out	Output total active power	310	311	Yes	Register
VA Out	Output total apparent power	311	312	Yes	Register
Percent Full Load	% output load level	313	314	Yes	Register
Output PF	Power factor x 100	317	318	Yes	Register
Input Frequency	Mains 1 frequency	318	319	Yes	Register
Output Frequency	Output frequency	321	322	Yes	Register
Battery Time Remaining	Battery backup time	329	330	Yes	Register
Battery Capacity Remaining	Battery charging level	331	332	Yes	Register
Van Input	Voltage Mains 1 phase 1	336	337	Yes	Register
Vbn Input	Voltage Mains 1 phase 2	337	338	Yes	Register
Vcn Input	Voltage Mains 1 phase 3	338	339	Yes	Register
Vendor Name	Manufacturer Name	416	417	Yes	Register
Model Name	UPS Model	432	433	Yes	Register
Serial Number	Serial Number	440	441	Yes	Register
Part Number	Part Number	448	449	Yes	Register
Reference Number	Reference Number	456	457	Yes	Register
Output VA Rating	Nominal apparent power	521	522	Yes	Register
Nominal Input Voltage	Nominal battery voltage	531	532	No	Register
System Output On	Load protected status	1024	1025	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 Supported	Type
Inverter Output On	UPS coupled	1025	1026	Yes	Discrete
System Alarm Active	Unit general alarm	1026	1027	No	Discrete
Configuration Error	Configuration firmware fault	1027	1028	Yes	Discrete
UPS On Battery	UPS in backup status	1028	1029	Yes	Discrete
Shutdown Imminent	Low battery	1030	1031	No	Discrete
System On Bypass	Operation on static switch	1031	1032	Yes	Discrete
Output Overload	UPS overload	1034	1035	Yes	Discrete
Remote Emergency Power Off	Emergency stop	1035	1036	Yes	Discrete
Battery Test Failed	Battery to be checked	1037	1038	Yes	Discrete
Check Fan	Device ventilation fault	1038	1039	Yes	Discrete
High Efficiency/ESS	Mode ECO = 1	1047	1048	Yes	Discrete
Battery Energized	Battery present	1056	1057	Yes	Discrete
Battery Breaker	Circuit breaker QF1 status	1071	1072	Yes	Discrete
Site Wiring Fault	Wiring fault	1090	1091	Yes	Discrete
Utility Input Breaker	Circuit breaker Q1 status	1091	1092	Yes	Discrete
Utility Out Of Limits	Mains 1 voltage out of tolerance	1096	1097	Yes	Discrete
Check Fuse	Mains 1 fuse fault	1097	1098	No	Discrete
Input Under Or Over Frequency	Mains 1 frequency out of tolerance	1099	1100	Yes	Discrete
System Not Redundant	Redundancy lost	1111	1112	Yes	Discrete
System On Maintenance Bypass	Maintenance position	1121	1122	Yes	Discrete
Bypass Utility Present	Bypass (Mains 2) available	1127	1128	Yes	Discrete
Bypass Breaker-Contactor	Circuit breaker Q4S status	1134	1135	No	Discrete
Check Static Switch	Internal fault	1136	1137	Yes	Discrete
Charger On	Battery charge	1169	1170	Yes	Discrete
Inverter Output Over Current	Inverter current limitation	1220	1221	No	Discrete
Output Short Circuit	Short circuit	1265	1266	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 Supported	Type
UPS On Battery	UPS On Battery	0	1	Yes	Discrete
Vab Output	Vab Output	0	1	Yes	Register
Vbc Output	Vbc Output	1	2	Yes	Register
Vca Output	Vca Output	2	3	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	3	4	Yes	Discrete
Vab Input	Vab Input	3	4	Yes	Register
Vbc Input	Vbc Input	4	5	Yes	Register
Vca Input	Vca Input	5	6	Yes	Register
Vab Inverter		6	7	No	Register
Vbc Inverter		7	8	No	Register
Vca Inverter		8	9	No	Register
System On Bypass	System On Bypass	9	10	Yes	Discrete
System Normal	System Normal	10	11	Yes	Discrete
System Output On	System Output On	15	16	Yes	Discrete
linA	linA	18	19	Yes	Register
linB	linB	19	20	Yes	Register
linC	linC	20	21	Yes	Register
Watts Out	Watts Out	21	22	Yes	Register
VA Out	VA Out	23	24	Yes	Register
Output PF	Output PF	25	26	Yes	Register
Output Frequency	Output Frequency	27	28	Yes	Register
Input Frequency	Input Frequency	28	29	Yes	Register
Inverter Frequency		29	30	No	Register
Battery Current	Battery Current	32	33	Yes	Register
Battery Voltage	Battery Voltage	33	34	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 Supported	Type
Battery Capacity Remaining	Battery Capacity Remaining	34	35	Yes	Register
Battery Time Remaining	Battery Time Remaining	35	36	Yes	Register
Van Input	Van Input	56	57	Yes	Register
Vbn Input	Vbn Input	57	58	Yes	Register
Vcn Input	Vcn Input	58	59	Yes	Register
Van Inverter		59	60	No	Register
Vbn Inverter		60	61	No	Register
Vcn Inverter		61	62	No	Register
Ambient Temperature	Ambient Temperature	62	63	Yes	Register
IoutA	IoutA	65	66	Yes	Register
IoutB	IoutB	66	67	Yes	Register
IoutC	IoutC	67	68	Yes	Register
Link Voltage		74	75	No	Register
Negative Link Voltage		75	76	No	Register
Van Output	Van Output	78	79	Yes	Register
Vbn Output	Vbn Output	79	80	Yes	Register
Vcn Output	Vcn Output	80	81	Yes	Register
Watts Out Phase A		82	83	No	Register
Watts Out Phase B		83	84	No	Register
Watts Out Phase C		84	85	No	Register
Inverter AC Under Voltage	Inverter AC Under Voltage	144	145	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	149	150	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	150	151	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	151	152	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	153	154	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	155	156	Yes	Discrete
Output Overload	Output Overload	168	169	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	169	170	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	170	171	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	171	172	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	172	173	Yes	Discrete
Check Rectifier	Check Rectifier	173	174	Yes	Discrete
Check Static Switch	Check Static Switch	179	180	Yes	Discrete
Bypass Uncalibrated	Bypass Uncalibrated	181	182	Yes	Discrete
Inverter Uncalibrated	Inverter Uncalibrated	184	185	Yes	Discrete
DC Voltage Uncalibrated	DC Voltage Uncalibrated	185	186	Yes	Discrete
Battery Current Limit	Battery Current Limit	190	191	Yes	Discrete
Inverter Startup Failure	Inverter Startup Failure	191	192	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	196	197	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	198	199	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	199	200	No	Discrete
Utility Out Of Limits	Utility Out Of Limits	200	201	Yes	Discrete
Output Short Circuit	Output Short Circuit	201	202	Yes	Discrete
Utility Not Present	Utility Not Present	202	203	Yes	Discrete
Battery Voltage High	Battery Voltage High	211	212	Yes	Discrete
Check Power Supply	Check Power Supply	213	214	Yes	Discrete
Check Logic Power Supply		214	215	No	Discrete
Check Secondary Power Supply		215	216	No	Discrete
Check Heatsink Temperature Sensor		217	218	No	Discrete
To Bypass Command		237	238	No	Discrete
Indicator - Bypass Not Available	Indicator - Bypass Not Available	248	249	Yes	Discrete
Rectifier Output On	Rectifier Output On	249	250	Yes	Discrete
Battery Breaker	Battery Breaker	250	251	Yes	Discrete
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	251	252	Yes	Discrete
Bypass Breaker-Contactor	Bypass Breaker-Contactor	252	253	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 Supported	Type
Multi Phase Rotation	Multi Phase Rotation	261	262	Yes	Discrete
Check Parallel Board		264	265	No	Discrete
System Not Redundant	System Not Redundant	275	276	Yes	Discrete
Inverter Output On	Inverter Output On	282	283	Yes	Discrete
Charger On	Charger On	283	284	Yes	Discrete
CPU ISR Error		289	290	No	Discrete
Check Battery	Check Battery	292	293	Yes	Discrete
Phase A Overload	Phase A Overload	302	303	Yes	Discrete
Phase B Overload	Phase B Overload	303	304	Yes	Discrete
Phase C Overload	Phase C Overload	304	305	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	305	306	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	306	307	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	307	308	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	308	309	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	309	310	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	310	311	Yes	Discrete
Low Battery Shutdown		317	318	No	Discrete
Software Incompatibility Detected		319	320	No	Discrete
Battery Test Failed	Battery Test Failed	334	335	Yes	Discrete
Check Fuse		335	336	No	Discrete
Check Fan	Check Fan	336	337	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	337	338	Yes	Discrete
Battery Disconnected	Battery Disconnected	342	343	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	345	346	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	346	347	Yes	Discrete
Automatic Shutdown Pending		349	350	No	Discrete
Check Modem		354	355	No	Discrete
Modem Call Completion Failed		359	360	No	Discrete
Autocalibration Failed		362	363	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	363	364	Yes	Discrete
Inverter Output Failure		364	365	No	Discrete
Abnormal Output Voltage At Startup		365	366	No	Discrete
Configuration Error	Configuration Error	367	368	Yes	Discrete
Redundancy Loss Due To Overload		368	369	No	Discrete
System Notice Active	System Notice Active	371	372	Yes	Discrete
System Alarm Active	System Alarm Active	372	373	No	Discrete
Subsystem Alarm Active		377	378	No	Discrete
Charger Off Command		379	380	No	Discrete
Invalid Board ID		384	385	No	Discrete
Check Precharge		387	388	No	Discrete
UPS On Generator	UPS On Generator	391	392	Yes	Discrete
Call User	Call User	526	527	Yes	Discrete
Major Alarm	Major Alarm	527	528	No	Discrete
Schedule Service	Schedule Service	528	529	Yes	Discrete
Service Required	Service Required	529	530	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	530	531	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter AC Over Voltage	Inverter AC Over Voltage	1000	1001	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	1001	1002	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	1002	1003	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	1003	1004	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	1004	1005	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	1005	1006	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	1006	1007	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	1007	1008	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	1008	1009	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	1009	1010	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	1010	1011	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	1011	1012	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	1012	1013	Yes	Discrete
Building Alarm 6	Building Alarm 6	1014	1015	Yes	Discrete
Building Alarm 5	Building Alarm 5	1015	1016	Yes	Discrete
Building Alarm 4	Building Alarm 4	1016	1017	Yes	Discrete
Building Alarm 3	Building Alarm 3	1017	1018	Yes	Discrete
Building Alarm 2	Building Alarm 2	1018	1019	Yes	Discrete
Building Alarm 1	Building Alarm 1	1019	1020	Yes	Discrete
Static Switch Over Temperature		1020	1021	No	Discrete
Charger Over Temperature	Charger Over Temperature	1021	1022	Yes	Discrete
Charger Tripped	Charger Tripped	1022	1023	Yes	Discrete
Charger Over Voltage Or Current	Charger Over Voltage Or Current	1023	1024	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	1024	1025	Yes	Discrete
Output Overload	Output Overload	1025	1026	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	1026	1027	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	1027	1028	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	1028	1029	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	1029	1030	Yes	Discrete
Check Rectifier	Check Rectifier	1030	1031	Yes	Discrete
Check Inverter	Check Inverter	1031	1032	Yes	Discrete
Check Battery Switchgear	Check Battery Switchgear	1032	1033	Yes	Discrete
Vendor Name	Vendor Name	1032	1033	No	Register
Check Bypass Switchgear	Check Bypass Switchgear	1033	1034	Yes	Discrete
Check Charger	Check Charger	1034	1035	Yes	Discrete
Ramp Up Failed		1035	1036	No	Discrete
Check Static Switch	Check Static Switch	1036	1037	No	Discrete
Bypass Uncalibrated		1038	1039	No	Discrete
Input Uncalibrated	Input Uncalibrated	1039	1040	Yes	Discrete
Output Uncalibrated		1040	1041	No	Discrete
Inverter Uncalibrated		1041	1042	No	Discrete
DC Voltage Uncalibrated		1042	1043	No	Discrete
Output Current Uncalibrated		1043	1044	No	Discrete
Rectifier Current Uncalibrated		1044	1045	No	Discrete
Battery Current Uncalibrated	Battery Current Uncalibrated	1045	1046	Yes	Discrete
Inverter On Off Stat Failure		1046	1047	No	Discrete
Battery Current Limit	Battery Current Limit	1047	1048	Yes	Discrete
Inverter Startup Failure		1048	1049	No	Discrete
Check Battery Ground	Check Battery Ground	1051	1052	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	1053	1054	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	1055	1056	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	1056	1057	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	1057	1058	Yes	Discrete
Output Short Circuit	Output Short Circuit	1058	1059	Yes	Discrete
Utility Not Present	Utility Not Present	1059	1060	Yes	Discrete
AD Error		1061	1062	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Internal Communication Failure	Internal Communication Failure	1062	1063	Yes	Discrete
Rectifier Failed Self-Test		1063	1064	No	Discrete
Model Name	Model Name	1064	1065	Yes	Register
Input Line Voltage Loss	Input Line Voltage Loss	1066	1067	Yes	Discrete
Battery Voltage High	Battery Voltage High	1067	1068	Yes	Discrete
Power Supply Over Temperature		1068	1069	No	Discrete
Check Power Supply	Check Power Supply	1069	1070	Yes	Discrete
Check Logic Power Supply		1070	1071	No	Discrete
Check Secondary Power Supply		1071	1072	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	1072	1073	Yes	Discrete
Check Heatsink Temperature Sensor		1073	1074	No	Discrete
Rectifier Current Over 125 Percent	Rectifier Current Over 125 Percent	1074	1075	Yes	Discrete
Rectifier Tripped	Rectifier Tripped	1075	1076	Yes	Discrete
Program Stack Error		1077	1078	No	Discrete
Inverter Control Board Failed Self-Test		1078	1079	No	Discrete
Inverter AD Converter Self-Test Failed		1079	1080	No	Discrete
RAM Device Self-Test Failure		1080	1081	No	Discrete
Inverter CPU Self-Test Failed		1083	1084	No	Discrete
Front Panel Self-Test Failure		1085	1086	No	Discrete
Output DC Over Voltage	Output DC Over Voltage	1088	1089	Yes	Discrete
Input Phase Rotation Error	Input Phase Rotation Error	1089	1090	Yes	Discrete
Inverter Ramp Up Test Failed		1090	1091	No	Discrete
Display Name	Display Name	1096	1097	Yes	Register
Phase A Inverter Current Limit	Phase A Inverter Current Limit	1098	1099	Yes	Discrete
Phase B Inverter Current Limit	Phase B Inverter Current Limit	1099	1100	Yes	Discrete
Phase C Inverter Current Limit	Phase C Inverter Current Limit	1100	1101	Yes	Discrete
Bypass Source Out Of Tolerance	Bypass Source Out Of Tolerance	1101	1102	Yes	Discrete
Rectifier Switchgear CB1 Open	Rectifier Switchgear CB1 Open	1102	1103	Yes	Discrete
Battery Switchgear CB2 Open	Battery Switchgear CB2 Open	1103	1104	Yes	Discrete
Inverter Switchgear CB3 Open	Inverter Switchgear CB3 Open	1104	1105	Yes	Discrete
Bypass Switchgear CB4 Open	Bypass Switchgear CB4 Open	1105	1106	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	1107	1108	Yes	Discrete
DCUV While Charger Is Full On	DCUV While Charger Is Full On	1112	1113	Yes	Discrete
Inverter Voltage Bias Error		1113	1114	No	Discrete
Multi Phase Rotation	Multi Phase Rotation	1114	1115	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	1115	1116	Yes	Discrete
Check System Interface Board		1116	1117	No	Discrete
Check Parallel Board	Check Parallel Board	1117	1118	Yes	Discrete
Phase A Loss Of Load Sharing		1118	1119	No	Discrete
Phase B Loss Of Load Sharing		1119	1120	No	Discrete
Phase C Loss Of Load Sharing		1120	1121	No	Discrete
Battery Totally Discharged	Battery Totally Discharged	1122	1123	Yes	Discrete
Inverter Phase Bias Error		1123	1124	No	Discrete
Inverter DC Bias Error		1124	1125	No	Discrete
Large Charger Input Current	Large Charger Input Current	1125	1126	Yes	Discrete
Inverter Voltage Too Low For Ramp Level		1126	1127	No	Discrete
System Not Redundant	System Not Redundant	1127	1128	Yes	Discrete
Device Type	Device Type	1128	1129	Yes	Register
Loss Of Sync Bus	Loss Of Sync Bus	1128	1129	Yes	Discrete
Rectifier Switchgear Shunt Tripped		1129	1130	No	Discrete
Loss Of Charger Sync	Loss Of Charger Sync	1130	1131	Yes	Discrete
Inverter Low Level Test Timeout		1131	1132	No	Discrete
Output Switchgear Open	Output Switchgear MOB Open	1132	1133	Yes	Discrete
Bypass Power Loss	Bypass Power Loss	1133	1134	Yes	Discrete
Maintenance Bypass Mode	Maintenance Bypass Mode	1134	1135	Yes	Discrete
Check Battery	Check Battery	1137	1138	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Phase A Overload	Phase A Overload	1139	1140	Yes	Discrete
Phase B Overload	Phase B Overload	1140	1141	Yes	Discrete
Phase C Overload	Phase C Overload	1141	1142	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	1142	1143	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	1143	1144	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	1144	1145	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	1145	1146	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	1146	1147	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	1147	1148	Yes	Discrete
UPS On Battery	UPS On Battery	1148	1149	Yes	Discrete
UPS On Bypass	UPS On Bypass	1149	1150	Yes	Discrete
Check Inverter Temperature Sensor		1153	1154	No	Discrete
Check Bypass	Check Bypass	1155	1156	Yes	Discrete
Battery Test Failed	Battery Test Failed	1157	1158	Yes	Discrete
Check Fuse	Check Fuse	1158	1159	Yes	Discrete
Check Fan	Check Fan	1159	1160	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	1160	1161	Yes	Discrete
System Topology	System Topology	1160	1161	Yes	Register
Check Backfeed Switchgear		1161	1162	No	Discrete
Battery Disconnected	Battery Disconnected	1162	1163	Yes	Discrete
UPS Cabinet Over Temperature		1163	1164	No	Discrete
Transformer Over Temperature	Transformer Over Temperature	1164	1165	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	1165	1166	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	1166	1167	Yes	Discrete
Cabinet Door Open	Cabinet Door Open	1167	1168	Yes	Discrete
Cabinet Door Open With Voltage Present		1168	1169	No	Discrete
Automatic Shutdown Pending	Automatic Shutdown Pending	1169	1170	Yes	Discrete
Unable To Charge Battery		1171	1172	No	Discrete
Startup Failed - Check EPO Reset		1172	1173	No	Discrete
Automatic Startup Pending	Automatic Startup Pending	1173	1174	Yes	Discrete
Check Modem		1174	1175	No	Discrete
Check Input Switchgear	Check Input Switchgear	1176	1177	Yes	Discrete
Autocalibration Failed		1177	1178	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	1178	1179	Yes	Discrete
Inverter Output Failure	Inverter Output Failure	1179	1180	Yes	Discrete
Abnormal Output Voltage At Startup		1180	1181	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	1181	1182	Yes	Discrete
Configuration Error	Configuration Error	1182	1183	Yes	Discrete
Redundancy Loss Due To Overload		1183	1184	No	Discrete
System Notice Active	System Notice Active	1185	1186	Yes	Discrete
System Alarm Active	System Alarm Active	1186	1187	Yes	Discrete
Current Balance Failure		1188	1189	No	Discrete
Inverter Phase Rotation	Inverter Phase Rotation	1192	1193	Yes	Discrete
OEM Code	Device ID	1192	1193	Yes	Register
External Communication Failure	External Communication Failure	1194	1195	Yes	Discrete
Invalid Board ID		1195	1196	No	Discrete
Check Inverter Switchgear		1196	1197	No	Discrete
Output Watts Overload		1197	1198	No	Discrete
Check Precharge		1198	1199	No	Discrete
Neutral Current Limit	Neutral Current Limit	1199	1200	Yes	Discrete
Close Battery Switchgear	Close Battery Switchgear	1200	1201	Yes	Discrete
UPS On Generator	UPS On Generator	1201	1202	Yes	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	1202	1203	Yes	Discrete
Check Rectifier Temperature Sensor		1203	1204	No	Discrete
Phase A Rectifier Current Limit	Phase A Rectifier Current Limit	1205	1206	Yes	Discrete
Phase B Rectifier Current Limit	Phase B Rectifier Current Limit	1206	1207	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Phase C Rectifier Current Limit	Phase C Rectifier Current Limit	1207	1208	Yes	Discrete
Not Enough UPMs Ready		1208	1209	No	Register
Device GUID	Device GUID	1256	1257	Yes	Register
Serial Number	Serial Number	1276	1277	Yes	Register
Check Device Clock Synchronization Every		1347	1348	No	Register
Nominal Input Voltage	Nominal Input Voltage	1357	1358	Yes	Register
Nominal Output Voltage	Nominal Output Voltage	1359	1360	Yes	Register
Number of Phases	Number of Phases	1361	1362	Yes	Register
Parallel System	Parallel System	1362	1363	Yes	Register
Individual Load Segments	Individual Load Segments	1363	1364	Yes	Register
Topology Index		1364	1365	No	Register
Asset Identification Tag	Asset Identification Tag	1477	1478	No	Register
Battery Last Replaced Date	Battery Last Replaced Date	1620	1621	No	Register
Date Last Serviced		1636	1637	No	Register
Installation Date		1652	1653	No	Register
Nominal Input Frequency	Nominal Input Frequency	1669	1670	Yes	Register
Nominal Output Frequency	Nominal Output Frequency	1670	1671	Yes	Register
Low Voltage Transfer Point	Low Voltage Transfer Point	1671	1672	Yes	Register
Boost Step-Up Point	Boost Step-Up Point	1672	1673	Yes	Register
Buck Reducer Point	Buck Reducer Point	1673	1674	Yes	Register
High Voltage Transfer Point	High Voltage Transfer Point	1674	1675	Yes	Register
Low Runtime Alarm Setpoint	Low Runtime Alarm Setpoint	1675	1676	Yes	Register
Device Number	Device Number	1807	1808	Yes	Register
Input Phases	Number of input Phases	1808	1809	Yes	Register
Output Phases	Number of output Phases	1809	1810	Yes	Register
Output Current Rating	Output Current Rating	1810	1811	No	Register
System Type	System Type	1811	1812	Yes	Register
Battery Configuration		1813	1814	No	Register
Battery Installed	Battery Installed	1814	1815	Yes	Register
Distributed Parallel	Distributed Parallel	1815	1816	Yes	Register
Connected to SBM		1816	1817	No	Register
Number of Sub Devices		1817	1818	No	Register
Part Number	Part Number	2076	2077	Yes	Register
Software Version	Software Version	2108	2109	Yes	Register
Battery Test Result	Battery Test Result	2801	2802	Yes	Register
System Status	System Status	3000	3001	Yes	Register
Call User		3002	3003	No	Discrete
Output State	Output State	3002	3003	Yes	Register
Major Alarm	Major Alarm	3003	3004	Yes	Discrete
Power Strategy	Power Strategy	3003	3004	Yes	Register
Redundant State	Redundant State	3004	3005	Yes	Register
Schedule Service	Schedule Service	3004	3005	Yes	Discrete
Horn Status	Horn Status	3005	3006	Yes	Register
Service Required	Service Required	3005	3006	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	3006	3007	Yes	Discrete
Check Output Switchgear	Check Output Switchgear	3021	3022	No	Register
Close Bypass Switchgear	Close Bypass Switchgear	3029	3030	Yes	Register
Inverter Switchgear Status (K3)	Inverter Switchgear Status(K3)	3040	3041	Yes	Register
Rectifier Switchgear Status (K1)	Rectifier Switchgear Status(K1)	3041	3042	Yes	Register
Bypass Switchgear Status (K4)	Bypass Switchgear Status (K4)	3042	3043	Yes	Register
Battery Switchgear Status (K2)	Battery Switchgear Status(K2)	3043	3044	Yes	Register
Backfeed Switchgear Status (K5)	Backfeed Switchgear Status(K5)	3044	3045	Yes	Register
Check Output Switchgear		3083	3084	No	Discrete
Number Operating Hours	Number Operating Hours	3084	3085	Yes	Register
Ground Fault Alarm	Ground Fault Alarm	3098	3099	Yes	Register
ABM Status	ABM Status	3145	3146	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Output Current Available	Output Current Available	3149	3150	Yes	Register
Output VA Available	Output VA Available	3151	3152	Yes	Register
Output Watts Available	Output Watts Available	3153	3154	Yes	Register
Vab Input	Vab Input	4028	4029	Yes	Register
Vbc Input	Vbc Input	4030	4031	Yes	Register
Vca Input	Vca Input	4032	4033	Yes	Register
Vab Output	Vab Output	4034	4035	Yes	Register
Vbc Output	Vbc Output	4036	4037	Yes	Register
Vca Output	Vca Output	4038	4039	Yes	Register
Van Input	Van Input	4040	4041	Yes	Register
Vbn Input	Vbn Input	4042	4043	Yes	Register
Vcn Input	Vcn Input	4044	4045	Yes	Register
Van Output	Van Output	4046	4047	Yes	Register
Vbn Output	Vbn Output	4048	4049	Yes	Register
Vcn Output	Vcn Output	4050	4051	Yes	Register
Vab Bypass	Vab Bypass	4052	4053	Yes	Register
Vbc Bypass	Vbc Bypass	4054	4055	Yes	Register
Vca Bypass	Vca Bypass	4056	4057	Yes	Register
Van Bypass	Van Bypass	4058	4059	Yes	Register
Vbn Bypass	Vbn Bypass	4060	4061	Yes	Register
Vcn Bypass	Vcn Bypass	4062	4063	Yes	Register
Battery Voltage	Battery Voltage	4377	4378	Yes	Register
linA	linA	5022	5023	Yes	Register
linB	linB	5024	5025	Yes	Register
linC	linC	5026	5027	Yes	Register
loutA	loutA	5028	5029	Yes	Register
loutB	loutB	5030	5031	Yes	Register
loutC	loutC	5032	5033	Yes	Register
loutN	loutN	5034	5035	Yes	Register
Battery Current	Battery Current	5190	5191	Yes	Register
lbyPassA	lbyPassA	5576	5577	Yes	Register
lbyPassB	lbyPassB	5578	5579	Yes	Register
lbyPassC	lbyPassC	5580	5581	Yes	Register
Watts In	Watts In	6022	6023	Yes	Register
Watts Out	Watts Out	6024	6025	Yes	Register
VA In	VA In	6086	6087	Yes	Register
VA Out	VA Out	6088	6089	Yes	Register
Percent Full Load	Percent Full Load	6184	6185	Yes	Register
Percent Full Load A	Percent Full Load A	6186	6187	Yes	Register
Percent Full Load B	Percent Full Load B	6188	6189	Yes	Register
Percent Full Load C	Percent Full Load C	6190	6191	Yes	Register
Output PF	Output PF	6202	6203	Yes	Register
Input PF	Input PF	6204	6205	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	7000	7001	Yes	Register
Output KW Hours	Output KW Hours	7002	7003	Yes	Register
Input KW Hours	Input KW Hours	7681	7682	No	Register
Input Demand KW		7871	7872	No	Register
Output Demand KW	Output Demand KW	7873	7874	No	Register
Input Phase A % Voltage THD	Input Phase A % Voltage THD	8042	8043	Yes	Register
Input Phase B % Voltage THD	Input Phase B % Voltage THD	8044	8045	Yes	Register
Input Phase C % Voltage THD	Input Phase C % Voltage THD	8046	8047	Yes	Register
Output Phase A % Voltage THD	Output Phase A % Voltage THD	8048	8049	Yes	Register
Output Phase B % Voltage THD	Output Phase B % Voltage THD	8050	8051	Yes	Register
Output Phase C % Voltage THD	Output Phase C % Voltage THD	8052	8053	Yes	Register
Output Frequency	Output Frequency	11002	11003	Yes	Register
Input Frequency	Input Frequency	11004	11005	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Bypass Frequency	Bypass Frequency	11008	11009	Yes	Register
Ambient Temperature	Ambient Temperature	12000	12001	Yes	Register
Battery Time Remaining	Battery Time Remaining	12206	12207	Yes	Register
Redundancy Level	RedundancyLevel	12625	12626	Yes	Register
Shutdown Imminent Time	Shutdown Imminent Time	12626	12627	Yes	Register
Bypass In Limits	Bypass In Limits	12627	12628	No	Register
Input In Limits	Input In Limits	12629	12630	Yes	Register
Output In Limits	Output In Limits	12630	12631	Yes	Register
CB1	CB1	12631	12632	Yes	Register
CB2	CB2	12632	12633	Yes	Register
MBS	MBS	12638	12639	Yes	Register
K1	K1	12639	12640	Yes	Register
K2	K2	12640	12641	Yes	Register
K3	K3	12641	12642	Yes	Register
Indicator - Normal	Indicator - Normal	12647	12648	Yes	Register
Indicator - Battery	Indicator - Battery	12648	12649	Yes	Register
Indicator - Bypass	Indicator - Bypass	12649	12650	Yes	Register
Indicator - Alarm	Indicator - Alarm	12650	12651	Yes	Register
System On Maintenance Bypass	System On Maintenance Bypass	12664	12665	Yes	Register
System Output On	System Output On	12665	12666	Yes	Register
Battery Energized	Battery Energized	12666	12667	Yes	Register
Utility Present	Utility Present	12667	12668	Yes	Register
Rectifier Output On	Rectifier Output On	12668	12669	Yes	Register
Inverter Output On	Inverter Output On	12669	12670	Yes	Register
Charger On	Charger On	12670	12671	Yes	Register
Batteries Depleted	Batteries Depleted	12671	12672	Yes	Register
Utility Input Breaker	Utility Input Breaker	12672	12673	Yes	Register
Battery Breaker	Battery Breaker	12675	12676	Yes	Register
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	12676	12677	Yes	Register
System Normal	System Normal	12680	12681	Yes	Register
Input Phase A % Current THD	Input Phase A % Current THD	12684	12685	Yes	Register
Input Phase B % Current THD	Input Phase B % Current THD	12686	12687	Yes	Register
Input Phase C % Current THD	Input Phase C % Current THD	12688	12689	Yes	Register
Output Phase A % Current THD	Output Phase A % Current THD	12690	12691	Yes	Register
Output Phase B % Current THD	Output Phase B % Current THD	12692	12693	Yes	Register
Output Phase C % Current THD	Output Phase C % Current THD	12694	12695	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	12698	12699	Yes	Register
Bypass Available	Bypass Available	12699	12700	No	Register
System Not On Maintenance Bypass	System Not On Maintenance Bypass	17011	17012	Yes	Register
Attached Devices		18000	18001	No	Register
Output VA Rating	Output VA Rating	18118	18119	Yes	Register
Output Watts Rating	Output Watts Rating	18120	18121	Yes	Register
Reference Number	Reference Number	18422	18423	Yes	Register
Utility Transfer Delay	Utility Transfer Delay	18488	18489	Yes	Register
Min Battery Capacity for Restart	Min Battery Capacity for restart	18489	18490	Yes	Register
Max Load for Sleep	Max Load for Sleep	18490	18491	Yes	Register
Onset Delay for Sleep	Onset Delay for Sleep	18491	18492	Yes	Register
Frequency Deviation Limit	Frequency Deviation Limit	18503	18504	No	Register
Phase Deviation Limit	Phase Deviation Limit	18505	18506	No	Register
Upper Ambient Temp Alarm	Upper Ambient Temp Alarm	18509	18510	Yes	Register
Switchable Status	Switchable Status	18511	18512	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
linA	Current phase 1 Mains 1	256	257	Yes	Register
linB	Current phase 2 Mains 1	257	258	Yes	Register
linC	Current phase 3 Mains 1	258	259	Yes	Register
lbyypassA	Current phase 1 Mains 2	262	263	Yes	Register
lbyypassB	Current phase 2 Mains 2	263	264	Yes	Register
lbyypassC	Current phase 3 Mains 2	264	265	Yes	Register
loutA	Current phase 1 output	265	266	Yes	Register
loutB	Current phase 2 output	266	267	Yes	Register
loutC	Current phase 3 output	267	268	Yes	Register
Battery Current	Battery Current	270	271	Yes	Register
Output Watts Rating	Nominal active power	273	274	Yes	Register
Vab Input	U12 Mains 1	277	278	Yes	Register
Vbc Input	U23 Mains 1	278	279	Yes	Register
Vca Input	U31 Mains 1	279	280	Yes	Register
Van Bypass	Voltage phase 1 Mains 2	286	287	Yes	Register
Vbn Bypass	Voltage phase 2 Mains 2	287	288	Yes	Register
Vcn Bypass	Voltage phase 3 Mains 2	288	289	Yes	Register
Vab Bypass	U12 Mains 2	289	290	Yes	Register
Vbc Bypass	U23 Mains 2	290	291	Yes	Register
Vca Bypass	U31 Mains 2	291	292	Yes	Register
Van Output	Output voltage 1N	292	293	Yes	Register
Vbn Output	Output voltage 2N	293	294	Yes	Register
Vcn Output	Output voltage 3N	294	295	Yes	Register
Vab Output	Output voltage 12	295	296	Yes	Register
Vbc Output	Output voltage 23	296	297	Yes	Register
Vca Output	Output voltage 31	297	298	Yes	Register
Battery Voltage	Battery Voltage	301	302	Yes	Register
Watts Out	Output total active power	310	311	Yes	Register
VA Out	Output total apparent power	311	312	Yes	Register
Percent Full Load	% output load level	313	314	Yes	Register
Output PF	Power factor x 100	317	318	Yes	Register
Input Frequency	Mains 1 frequency	318	319	Yes	Register
Bypass Frequency	Mains 2 frequency	320	321	Yes	Register
Output Frequency	Output frequency	321	322	Yes	Register
Battery Time Remaining	Battery backup time	329	330	Yes	Register
Battery Capacity Remaining	Battery charging level	331	332	Yes	Register
Van Input	Voltage Mains 1 phase 1	336	337	Yes	Register
Vbn Input	Voltage Mains 1 phase 2	337	338	Yes	Register
Vcn Input	Voltage Mains 1 phase 3	338	339	Yes	Register
Vendor Name	Manufacturer Name	416	417	Yes	Register
Model Name	UPS Model	432	433	No	Register
Serial Number	Serial Number	440	441	Yes	Register
Part Number	Part Number	448	449	Yes	Register
Reference Number	Reference Number	456	457	Yes	Register
Output VA Rating	Nominal apparent power	521	522	Yes	Register
Nominal Input Voltage	Nominal battery voltage	531	532	No	Register
System Output On	Load protected status	1024	1025	Yes	Discrete
Inverter Output On	UPS coupled	1025	1026	Yes	Discrete
System Alarm Active	Unit general alarm	1026	1027	Yes	Discrete
Configuration Error	Configuration firmware fault	1027	1028	Yes	Discrete
UPS On Battery	UPS in backup status	1028	1029	Yes	Discrete
Shutdown Imminent	Low battery	1030	1031	Yes	Discrete
Internal Communication Failure	Communication fault	1033	1034	Yes	Discrete
Output Overload	UPS overload	1034	1035	Yes	Discrete
Remote Emergency Power Off	Emergency stop	1035	1036	Yes	Discrete
Battery Test Failed	Battery to be checked	1037	1038	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Check Fan	Device ventilation fault	1038	1039	Yes	Discrete
High Efficiency/ESS	Mode ECO = 1	1047	1048	Yes	Discrete
Battery Energized	Battery present	1056	1057	Yes	Discrete
Check Battery Switchgear	Battery fuse fault	1067	1068	No	Discrete
Battery Breaker	Circuit breaker QF1 status	1071	1072	Yes	Discrete
Site Wiring Fault	Wiring fault	1090	1091	Yes	Discrete
Utility Input Breaker	Circuit breaker Q1 status	1091	1092	Yes	Discrete
Utility Out Of Limits	Mains 1 voltage out of tolerance	1096	1097	Yes	Discrete
Check Fuse	Mains 1 fuse fault	1097	1098	No	Discrete
Charger Over Temperature	Charger over temperature fault	1098	1099	Yes	Discrete
Input Under Or Over Frequency	Mains 1 frequency out of tolerance	1099	1100	Yes	Discrete
System Not Redundant	Redundancy lost	1111	1112	Yes	Discrete
System On Maintenance Bypass	Maintenance position	1121	1122	Yes	Discrete
Bypass Under Or Over Frequency	Mains 2 frequency out of tolerance	1129	1130	Yes	Discrete
Check Static Switch	Internal fault	1136	1137	Yes	Discrete
Static Switch Over Temperature	Mains 2 internal fault	1145	1146	Yes	Discrete
Check Charger	Charger general fault	1168	1169	Yes	Discrete
Charger On	Battery charge	1169	1170	Yes	Discrete
Check Inverter	Inverter major fault	1217	1218	Yes	Discrete
Inverter Over Temperature Trip	Inverter thermal overload	1219	1220	No	Discrete
Inverter Output Over Current	Inverter current limitation	1220	1221	No	Discrete
Inverter Over Temperature	Inverter over temperature	1226	1227	Yes	Discrete
Output Short Circuit	Short circuit	1265	1266	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
UPS On Battery	UPS On Battery	0	1	Yes	Discrete
Vab Output	Vab Output	0	1	Yes	Register
Vbc Output	Vbc Output	1	2	Yes	Register
Vca Output	Vca Output	2	3	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	3	4	Yes	Discrete
Vab Input	Vab Input	3	4	Yes	Register
Vbc Input	Vbc Input	4	5	Yes	Register
Vca Input	Vca Input	5	6	Yes	Register
Vab Bypass	Vab Bypass	9	10	Yes	Register
System Normal	System Normal	10	11	Yes	Discrete
Vbc Bypass	Vbc Bypass	10	11	Yes	Register
Vca Bypass	Vca Bypass	11	12	Yes	Register
System Output On	System Output On	15	16	Yes	Discrete
linA	linA	18	19	Yes	Register
linB	linB	19	20	Yes	Register
linC	linC	20	21	Yes	Register
Watts Out	Watts Out	21	22	Yes	Register
Watts In	Watts In	22	23	Yes	Register
VA Out	VA Out	23	24	Yes	Register
VA In	VA In	24	25	Yes	Register
Output PF	Output PF	25	26	Yes	Register
Input PF	Input PF	26	27	Yes	Register
Output Frequency	Output Frequency	27	28	Yes	Register
Input Frequency	Input Frequency	28	29	Yes	Register
Bypass Frequency	Bypass Frequency	30	31	Yes	Register
Battery Current	Battery Current	32	33	Yes	Register
Battery Voltage	Battery Voltage	33	34	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	34	35	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Battery Time Remaining	Battery Time Remaining	35	36	Yes	Register
Van Bypass	Van Bypass	53	54	Yes	Register
Vbn Bypass	Vbn Bypass	54	55	Yes	Register
Vcn Bypass	Vcn Bypass	55	56	Yes	Register
Van Input	Van Input	56	57	Yes	Register
Vbn Input	Vbn Input	57	58	Yes	Register
Vcn Input	Vcn Input	58	59	Yes	Register
Ambient Temperature	Ambient Temperature	62	63	Yes	Register
loutA	loutA	65	66	Yes	Register
loutB	loutB	66	67	Yes	Register
loutC	loutC	67	68	Yes	Register
Van Output	Van Output	78	79	Yes	Register
Vbn Output	Vbn Output	79	80	Yes	Register
Vcn Output	Vcn Output	80	81	Yes	Register
loutN	loutN	81	82	Yes	Register
Inverter AC Over Voltage	Inverter AC Over Voltage	143	144	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	144	145	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	145	146	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	146	147	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	147	148	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	148	149	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	149	150	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	150	151	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	151	152	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	152	153	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	153	154	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	154	155	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	155	156	Yes	Discrete
Building Alarm 6	Building Alarm 6	157	158	Yes	Discrete
Building Alarm 5	Building Alarm 5	158	159	Yes	Discrete
Building Alarm 4	Building Alarm 4	159	160	Yes	Discrete
Building Alarm 3	Building Alarm 3	160	161	Yes	Discrete
Building Alarm 2	Building Alarm 2	161	162	Yes	Discrete
Building Alarm 1	Building Alarm 1	162	163	Yes	Discrete
Static Switch Over Temperature	Static Switch Over Temperature	163	164	No	Discrete
Charger Over Temperature	Charger Over Temperature	164	165	Yes	Discrete
Charger Tripped	Charger Tripped	165	166	Yes	Discrete
Charger Over Voltage Or Current	Charger Over Voltage Or Current	166	167	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	167	168	Yes	Discrete
Output Overload	Output Overload	168	169	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	169	170	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	170	171	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	171	172	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	172	173	Yes	Discrete
Check Rectifier	Check Rectifier	173	174	Yes	Discrete
Check Inverter	Check Inverter	174	175	Yes	Discrete
Check Battery Switchgear	Check Battery Switchgear	175	176	Yes	Discrete
Check Bypass Switchgear	Check Bypass Switchgear	176	177	Yes	Discrete
Check Charger	Check Charger	177	178	Yes	Discrete
Ramp Up Failed		178	179	No	Discrete
Check Static Switch	Check Static Switch	179	180	No	Discrete
Bypass Uncalibrated	Bypass Uncalibrated	181	182	Yes	Discrete
Input Uncalibrated	Input Uncalibrated	182	183	Yes	Discrete
Output Uncalibrated	Output Uncalibrated	183	184	Yes	Discrete
Inverter Uncalibrated	Inverter Uncalibrated	184	185	Yes	Discrete
DC Voltage Uncalibrated	DC Voltage Uncalibrated	185	186	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Output Current Uncalibrated	Output Current Uncalibrated	186	187	Yes	Discrete
Rectifier Current Uncalibrated	Rectifier Current Uncalibrated	187	188	Yes	Discrete
Battery Current Uncalibrated	Battery Current Uncalibrated	188	189	Yes	Discrete
Inverter On Off Stat Failure		189	190	No	Discrete
Battery Current Limit	Battery Current Limit	190	191	Yes	Discrete
Inverter Startup Failure	Inverter Startup Failure	191	192	Yes	Discrete
Check Battery Ground	Check Battery Ground	194	195	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	196	197	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	198	199	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	199	200	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	200	201	Yes	Discrete
Output Short Circuit	Output Short Circuit	201	202	Yes	Discrete
Utility Not Present	Utility Not Present	202	203	Yes	Discrete
AD Error		205	206	No	Discrete
Internal Communication Failure	Internal Communication Failure	206	207	Yes	Discrete
Rectifier Failed Self-Test	Rectifier Failed Self-Test	207	208	Yes	Discrete
Input Line Voltage Loss	Input Line Voltage Loss	210	211	Yes	Discrete
Battery Voltage High	Battery Voltage High	211	212	Yes	Discrete
Power Supply Over Temperature		212	213	No	Discrete
Check Power Supply	Check Power Supply	213	214	Yes	Discrete
Check Logic Power Supply		214	215	No	Discrete
Check Secondary Power Supply		215	216	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	216	217	Yes	Discrete
Check Heatsink Temperature Sensor		217	218	No	Discrete
Rectifier Current Over 125 Percent	Rectifier Current Over 125 Percent	218	219	Yes	Discrete
Rectifier Tripped	Rectifier Tripped	219	220	Yes	Discrete
Program Stack Error		221	222	No	Discrete
Inverter Control Board Failed Self-Test	Inverter Control Board Failed Self-Test	222	223	Yes	Discrete
Inverter AD Converter Self-Test Failed		223	224	No	Discrete
RAM Device Self-Test Failure		224	225	No	Discrete
Inverter CPU Self-Test Failed		227	228	No	Discrete
Front Panel Self-Test Failure		229	230	No	Discrete
Output DC Over Voltage	Output DC Over Voltage	232	233	Yes	Discrete
Input Phase Rotation Error	Input Phase Rotation Error	233	234	Yes	Discrete
Inverter Ramp Up Test Failed		234	235	No	Discrete
Phase A Inverter Current Limit	Phase A Inverter Current Limit	245	246	Yes	Discrete
Phase B Inverter Current Limit	Phase B Inverter Current Limit	246	247	Yes	Discrete
Phase C Inverter Current Limit	Phase C Inverter Current Limit	247	248	Yes	Discrete
Rectifier Output On	Rectifier Output On	249	250	Yes	Discrete
Battery Breaker	Battery Breaker	250	251	Yes	Discrete
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	251	252	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	254	255	Yes	Discrete
DCUV While Charger Is Full On		259	260	No	Discrete
Inverter Voltage Bias Error		260	261	No	Discrete
Multi Phase Rotation	Multi Phase Rotation	261	262	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	262	263	Yes	Discrete
Check System Interface Board		263	264	No	Discrete
Check Parallel Board		264	265	No	Discrete
Phase A Loss Of Load Sharing		265	266	No	Discrete
Phase B Loss Of Load Sharing		266	267	No	Discrete
Phase C Loss Of Load Sharing		267	268	No	Discrete
Battery Totally Discharged	Battery Totally Discharged	269	270	Yes	Discrete
Inverter Phase Bias Error		270	271	No	Discrete
Inverter DC Bias Error		271	272	No	Discrete
Large Charger Input Current	Large Charger Input Current	273	274	Yes	Discrete
Inverter Voltage Too Low For Ramp Level		274	275	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
System Not Redundant	System Not Redundant	275	276	Yes	Discrete
Loss Of Sync Bus		276	277	No	Discrete
Rectifier Switchgear Shunt Tripped		277	278	No	Discrete
Loss Of Charger Sync	Loss Of Charger Sync	278	279	Yes	Discrete
Inverter Low Level Test Timeout		279	280	No	Discrete
Output Switchgear Open	Output Switchgear MOB Open	280	281	Yes	Discrete
Inverter Output On	Inverter Output On	282	283	Yes	Discrete
Charger On	Charger On	283	284	Yes	Discrete
Bypass Power Loss	Bypass Power Loss	285	286	Yes	Discrete
Check Battery	Check Battery	292	293	Yes	Discrete
Check Output Switchgear	Check Output Switchgear	300	301	Yes	Discrete
Phase A Overload	Phase A Overload	302	303	Yes	Discrete
Phase B Overload	Phase B Overload	303	304	Yes	Discrete
Phase C Overload	Phase C Overload	304	305	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	305	306	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	306	307	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	307	308	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	308	309	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	309	310	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	310	311	Yes	Discrete
Check Inverter Temperature Sensor		320	321	No	Discrete
Close Bypass Switchgear	Close Bypass Switchgear	328	329	Yes	Discrete
Check Bypass	Check Bypass	331	332	Yes	Discrete
Battery Test Failed	Battery Test Failed	334	335	Yes	Discrete
Check Fuse		335	336	No	Discrete
Check Fan	Check Fan	336	337	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	337	338	Yes	Discrete
Check Backfeed Switchgear		338	339	No	Discrete
Battery Disconnected	Battery Disconnected	342	343	Yes	Discrete
UPS Cabinet Over Temperature		343	344	No	Discrete
Transformer Over Temperature	Transformer Over Temperature	344	345	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	345	346	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	346	347	Yes	Discrete
Cabinet Door Open		347	348	No	Discrete
Cabinet Door Open With Voltage Present		348	349	No	Discrete
Automatic Shutdown Pending		349	350	No	Discrete
Unable To Charge Battery	Unable To Charge Battery	351	352	Yes	Discrete
Startup Failed - Check EPO Reset		352	353	No	Discrete
Automatic Startup Pending		353	354	No	Discrete
Check Modem		354	355	No	Discrete
Check Input Switchgear	Check Input Switchgear	360	361	Yes	Discrete
Autocalibration Failed		362	363	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	363	364	Yes	Discrete
Inverter Output Failure		364	365	No	Discrete
Abnormal Output Voltage At Startup		365	366	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	366	367	Yes	Discrete
Configuration Error	Configuration Error	367	368	Yes	Discrete
Redundancy Loss Due To Overload		368	369	No	Discrete
System Notice Active	System Notice Active	371	372	Yes	Discrete
System Alarm Active	System Alarm Active	372	373	Yes	Discrete
Current Balance Failure		374	375	No	Discrete
Inverter Phase Rotation	Inverter Phase Rotation	381	382	Yes	Discrete
External Communication Failure		383	384	No	Discrete
Invalid Board ID		384	385	No	Discrete
Check Inverter Switchgear		385	386	No	Discrete
Output Watts Overload		386	387	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Check Precharge		387	388	No	Discrete
Neutral Current Limit	Neutral Current Limit	389	390	Yes	Discrete
Close Battery Switchgear	Close Battery Switchgear	390	391	Yes	Discrete
UPS On Generator	UPS On Generator	391	392	Yes	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	392	393	Yes	Discrete
Check Rectifier Temperature Sensor		393	394	No	Discrete
Phase A Rectifier Current Limit	Phase A Rectifier Current Limit	402	403	Yes	Discrete
Phase B Rectifier Current Limit	Phase B Rectifier Current Limit	403	404	Yes	Discrete
Phase C Rectifier Current Limit	Phase C Rectifier Current Limit	404	405	Yes	Discrete
Not Enough UPMs Ready		405	406	No	Discrete
Ground Fault Alarm	Ground Fault Alarm	508	509	Yes	Discrete
Call User	Call User	526	527	Yes	Discrete
Major Alarm	Major Alarm	527	528	Yes	Discrete
Schedule Service	Schedule Service	528	529	Yes	Discrete
Service Required	Service Required	529	530	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	530	531	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter AC Over Voltage	Inverter AC Over Voltage	1000	1001	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	1001	1002	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	1002	1003	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	1003	1004	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	1004	1005	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	1005	1006	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	1006	1007	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	1007	1008	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	1008	1009	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	1009	1010	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	1010	1011	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	1011	1012	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	1012	1013	Yes	Discrete
Building Alarm 6	Building Alarm 6	1014	1015	Yes	Discrete
Building Alarm 5	Building Alarm 5	1015	1016	Yes	Discrete
Building Alarm 4	Building Alarm 4	1016	1017	Yes	Discrete
Building Alarm 3	Building Alarm 3	1017	1018	Yes	Discrete
Building Alarm 2	Building Alarm 2	1018	1019	Yes	Discrete
Building Alarm 1	Building Alarm 1	1019	1020	Yes	Discrete
Static Switch Over Temperature		1020	1021	No	Discrete
Charger Over Temperature	Charger Over Temperature	1021	1022	Yes	Discrete
Charger Tripped	Charger Tripped	1022	1023	Yes	Discrete
Charger Over Voltage Or Current	Charger Over Voltage Or Current	1023	1024	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	1024	1025	Yes	Discrete
Output Overload	Output Overload	1025	1026	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	1026	1027	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	1027	1028	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	1028	1029	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	1029	1030	Yes	Discrete
Check Rectifier	Check Rectifier	1030	1031	Yes	Discrete
Check Inverter	Check Inverter	1031	1032	Yes	Discrete
Check Battery Switchgear	Check Battery Switchgear	1032	1033	Yes	Discrete
Vendor Name	Vendor Name	1032	1033	Yes	Register
Check Bypass Switchgear	Check Bypass Switchgear	1033	1034	Yes	Discrete
Check Charger	Check Charger	1034	1035	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Ramp Up Failed		1035	1036	No	Discrete
Check Static Switch	Check Static Switch	1036	1037	Yes	Discrete
Bypass Uncalibrated		1038	1039	No	Discrete
Input Uncalibrated	Input Uncalibrated	1039	1040	Yes	Discrete
Output Uncalibrated		1040	1041	No	Discrete
Inverter Uncalibrated		1041	1042	No	Discrete
DC Voltage Uncalibrated		1042	1043	No	Discrete
Output Current Uncalibrated		1043	1044	No	Discrete
Rectifier Current Uncalibrated		1044	1045	No	Discrete
Battery Current Uncalibrated	Battery Current Uncalibrated	1045	1046	Yes	Discrete
Inverter On Off Stat Failure		1046	1047	No	Discrete
Battery Current Limit	Battery Current Limit	1047	1048	Yes	Discrete
Inverter Startup Failure		1048	1049	No	Discrete
Check Battery Ground	Check Battery Ground	1051	1052	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	1053	1054	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	1055	1056	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	1056	1057	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	1057	1058	Yes	Discrete
Output Short Circuit	Output Short Circuit	1058	1059	Yes	Discrete
Utility Not Present	Utility Not Present	1059	1060	Yes	Discrete
AD Error		1061	1062	No	Discrete
Internal Communication Failure	Internal Communication Failure	1062	1063	Yes	Discrete
Rectifier Failed Self-Test		1063	1064	No	Discrete
Model Name	Model Name	1064	1065	Yes	Register
Input Line Voltage Loss	Input Line Voltage Loss	1066	1067	Yes	Discrete
Battery Voltage High	Battery Voltage High	1067	1068	Yes	Discrete
Power Supply Over Temperature		1068	1069	No	Discrete
Check Power Supply	Check Power Supply	1069	1070	Yes	Discrete
Check Logic Power Supply		1070	1071	No	Discrete
Check Secondary Power Supply		1071	1072	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	1072	1073	Yes	Discrete
Check Heatsink Temperature Sensor		1073	1074	No	Discrete
Rectifier Current Over 125 Percent	Rectifier Current Over 125 Percent	1074	1075	Yes	Discrete
Rectifier Tripped	Rectifier Tripped	1075	1076	Yes	Discrete
Program Stack Error		1077	1078	No	Discrete
Inverter Control Board Failed Self-Test		1078	1079	No	Discrete
Inverter AD Converter Self-Test Failed		1079	1080	No	Discrete
RAM Device Self-Test Failure		1080	1081	No	Discrete
Inverter CPU Self-Test Failed		1083	1084	No	Discrete
Front Panel Self-Test Failure		1085	1086	No	Discrete
Output DC Over Voltage	Output DC Over Voltage	1088	1089	Yes	Discrete
Input Phase Rotation Error	Input Phase Rotation Error	1089	1090	Yes	Discrete
Inverter Ramp Up Test Failed		1090	1091	No	Discrete
Display Name	Display Name	1096	1097	Yes	Register
Phase A Inverter Current Limit	Phase A Inverter Current Limit	1098	1099	Yes	Discrete
Phase B Inverter Current Limit	Phase B Inverter Current Limit	1099	1100	Yes	Discrete
Phase C Inverter Current Limit	Phase C Inverter Current Limit	1100	1101	Yes	Discrete
Bypass Source Out Of Tolerance	Bypass Source Out Of Tolerance	1101	1102	Yes	Discrete
Rectifier Switchgear CB1 Open	Rectifier Switchgear CB1 Open	1102	1103	Yes	Discrete
Battery Switchgear CB2 Open	Battery Switchgear CB2 Open	1103	1104	Yes	Discrete
Inverter Switchgear CB3 Open	Inverter Switchgear CB3 Open	1104	1105	Yes	Discrete
Bypass Switchgear CB4 Open	Bypass Switchgear CB4 Open	1105	1106	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	1107	1108	Yes	Discrete
DCUV While Charger Is Full On	DCUV While Charger Is Full On	1112	1113	Yes	Discrete
Inverter Voltage Bias Error		1113	1114	No	Discrete
Multi Phase Rotation	Multi Phase Rotation	1114	1115	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Bypass Phase Rotation	Bypass Phase Rotation	1115	1116	Yes	Discrete
Check System Interface Board		1116	1117	No	Discrete
Check Parallel Board	Check Parallel Board	1117	1118	Yes	Discrete
Phase A Loss Of Load Sharing		1118	1119	No	Discrete
Phase B Loss Of Load Sharing		1119	1120	No	Discrete
Phase C Loss Of Load Sharing		1120	1121	No	Discrete
Battery Totally Discharged	Battery Totally Discharged	1122	1123	Yes	Discrete
Inverter Phase Bias Error		1123	1124	No	Discrete
Inverter DC Bias Error		1124	1125	No	Discrete
Large Charger Input Current	Large Charger Input Current	1125	1126	Yes	Discrete
Inverter Voltage Too Low For Ramp Level		1126	1127	No	Discrete
System Not Redundant	System Not Redundant	1127	1128	Yes	Discrete
Device Type	Device Type	1128	1129	Yes	Register
Loss Of Sync Bus	Loss Of Sync Bus	1128	1129	Yes	Discrete
Rectifier Switchgear Shunt Tripped		1129	1130	No	Discrete
Loss Of Charger Sync	Loss Of Charger Sync	1130	1131	Yes	Discrete
Inverter Low Level Test Timeout		1131	1132	No	Discrete
Output Switchgear Open	Output Switchgear MOB Open	1132	1133	Yes	Discrete
Bypass Power Loss	Bypass Power Loss	1133	1134	Yes	Discrete
Maintenance Bypass Mode	Maintenance Bypass Mode	1134	1135	Yes	Discrete
Check Battery	Check Battery	1137	1138	Yes	Discrete
Phase A Overload	Phase A Overload	1139	1140	Yes	Discrete
Phase B Overload	Phase B Overload	1140	1141	Yes	Discrete
Phase C Overload	Phase C Overload	1141	1142	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	1142	1143	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	1143	1144	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	1144	1145	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	1145	1146	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	1146	1147	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	1147	1148	Yes	Discrete
UPS On Battery	UPS On Battery	1148	1149	Yes	Discrete
UPS On Bypass	UPS On Bypass	1149	1150	Yes	Discrete
Check Inverter Temperature Sensor		1153	1154	No	Discrete
Check Bypass	Check Bypass	1155	1156	Yes	Discrete
Battery Test Failed	Battery Test Failed	1157	1158	Yes	Discrete
Check Fuse	Check Fuse	1158	1159	Yes	Discrete
Check Fan	Check Fan	1159	1160	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	1160	1161	Yes	Discrete
System Topology	System Topology	1160	1161	Yes	Register
Check Backfeed Switchgear		1161	1162	No	Discrete
Battery Disconnected	Battery Disconnected	1162	1163	Yes	Discrete
UPS Cabinet Over Temperature		1163	1164	No	Discrete
Transformer Over Temperature	Transformer Over Temperature	1164	1165	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	1165	1166	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	1166	1167	Yes	Discrete
Cabinet Door Open	Cabinet Door Open	1167	1168	Yes	Discrete
Cabinet Door Open With Voltage Present		1168	1169	No	Discrete
Automatic Shutdown Pending	Automatic Shutdown Pending	1169	1170	Yes	Discrete
Unable To Charge Battery		1171	1172	No	Discrete
Startup Failed - Check EPO Reset		1172	1173	No	Discrete
Automatic Startup Pending	Automatic Startup Pending	1173	1174	Yes	Discrete
Check Modem		1174	1175	No	Discrete
Check Input Switchgear	Check Input Switchgear	1176	1177	Yes	Discrete
Autocalibration Failed		1177	1178	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	1178	1179	Yes	Discrete
Inverter Output Failure	Inverter Output Failure	1179	1180	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Abnormal Output Voltage At Startup		1180	1181	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	1181	1182	Yes	Discrete
Configuration Error	Configuration Error	1182	1183	Yes	Discrete
Redundancy Loss Due To Overload		1183	1184	No	Discrete
System Notice Active	System Notice Active	1185	1186	Yes	Discrete
System Alarm Active	System Alarm Active	1186	1187	Yes	Discrete
Current Balance Failure		1188	1189	No	Discrete
Inverter Phase Rotation	Inverter Phase Rotation	1192	1193	Yes	Discrete
OEM Code	Device ID	1192	1193	No	Register
External Communication Failure	External Communication Failure	1194	1195	Yes	Discrete
Invalid Board ID		1195	1196	No	Discrete
Check Inverter Switchgear		1196	1197	No	Discrete
Output Watts Overload		1197	1198	No	Discrete
Check Precharge		1198	1199	No	Discrete
Neutral Current Limit	Neutral Current Limit	1199	1200	Yes	Discrete
Close Battery Switchgear	Close Battery Switchgear	1200	1201	Yes	Discrete
UPS On Generator	UPS On Generator	1201	1202	Yes	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	1202	1203	Yes	Discrete
Check Rectifier Temperature Sensor		1203	1204	No	Discrete
Phase A Rectifier Current Limit	Phase A Rectifier Current Limit	1205	1206	Yes	Discrete
Phase B Rectifier Current Limit	Phase B Rectifier Current Limit	1206	1207	Yes	Discrete
Phase C Rectifier Current Limit	Phase C Rectifier Current Limit	1207	1208	Yes	Discrete
Not Enough UPMs Ready		1208	1209	No	Discrete
Device GUID	Device GUID	1256	1257	Yes	Register
Serial Number	Serial Number	1276	1277	Yes	Register
Check Device Clock Synchronization Every		1347	1348	No	Register
Nominal Input Voltage	Nominal Input Voltage	1357	1358	Yes	Register
Nominal Output Voltage	Nominal Output Voltage	1359	1360	Yes	Register
Number of Phases	Number of Phases	1361	1362	Yes	Register
Parallel System	Parallel System	1362	1363	Yes	Register
Individual Load Segments	Individual Load Segments	1363	1364	Yes	Register
Topology Index		1364	1365	No	Register
Asset Identification Tag	Asset Identification Tag	1477	1478	No	Register
Battery Last Replaced Date	Battery Last Replaced Date	1620	1621	No	Register
Date Last Serviced		1636	1637	No	Register
Installation Date		1652	1653	No	Register
Nominal Input Frequency	Nominal Input Frequency	1669	1670	Yes	Register
Nominal Output Frequency	Nominal Output Frequency	1670	1671	Yes	Register
Low Voltage Transfer Point	Low Voltage Transfer Point	1671	1672	Yes	Register
Boost Step-Up Point	Boost Step-Up Point	1672	1673	Yes	Register
Buck Reducer Point	Buck Reducer Point	1673	1674	Yes	Register
High Voltage Transfer Point	High Voltage Transfer Point	1674	1675	Yes	Register
Low Runtime Alarm Setpoint	Low Runtime Alarm Setpoint	1675	1676	Yes	Register
Device Number	Device Number	1807	1808	Yes	Register
Input Phases	Number of input Phases	1808	1809	Yes	Register
Output Phases	Number of output Phases	1809	1810	Yes	Register
Output Current Rating	Output Current Rating	1810	1811	No	Register
System Type	System Type	1811	1812	Yes	Register
Bypass Installed	Bypass Installed	1812	1813	Yes	Register
Battery Configuration		1813	1814	No	Register
Battery Installed	Battery Installed	1814	1815	Yes	Register
Distributed Parallel	Distributed Parallel	1815	1816	Yes	Register
Connected to SBM		1816	1817	No	Register
Number of Sub Devices		1817	1818	No	Register
Part Number	Part Number	2076	2077	Yes	Register
Software Version	Software Version	2108	2109	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Battery Test Result	Battery Test Result	2801	2802	Yes	Register
System Status	System Status	3000	3001	Yes	Register
Call User		3002	3003	No	Discrete
Output State	Output State	3002	3003	Yes	Register
Major Alarm	Major Alarm	3003	3004	Yes	Discrete
Power Strategy	Power Strategy	3003	3004	Yes	Register
Redundant State	Redundant State	3004	3005	Yes	Register
Schedule Service	Schedule Service	3004	3005	Yes	Discrete
Horn Status	Horn Status	3005	3006	Yes	Register
Service Required	Service Required	3005	3006	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	3006	3007	Yes	Discrete
Check Output Switchgear	Check Output Switchgear	3021	3022	No	Register
Close Bypass Switchgear	Close Bypass Switchgear	3029	3030	Yes	Register
Inverter Switchgear Status (K3)	Inverter Switchgear Status(K3)	3040	3041	Yes	Register
Rectifier Switchgear Status (K1)	Rectifier Switchgear Status(K1)	3041	3042	Yes	Register
Bypass Switchgear Status (K4)	Bypass Switchgear Status (K4)	3042	3043	Yes	Register
Battery Switchgear Status (K2)	Battery Switchgear Status(K2)	3043	3044	Yes	Register
Backfeed Switchgear Status (K5)	Backfeed Switchgear Status(K5)	3044	3045	Yes	Register
Check Output Switchgear		3083	3084	No	Discrete
Number Operating Hours	Number Operating Hours	3084	3085	Yes	Register
Ground Fault Alarm	Ground Fault Alarm	3098	3099	Yes	Discrete
ABM Status	ABM Status	3145	3146	Yes	Register
Output Current Available	Output Current Available	3149	3150	Yes	Register
Output VA Available	Output VA Available	3151	3152	Yes	Register
Output Watts Available	Output Watts Available	3153	3154	Yes	Register
Vab Input	Vab Input	4028	4029	Yes	Register
Vbc Input	Vbc Input	4030	4031	Yes	Register
Vca Input	Vca Input	4032	4033	Yes	Register
Vab Output	Vab Output	4034	4035	Yes	Register
Vbc Output	Vbc Output	4036	4037	Yes	Register
Vca Output	Vca Output	4038	4039	Yes	Register
Van Input	Van Input	4040	4041	Yes	Register
Vbn Input	Vbn Input	4042	4043	Yes	Register
Vcn Input	Vcn Input	4044	4045	Yes	Register
Van Output	Van Output	4046	4047	Yes	Register
Vbn Output	Vbn Output	4048	4049	Yes	Register
Vcn Output	Vcn Output	4050	4051	Yes	Register
Vab Bypass	Vab Bypass	4052	4053	Yes	Register
Vbc Bypass	Vbc Bypass	4054	4055	Yes	Register
Vca Bypass	Vca Bypass	4056	4057	Yes	Register
Van Bypass	Van Bypass	4058	4059	Yes	Register
Vbn Bypass	Vbn Bypass	4060	4061	Yes	Register
Vcn Bypass	Vcn Bypass	4062	4063	Yes	Register
Battery Voltage	Battery Voltage	4377	4378	Yes	Register
linA	linA	5022	5023	Yes	Register
linB	linB	5024	5025	Yes	Register
linC	linC	5026	5027	Yes	Register
loutA	loutA	5028	5029	Yes	Register
loutB	loutB	5030	5031	Yes	Register
loutC	loutC	5032	5033	Yes	Register
loutN	loutN	5034	5035	Yes	Register
Battery Current	Battery Current	5190	5191	Yes	Register
lbyPassA	lbyPassA	5576	5577	Yes	Register
lbyPassB	lbyPassB	5578	5579	Yes	Register
lbyPassC	lbyPassC	5580	5581	Yes	Register
Watts In	Watts In	6022	6023	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Watts Out	Watts Out	6024	6025	Yes	Register
VA In	VA In	6086	6087	Yes	Register
VA Out	VA Out	6088	6089	Yes	Register
Percent Full Load	Percent Full Load	6184	6185	Yes	Register
Percent Full Load A	Percent Full Load A	6186	6187	Yes	Register
Percent Full Load B	Percent Full Load B	6188	6189	Yes	Register
Percent Full Load C	Percent Full Load C	6190	6191	Yes	Register
Output PF	Output PF	6202	6203	Yes	Register
Input PF	Input PF	6204	6205	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	7000	7001	Yes	Register
Output KW Hours	Output KW Hours	7002	7003	Yes	Register
Input KW Hours	Input KW Hours	7681	7682	No	Register
Input Demand KW		7871	7872	No	Register
Output Demand KW	Output Demand KW	7873	7874	No	Register
Input Phase A % Voltage THD	Input Phase A % Voltage THD	8042	8043	Yes	Register
Input Phase B % Voltage THD	Input Phase B % Voltage THD	8044	8045	Yes	Register
Input Phase C % Voltage THD	Input Phase C % Voltage THD	8046	8047	Yes	Register
Output Phase A % Voltage THD	Output Phase A % Voltage THD	8048	8049	Yes	Register
Output Phase B % Voltage THD	Output Phase B % Voltage THD	8050	8051	Yes	Register
Output Phase C % Voltage THD	Output Phase C % Voltage THD	8052	8053	Yes	Register
Output Frequency	Output Frequency	11002	11003	Yes	Register
Input Frequency	Input Frequency	11004	11005	Yes	Register
Bypass Frequency	Bypass Frequency	11008	11009	Yes	Register
Ambient Temperature	Ambient Temperature	12000	12001	Yes	Register
Battery Time Remaining	Battery Time Remaining	12206	12207	Yes	Register
Redundancy Level	RedundancyLevel	12625	12626	Yes	Register
Shutdown Imminent Time	Shutdown Imminent Time	12626	12627	Yes	Register
Bypass In Limits	Bypass In Limits	12627	12628	Yes	Register
Input In Limits	Input In Limits	12629	12630	Yes	Register
Output In Limits	Output In Limits	12630	12631	Yes	Register
CB1	CB1	12631	12632	Yes	Register
CB2	CB2	12632	12633	Yes	Register
MOB		12635	12636	No	Register
STSW	STSW	12636	12637	Yes	Register
MBS	MBS	12638	12639	Yes	Register
K1	K1	12639	12640	Yes	Register
K2	K2	12640	12641	Yes	Register
K3	K3	12641	12642	Yes	Register
K5	K5	12643	12644	Yes	Register
Indicator - Normal	Indicator - Normal	12647	12648	Yes	Register
Indicator - Battery	Indicator - Battery	12648	12649	Yes	Register
Indicator - Bypass	Indicator - Bypass	12649	12650	Yes	Register
Indicator - Alarm	Indicator - Alarm	12650	12651	Yes	Register
System On Bypass	System On Bypass	12663	12664	Yes	Register
System On Maintenance Bypass	System On Maintenance Bypass	12664	12665	Yes	Register
System Output On	System Output On	12665	12666	Yes	Register
Battery Energized	Battery Energized	12666	12667	Yes	Register
Utility Present	Utility Present	12667	12668	Yes	Register
Rectifier Output On	Rectifier Output On	12668	12669	Yes	Register
Inverter Output On	Inverter Output On	12669	12670	Yes	Register
Charger On	Charger On	12670	12671	Yes	Register
Batteries Depleted	Batteries Depleted	12671	12672	Yes	Register
Utility Input Breaker	Utility Input Breaker	12672	12673	Yes	Register
Bypass Breaker-Contactor	Bypass Breaker-Contactor	12673	12674	Yes	Register
Static Switch	Static Switch	12674	12675	Yes	Register
Battery Breaker	Battery Breaker	12675	12676	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	12676	12677	Yes	Register
System Normal	System Normal	12680	12681	Yes	Register
Indicator - Bypass Not Available	Indicator - Bypass Not Available	12683	12684	Yes	Register
Input Phase A % Current THD	Input Phase A % Current THD	12684	12685	Yes	Register
Input Phase B % Current THD	Input Phase B % Current THD	12686	12687	Yes	Register
Input Phase C % Current THD	Input Phase C % Current THD	12688	12689	Yes	Register
Output Phase A % Current THD	Output Phase A % Current THD	12690	12691	Yes	Register
Output Phase B % Current THD	Output Phase B % Current THD	12692	12693	Yes	Register
Output Phase C % Current THD	Output Phase C % Current THD	12694	12695	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	12698	12699	Yes	Register
Bypass Available	Bypass Available	12699	12700	Yes	Register
Bypass Present/Installed	Bypass Present/Installed	17010	17011	Yes	Register
System Not On Maintenance Bypass	System Not On Maintenance Bypass	17011	17012	Yes	Register
Bypass Utility Present	Bypass Utility Present	17012	17013	Yes	Register
Attached Devices		18000	18001	No	Register
Output VA Rating	Output VA Rating	18118	18119	Yes	Register
Output Watts Rating	Output Watts Rating	18120	18121	Yes	Register
Reference Number	Reference Number	18422	18423	Yes	Register
Utility Transfer Delay	Utility Transfer Delay	18488	18489	Yes	Register
Min Battery Capacity for Restart	Min Battery Capacity for restart	18489	18490	Yes	Register
Max Load for Sleep	Max Load for Sleep	18490	18491	Yes	Register
Onset Delay for Sleep	Onset Delay for Sleep	18491	18492	Yes	Register
Frequency Deviation Limit	Frequency Deviation Limit	18503	18504	No	Register
Phase Deviation Limit	Phase Deviation Limit	18505	18506	No	Register
Upper Ambient Temp Alarm	Upper Ambient Temp Alarm	18509	18510	Yes	Register
Switchable Status	Switchable Status	18511	18512	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
linA	Current phase 1 Mains 1	256	257	Yes	Register
linB	Current phase 2 Mains 1	257	258	Yes	Register
linC	Current phase 3 Mains 1	258	259	Yes	Register
lbypassA	Current phase 1 Mains 2	262	263	Yes	Register
lbypassB	Current phase 2 Mains 2	263	264	Yes	Register
lbypassC	Current phase 3 Mains 2	264	265	Yes	Register
loutA	Current phase 1 output	265	266	Yes	Register
loutB	Current phase 2 output	266	267	Yes	Register
loutC	Current phase 3 output	267	268	Yes	Register
Battery Current	Battery Current	270	271	Yes	Register
Output Watts Rating	Nominal active power	273	274	Yes	Register
Vab Input	U12 Mains 1	277	278	Yes	Register
Vbc Input	U23 Mains 1	278	279	Yes	Register
Vca Input	U31 Mains 1	279	280	Yes	Register
Van Bypass	Voltage phase 1 Mains 2	286	287	Yes	Register
Vbn Bypass	Voltage phase 2 Mains 2	287	288	Yes	Register
Vcn Bypass	Voltage phase 3 Mains 2	288	289	Yes	Register
Vab Bypass	U12 Mains 2	289	290	Yes	Register
Vbc Bypass	U23 Mains 2	290	291	Yes	Register
Vca Bypass	U31 Mains 2	291	292	Yes	Register
Van Output	Output voltage 1N	292	293	Yes	Register
Vbn Output	Output voltage 2N	293	294	Yes	Register
Vcn Output	Output voltage 3N	294	295	Yes	Register
Vab Output	Output voltage 12	295	296	Yes	Register
Vbc Output	Output voltage 23	296	297	Yes	Register
Vca Output	Output voltage 31	297	298	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Battery Voltage	Battery Voltage	301	302	Yes	Register
Watts Out	Output total active power	310	311	Yes	Register
VA Out	Output total apparent power	311	312	Yes	Register
Percent Full Load	% output load level	313	314	Yes	Register
Output PF	Power factor x 100	317	318	Yes	Register
Input Frequency	Mains 1 frequency	318	319	Yes	Register
Bypass Frequency	Mains 2 frequency	320	321	Yes	Register
Output Frequency	Output frequency	321	322	Yes	Register
Battery Time Remaining	Battery backup time	329	330	Yes	Register
Battery Capacity Remaining	Battery charging level	331	332	Yes	Register
Van Input	Voltage Mains 1 phase 1	336	337	Yes	Register
Vbn Input	Voltage Mains 1 phase 2	337	338	Yes	Register
Vcn Input	Voltage Mains 1 phase 3	338	339	Yes	Register
Vendor Name	Manufacturer Name	416	417	Yes	Register
Model Name	UPS Model	432	433	Yes	Register
Serial Number	Serial Number	440	441	Yes	Register
Part Number	Part Number	448	449	Yes	Register
Reference Number	Reference Number	456	457	Yes	Register
Output VA Rating	Nominal apparent power	521	522	Yes	Register
Nominal Input Voltage	Nominal battery voltage	531	532	No	Register
System Output On	Load protected status	1024	1025	Yes	Discrete
Inverter Output On	UPS coupled	1025	1026	Yes	Discrete
System Alarm Active	Unit general alarm	1026	1027	Yes	Discrete
Configuration Error	Configuration firmware fault	1027	1028	Yes	Discrete
UPS On Battery	UPS in backup status	1028	1029	Yes	Discrete
Shutdown Imminent	Low battery	1030	1031	No	Discrete
System On Bypass	Operation on static switch	1031	1032	Yes	Discrete
Internal Communication Failure	Communication fault	1033	1034	Yes	Discrete
Output Overload	UPS overload	1034	1035	Yes	Discrete
Remote Emergency Power Off	Emergency stop	1035	1036	Yes	Discrete
Battery Test Failed	Battery to be checked	1037	1038	Yes	Discrete
Check Fan	Device ventilation fault	1038	1039	Yes	Discrete
High Efficiency/ESS	Mode ECO = 1	1047	1048	Yes	Discrete
Battery Energized	Battery present	1056	1057	Yes	Discrete
Check Battery Switchgear	Battery fuse fault	1067	1068	No	Discrete
Battery Breaker	Circuit breaker QF1 status	1071	1072	Yes	Discrete
Site Wiring Fault	Wiring fault	1090	1091	Yes	Discrete
Utility Input Breaker	Circuit breaker Q1 status	1091	1092	No	Discrete
Utility Out Of Limits	Mains 1 voltage out of tolerance	1096	1097	Yes	Discrete
Check Fuse	Mains 1 fuse fault	1097	1098	No	Discrete
Charger Over Temperature	Charger over temperature fault	1098	1099	Yes	Discrete
Input Under Or Over Frequency	Mains 1 frequency out of tolerance	1099	1100	Yes	Discrete
System Not Redundant	Redundancy lost	1111	1112	Yes	Discrete
System On Maintenance Bypass	Maintenance position	1121	1122	Yes	Discrete
Bypass Utility Present	Bypass (Mains 2) available	1127	1128	Yes	Discrete
Bypass Under Or Over Frequency	Mains 2 frequency out of tolerance	1129	1130	Yes	Discrete
Bypass Breaker-Contactor	Circuit breaker Q4S status	1134	1135	No	Discrete
Check Static Switch	Internal fault	1136	1137	Yes	Discrete
Static Switch Over Temperature	Mains 2 internal fault	1145	1146	Yes	Discrete
Check Charger	Charger general fault	1168	1169	Yes	Discrete
Charger On	Battery charge	1169	1170	Yes	Discrete
Check Inverter	Inverter major fault	1217	1218	Yes	Discrete
Inverter Over Temperature Trip	Inverter thermal overload	1219	1220	No	Discrete
Inverter Output Over Current	Inverter current limitation	1220	1221	No	Discrete
Inverter Over Temperature	Inverter over temperature	1226	1227	Yes	Discrete
Output Short Circuit	Short circuit	1265	1266	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
UPS On Battery	UPS On Battery	0	1	Yes	Discrete
Vab Output	Vab Output	0	1	Yes	Register
Vbc Output	Vbc Output	1	2	Yes	Register
Vca Output	Vca Output	2	3	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	3	4	Yes	Discrete
Vab Input	Vab Input	3	4	Yes	Register
Vbc Input	Vbc Input	4	5	Yes	Register
Vca Input	Vca Input	5	6	Yes	Register
System On Bypass	System On Bypass	9	10	Yes	Discrete
Vab Bypass	Vab Bypass	9	10	Yes	Register
System Normal	System Normal	10	11	Yes	Discrete
Vbc Bypass	Vbc Bypass	10	11	Yes	Register
Vca Bypass	Vca Bypass	11	12	Yes	Register
System Output On	System Output On	15	16	Yes	Discrete
linA	linA	18	19	Yes	Register
linB	linB	19	20	Yes	Register
linC	linC	20	21	Yes	Register
Watts Out	Watts Out	21	22	Yes	Register
Watts In	Watts In	22	23	Yes	Register
VA Out	VA Out	23	24	Yes	Register
VA In	VA In	24	25	Yes	Register
Output PF	Output PF	25	26	Yes	Register
Input PF	Input PF	26	27	Yes	Register
Output Frequency	Output Frequency	27	28	Yes	Register
Input Frequency	Input Frequency	28	29	Yes	Register
Bypass Frequency	Bypass Frequency	30	31	Yes	Register
Battery Current	Battery Current	32	33	Yes	Register
Battery Voltage	Battery Voltage	33	34	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	34	35	Yes	Register
Battery Time Remaining	Battery Time Remaining	35	36	Yes	Register
Van Bypass	Van Bypass	53	54	Yes	Register
Vbn Bypass	Vbn Bypass	54	55	Yes	Register
Vcn Bypass	Vcn Bypass	55	56	Yes	Register
Van Input	Van Input	56	57	Yes	Register
Vbn Input	Vbn Input	57	58	Yes	Register
Vcn Input	Vcn Input	58	59	Yes	Register
Ambient Temperature	Ambient Temperature	62	63	Yes	Register
loutA	loutA	65	66	Yes	Register
loutB	loutB	66	67	Yes	Register
loutC	loutC	67	68	Yes	Register
Van Output	Van Output	78	79	Yes	Register
Vbn Output	Vbn Output	79	80	Yes	Register
Vcn Output	Vcn Output	80	81	Yes	Register
loutN	loutN	81	82	Yes	Register
Inverter AC Over Voltage	Inverter AC Over Voltage	143	144	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	144	145	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	145	146	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	146	147	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	147	148	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	148	149	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	149	150	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	150	151	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	151	152	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	152	153	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	153	154	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	154	155	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Remote Emergency Power Off	Remote Emergency Power Off	155	156	Yes	Discrete
Building Alarm 6	Building Alarm 6	157	158	Yes	Discrete
Building Alarm 5	Building Alarm 5	158	159	Yes	Discrete
Building Alarm 4	Building Alarm 4	159	160	Yes	Discrete
Building Alarm 3	Building Alarm 3	160	161	Yes	Discrete
Building Alarm 2	Building Alarm 2	161	162	Yes	Discrete
Building Alarm 1	Building Alarm 1	162	163	Yes	Discrete
Static Switch Over Temperature	Static Switch Over Temperature	163	164	Yes	Discrete
Charger Over Temperature	Charger Over Temperature	164	165	Yes	Discrete
Charger Tripped	Charger Tripped	165	166	Yes	Discrete
Charger Over Voltage Or Current	Charger Over Voltage Or Current	166	167	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	167	168	Yes	Discrete
Output Overload	Output Overload	168	169	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	169	170	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	170	171	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	171	172	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	172	173	Yes	Discrete
Check Rectifier	Check Rectifier	173	174	Yes	Discrete
Check Inverter	Check Inverter	174	175	Yes	Discrete
Check Battery Switchgear	Check Battery Switchgear	175	176	Yes	Discrete
Check Bypass Switchgear	Check Bypass Switchgear	176	177	Yes	Discrete
Check Charger	Check Charger	177	178	Yes	Discrete
Ramp Up Failed		178	179	No	Discrete
Check Static Switch	Check Static Switch	179	180	Yes	Discrete
Bypass Uncalibrated	Bypass Uncalibrated	181	182	Yes	Discrete
Input Uncalibrated	Input Uncalibrated	182	183	Yes	Discrete
Output Uncalibrated	Output Uncalibrated	183	184	Yes	Discrete
Inverter Uncalibrated	Inverter Uncalibrated	184	185	Yes	Discrete
DC Voltage Uncalibrated	DC Voltage Uncalibrated	185	186	Yes	Discrete
Output Current Uncalibrated	Output Current Uncalibrated	186	187	Yes	Discrete
Rectifier Current Uncalibrated	Rectifier Current Uncalibrated	187	188	Yes	Discrete
Battery Current Uncalibrated	Battery Current Uncalibrated	188	189	Yes	Discrete
Inverter On Off Stat Failure		189	190	No	Discrete
Battery Current Limit	Battery Current Limit	190	191	Yes	Discrete
Inverter Startup Failure	Inverter Startup Failure	191	192	Yes	Discrete
Check Battery Ground	Check Battery Ground	194	195	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	196	197	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	198	199	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	199	200	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	200	201	Yes	Discrete
Output Short Circuit	Output Short Circuit	201	202	Yes	Discrete
Utility Not Present	Utility Not Present	202	203	Yes	Discrete
AD Error		205	206	No	Discrete
Internal Communication Failure	Internal Communication Failure	206	207	Yes	Discrete
Rectifier Failed Self-Test	Rectifier Failed Self-Test	207	208	Yes	Discrete
Input Line Voltage Loss	Input Line Voltage Loss	210	211	Yes	Discrete
Battery Voltage High	Battery Voltage High	211	212	Yes	Discrete
Power Supply Over Temperature		212	213	No	Discrete
Check Power Supply	Check Power Supply	213	214	Yes	Discrete
Check Logic Power Supply		214	215	No	Discrete
Check Secondary Power Supply		215	216	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	216	217	Yes	Discrete
Check Heatsink Temperature Sensor		217	218	No	Discrete
Rectifier Current Over 125 Percent	Rectifier Current Over 125 Percent	218	219	Yes	Discrete
Rectifier Tripped	Rectifier Tripped	219	220	Yes	Discrete
Program Stack Error		221	222	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter Control Board Failed Self-Test	Inverter Control Board Failed Self-Test	222	223	Yes	Discrete
Inverter AD Converter Self-Test Failed		223	224	No	Discrete
RAM Device Self-Test Failure		224	225	No	Discrete
Inverter CPU Self-Test Failed		227	228	No	Discrete
Front Panel Self-Test Failure		229	230	No	Discrete
Output DC Over Voltage	Output DC Over Voltage	232	233	Yes	Discrete
Input Phase Rotation Error	Input Phase Rotation Error	233	234	Yes	Discrete
Inverter Ramp Up Test Failed		234	235	No	Discrete
Phase A Inverter Current Limit	Phase A Inverter Current Limit	245	246	Yes	Discrete
Phase B Inverter Current Limit	Phase B Inverter Current Limit	246	247	Yes	Discrete
Phase C Inverter Current Limit	Phase C Inverter Current Limit	247	248	Yes	Discrete
Indicator - Bypass Not Available	Indicator - Bypass Not Available	248	249	Yes	Discrete
Rectifier Output On	Rectifier Output On	249	250	Yes	Discrete
Battery Breaker	Battery Breaker	250	251	Yes	Discrete
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	251	252	Yes	Discrete
Bypass Breaker-Contactor	Bypass Breaker-Contactor	252	253	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	254	255	Yes	Discrete
DCUV While Charger Is Full On		259	260	No	Discrete
Inverter Voltage Bias Error		260	261	No	Discrete
Multi Phase Rotation	Multi Phase Rotation	261	262	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	262	263	Yes	Discrete
Check System Interface Board		263	264	No	Discrete
Check Parallel Board		264	265	No	Discrete
Phase A Loss Of Load Sharing		265	266	No	Discrete
Phase B Loss Of Load Sharing		266	267	No	Discrete
Phase C Loss Of Load Sharing		267	268	No	Discrete
Battery Totally Discharged	Battery Totally Discharged	269	270	Yes	Discrete
Inverter Phase Bias Error		270	271	No	Discrete
Inverter DC Bias Error		271	272	No	Discrete
Large Charger Input Current	Large Charger Input Current	273	274	Yes	Discrete
Inverter Voltage Too Low For Ramp Level		274	275	No	Discrete
System Not Redundant	System Not Redundant	275	276	Yes	Discrete
Loss Of Sync Bus		276	277	No	Discrete
Rectifier Switchgear Shunt Tripped		277	278	No	Discrete
Loss Of Charger Sync	Loss Of Charger Sync	278	279	Yes	Discrete
Inverter Low Level Test Timeout		279	280	No	Discrete
Output Switchgear Open	Output Switchgear MOB Open	280	281	Yes	Discrete
Inverter Output On	Inverter Output On	282	283	Yes	Discrete
Charger On	Charger On	283	284	Yes	Discrete
Bypass Power Loss	Bypass Power Loss	285	286	Yes	Discrete
Check Battery	Check Battery	292	293	Yes	Discrete
Check Output Switchgear	Check Output Switchgear	300	301	Yes	Discrete
Phase A Overload	Phase A Overload	302	303	Yes	Discrete
Phase B Overload	Phase B Overload	303	304	Yes	Discrete
Phase C Overload	Phase C Overload	304	305	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	305	306	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	306	307	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	307	308	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	308	309	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	309	310	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	310	311	Yes	Discrete
Check Inverter Temperature Sensor		320	321	No	Discrete
Close Bypass Switchgear	Close Bypass Switchgear	328	329	Yes	Discrete
Check Bypass	Check Bypass	331	332	Yes	Discrete
Battery Test Failed	Battery Test Failed	334	335	Yes	Discrete
Check Fuse		335	336	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Check Fan	Check Fan	336	337	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	337	338	Yes	Discrete
Check Backfeed Switchgear		338	339	No	Discrete
Battery Disconnected	Battery Disconnected	342	343	Yes	Discrete
UPS Cabinet Over Temperature		343	344	No	Discrete
Transformer Over Temperature	Transformer Over Temperature	344	345	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	345	346	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	346	347	Yes	Discrete
Cabinet Door Open		347	348	No	Discrete
Cabinet Door Open With Voltage Present		348	349	No	Discrete
Automatic Shutdown Pending		349	350	No	Discrete
Unable To Charge Battery	Unable To Charge Battery	351	352	Yes	Discrete
Startup Failed - Check EPO Reset		352	353	No	Discrete
Automatic Startup Pending		353	354	No	Discrete
Check Modem		354	355	No	Discrete
Check Input Switchgear	Check Input Switchgear	360	361	Yes	Discrete
Autocalibration Failed		362	363	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	363	364	Yes	Discrete
Inverter Output Failure		364	365	No	Discrete
Abnormal Output Voltage At Startup		365	366	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	366	367	Yes	Discrete
Configuration Error	Configuration Error	367	368	Yes	Discrete
Redundancy Loss Due To Overload		368	369	No	Discrete
System Notice Active	System Notice Active	371	372	Yes	Discrete
System Alarm Active	System Alarm Active	372	373	Yes	Discrete
Current Balance Failure		374	375	No	Discrete
Inverter Phase Rotation	Inverter Phase Rotation	381	382	Yes	Discrete
External Communication Failure		383	384	No	Discrete
Invalid Board ID		384	385	No	Discrete
Check Inverter Switchgear		385	386	No	Discrete
Output Watts Overload		386	387	No	Discrete
Check Precharge		387	388	No	Discrete
Neutral Current Limit	Neutral Current Limit	389	390	Yes	Discrete
Close Battery Switchgear	Close Battery Switchgear	390	391	Yes	Discrete
UPS On Generator	UPS On Generator	391	392	Yes	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	392	393	Yes	Discrete
Check Rectifier Temperature Sensor		393	394	No	Discrete
Phase A Rectifier Current Limit	Phase A Rectifier Current Limit	402	403	Yes	Discrete
Phase B Rectifier Current Limit	Phase B Rectifier Current Limit	403	404	Yes	Discrete
Phase C Rectifier Current Limit	Phase C Rectifier Current Limit	404	405	Yes	Discrete
Not Enough UPMs Ready		405	406	No	Discrete
Ground Fault Alarm	Ground Fault Alarm	508	509	Yes	Discrete
Call User	Call User	526	527	Yes	Discrete
Major Alarm	Major Alarm	527	528	Yes	Discrete
Schedule Service	Schedule Service	528	529	Yes	Discrete
Service Required	Service Required	529	530	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	530	531	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter AC Over Voltage	Inverter AC Over Voltage	1000	1001	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	1001	1002	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	1002	1003	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	1003	1004	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	1004	1005	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	1005	1006	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	1006	1007	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	1007	1008	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	1008	1009	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	1009	1010	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	1010	1011	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	1011	1012	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	1012	1013	Yes	Discrete
Building Alarm 6	Building Alarm 6	1014	1015	Yes	Discrete
Building Alarm 5	Building Alarm 5	1015	1016	Yes	Discrete
Building Alarm 4	Building Alarm 4	1016	1017	Yes	Discrete
Building Alarm 3	Building Alarm 3	1017	1018	Yes	Discrete
Building Alarm 2	Building Alarm 2	1018	1019	Yes	Discrete
Building Alarm 1	Building Alarm 1	1019	1020	Yes	Discrete
Static Switch Over Temperature		1020	1021	No	Discrete
Charger Over Temperature	Charger Over Temperature	1021	1022	Yes	Discrete
Charger Tripped	Charger Tripped	1022	1023	Yes	Discrete
Charger Over Voltage Or Current	Charger Over Voltage Or Current	1023	1024	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	1024	1025	Yes	Discrete
Output Overload	Output Overload	1025	1026	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	1026	1027	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	1027	1028	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	1028	1029	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	1029	1030	Yes	Discrete
Check Rectifier	Check Rectifier	1030	1031	Yes	Discrete
Check Inverter	Check Inverter	1031	1032	Yes	Discrete
Check Battery Switchgear	Check Battery Switchgear	1032	1033	Yes	Discrete
Vendor Name	Vendor Name	1032	1033	Yes	Register
Check Bypass Switchgear	Check Bypass Switchgear	1033	1034	Yes	Discrete
Check Charger	Check Charger	1034	1035	Yes	Discrete
Ramp Up Failed		1035	1036	No	Discrete
Check Static Switch	Check Static Switch	1036	1037	Yes	Discrete
Bypass Uncalibrated		1038	1039	No	Discrete
Input Uncalibrated	Input Uncalibrated	1039	1040	Yes	Discrete
Output Uncalibrated		1040	1041	No	Discrete
Inverter Uncalibrated		1041	1042	No	Discrete
DC Voltage Uncalibrated		1042	1043	No	Discrete
Output Current Uncalibrated		1043	1044	No	Discrete
Rectifier Current Uncalibrated		1044	1045	No	Discrete
Battery Current Uncalibrated	Battery Current Uncalibrated	1045	1046	Yes	Discrete
Inverter On Off Stat Failure		1046	1047	No	Discrete
Battery Current Limit	Battery Current Limit	1047	1048	Yes	Discrete
Inverter Startup Failure		1048	1049	No	Discrete
Check Battery Ground	Check Battery Ground	1051	1052	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	1053	1054	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	1055	1056	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	1056	1057	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	1057	1058	Yes	Discrete
Output Short Circuit	Output Short Circuit	1058	1059	Yes	Discrete
Utility Not Present	Utility Not Present	1059	1060	Yes	Discrete
AD Error		1061	1062	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Internal Communication Failure	Internal Communication Failure	1062	1063	Yes	Discrete
Rectifier Failed Self-Test		1063	1064	No	Discrete
Model Name	Model Name	1064	1065	Yes	Discrete
Input Line Voltage Loss	Input Line Voltage Loss	1066	1067	Yes	Discrete
Battery Voltage High	Battery Voltage High	1067	1068	Yes	Discrete
Power Supply Over Temperature		1068	1069	No	Discrete
Check Power Supply	Check Power Supply	1069	1070	Yes	Discrete
Check Logic Power Supply		1070	1071	No	Discrete
Check Secondary Power Supply		1071	1072	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	1072	1073	Yes	Discrete
Check Heatsink Temperature Sensor		1073	1074	No	Discrete
Rectifier Current Over 125 Percent	Rectifier Current Over 125 Percent	1074	1075	Yes	Discrete
Rectifier Tripped	Rectifier Tripped	1075	1076	Yes	Discrete
Program Stack Error		1077	1078	No	Discrete
Inverter Control Board Failed Self-Test		1078	1079	No	Discrete
Inverter AD Converter Self-Test Failed		1079	1080	No	Discrete
RAM Device Self-Test Failure		1080	1081	No	Discrete
Inverter CPU Self-Test Failed		1083	1084	No	Discrete
Front Panel Self-Test Failure		1085	1086	No	Discrete
Output DC Over Voltage	Output DC Over Voltage	1088	1089	Yes	Discrete
Input Phase Rotation Error	Input Phase Rotation Error	1089	1090	Yes	Discrete
Inverter Ramp Up Test Failed		1090	1091	No	Discrete
Display Name	Display Name	1096	1097	Yes	Register
Phase A Inverter Current Limit	Phase A Inverter Current Limit	1098	1099	Yes	Discrete
Phase B Inverter Current Limit	Phase B Inverter Current Limit	1099	1100	Yes	Discrete
Phase C Inverter Current Limit	Phase C Inverter Current Limit	1100	1101	Yes	Discrete
Bypass Source Out Of Tolerance	Bypass Source Out Of Tolerance	1101	1102	Yes	Discrete
Rectifier Switchgear CB1 Open	Rectifier Switchgear CB1 Open	1102	1103	Yes	Discrete
Battery Switchgear CB2 Open	Battery Switchgear CB2 Open	1103	1104	Yes	Discrete
Inverter Switchgear CB3 Open	Inverter Switchgear CB3 Open	1104	1105	Yes	Discrete
Bypass Switchgear CB4 Open	Bypass Switchgear CB4 Open	1105	1106	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	1107	1108	Yes	Discrete
DCUV While Charger Is Full On	DCUV While Charger Is Full On	1112	1113	Yes	Discrete
Inverter Voltage Bias Error		1113	1114	No	Discrete
Multi Phase Rotation	Multi Phase Rotation	1114	1115	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	1115	1116	Yes	Discrete
Check System Interface Board		1116	1117	No	Discrete
Check Parallel Board	Check Parallel Board	1117	1118	Yes	Discrete
Phase A Loss Of Load Sharing		1118	1119	No	Discrete
Phase B Loss Of Load Sharing		1119	1120	No	Discrete
Phase C Loss Of Load Sharing		1120	1121	No	Discrete
Battery Totally Discharged	Battery Totally Discharged	1122	1123	Yes	Discrete
Inverter Phase Bias Error		1123	1124	No	Discrete
Inverter DC Bias Error		1124	1125	No	Discrete
Large Charger Input Current	Large Charger Input Current	1125	1126	Yes	Discrete
Inverter Voltage Too Low For Ramp Level		1126	1127	No	Discrete
System Not Redundant	System Not Redundant	1127	1128	Yes	Discrete
Device Type	Device Type	1128	1129	Yes	Register
Loss Of Sync Bus	Loss Of Sync Bus	1128	1129	Yes	Discrete
Rectifier Switchgear Shunt Tripped		1129	1130	No	Discrete
Loss Of Charger Sync	Loss Of Charger Sync	1130	1131	Yes	Discrete
Inverter Low Level Test Timeout		1131	1132	No	Discrete
Output Switchgear Open	Output Switchgear MOB Open	1132	1133	Yes	Discrete
Bypass Power Loss	Bypass Power Loss	1133	1134	Yes	Discrete
Maintenance Bypass Mode	Maintenance Bypass Mode	1134	1135	Yes	Discrete
AD Error		1061	1062	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Check Battery	Check Battery	1137	1138	Yes	Discrete
Phase A Overload	Phase A Overload	1139	1140	Yes	Discrete
Phase B Overload	Phase B Overload	1140	1141	Yes	Discrete
Phase C Overload	Phase C Overload	1141	1142	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	1142	1143	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	1143	1144	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	1144	1145	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	1145	1146	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	1146	1147	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	1147	1148	Yes	Discrete
UPS On Battery	UPS On Battery	1148	1149	Yes	Discrete
UPS On Bypass	UPS On Bypass	1149	1150	Yes	Discrete
Check Inverter Temperature Sensor		1153	1154	No	Discrete
Check Bypass	Check Bypass	1155	1156	Yes	Discrete
Battery Test Failed	Battery Test Failed	1157	1158	No	Discrete
Check Fuse	Check Fuse	1158	1159	Yes	Discrete
Check Fan	Check Fan	1159	1160	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	1160	1161	Yes	Discrete
System Topology	System Topology	1160	1161	Yes	Register
Check Backfeed Switchgear		1161	1162	No	Discrete
Battery Disconnected	Battery Disconnected	1162	1163	Yes	Discrete
UPS Cabinet Over Temperature		1163	1164	No	Discrete
Transformer Over Temperature	Transformer Over Temperature	1164	1165	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	1165	1166	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	1166	1167	Yes	Discrete
Cabinet Door Open	Cabinet Door Open	1167	1168	Yes	Discrete
Cabinet Door Open With Voltage Present		1168	1169	No	Discrete
Automatic Shutdown Pending	Automatic Shutdown Pending	1169	1170	Yes	Discrete
Unable To Charge Battery		1171	1172	No	Discrete
Startup Failed - Check EPO Reset		1172	1173	No	Discrete
Automatic Startup Pending	Automatic Startup Pending	1173	1174	Yes	Discrete
Check Modem		1174	1175	No	Discrete
Check Input Switchgear	Check Input Switchgear	1176	1177	Yes	Discrete
Autocalibration Failed		1177	1178	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	1178	1179	Yes	Discrete
Inverter Output Failure	Inverter Output Failure	1179	1180	Yes	Discrete
Abnormal Output Voltage At Startup		1180	1181	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	1181	1182	Yes	Discrete
Configuration Error	Configuration Error	1182	1183	Yes	Discrete
Redundancy Loss Due To Overload		1183	1184	No	Discrete
System Notice Active	System Notice Active	1185	1186	Yes	Discrete
System Alarm Active	System Alarm Active	1186	1187	Yes	Discrete
Current Balance Failure		1188	1189	No	Discrete
Inverter Phase Rotation	Inverter Phase Rotation	1192	1193	Yes	Discrete
OEM Code	Device ID	1192	1193	Yes	Register
External Communication Failure	External Communication Failure	1194	1195	Yes	Discrete
Invalid Board ID		1195	1196	No	Discrete
Check Inverter Switchgear		1196	1197	No	Discrete
Output Watts Overload		1197	1198	No	Discrete
Check Precharge		1198	1199	No	Discrete
Neutral Current Limit	Neutral Current Limit	1199	1200	Yes	Discrete
Close Battery Switchgear	Close Battery Switchgear	1200	1201	Yes	Discrete
UPS On Generator	UPS On Generator	1201	1202	Yes	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	1202	1203	Yes	Discrete
Check Rectifier Temperature Sensor		1203	1204	No	Discrete
Phase A Rectifier Current Limit	Phase A Rectifier Current Limit	1205	1206	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Phase B Rectifier Current Limit	Phase B Rectifier Current Limit	1206	1207	Yes	Discrete
Phase C Rectifier Current Limit	Phase C Rectifier Current Limit	1207	1208	Yes	Discrete
Not Enough UPMs Ready		1208	1209	No	Discrete
Device GUID	Device GUID	1256	1257	Yes	Register
Serial Number	Serial Number	1276	1277	Yes	Register
Check Device Clock Synchronization Every		1347	1348	No	Register
Nominal Input Voltage	Nominal Input Voltage	1357	1358	Yes	Register
Nominal Output Voltage	Nominal Output Voltage	1359	1360	Yes	Register
Number of Phases	Number of Phases	1361	1362	Yes	Register
Parallel System	Parallel System	1362	1363	Yes	Register
Individual Load Segments	Individual Load Segments	1363	1364	Yes	Register
Topology Index		1364	1365	No	Register
Asset Identification Tag	Asset Identification Tag	1477	1478	Yes	Register
Battery Last Replaced Date	Battery Last Replaced Date	1620	1621	No	Register
Date Last Serviced		1636	1637	No	Register
Installation Date		1652	1653	No	Register
Nominal Input Frequency	Nominal Input Frequency	1669	1670	Yes	Register
Nominal Output Frequency	Nominal Output Frequency	1670	1671	Yes	Register
Low Voltage Transfer Point	Low Voltage Transfer Point	1671	1672	Yes	Register
Boost Step-Up Point	Boost Step-Up Point	1672	1673	Yes	Register
Buck Reducer Point	Buck Reducer Point	1673	1674	Yes	Register
High Voltage Transfer Point	High Voltage Transfer Point	1674	1675	Yes	Register
Low Runtime Alarm Setpoint	Low Runtime Alarm Setpoint	1675	1676	Yes	Register
Device Number	Device Number	1807	1808	Yes	Register
Input Phases	Number of input Phases	1808	1809	Yes	Register
Output Phases	Number of output Phases	1809	1810	Yes	Register
Output Current Rating	Output Current Rating	1810	1811	No	Register
System Type	System Type	1811	1812	Yes	Register
Bypass Installed	Bypass Installed	1812	1813	Yes	Register
Battery Installed	Battery Installed	1814	1815	No	Register
Distributed Parallel	Distributed Parallel	1815	1816	Yes	Register
Connected to SBM		1816	1817	No	Register
Number of Sub Devices		1817	1818	No	Register
Part Number	Part Number	2076	2077	Yes	Register
Software Version	Software Version	2108	2109	Yes	Register
Battery Test Result	Battery Test Result	2801	2802	Yes	Register
System Status	System Status	3000	3001	No	Register
Call User		3002	3003	No	Discrete
Output State	Output State	3002	3003	Yes	Register
Major Alarm	Major Alarm	3003	3004	Yes	Discrete
Power Strategy	Power Strategy	3003	3004	Yes	Register
Redundant State	Redundant State	3004	3005	Yes	Register
Schedule Service	Schedule Service	3004	3005	Yes	Discrete
Horn Status	Horn Status	3005	3006	Yes	Register
Service Required	Service Required	3005	3006	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	3006	3007	Yes	Discrete
Check Output Switchgear	Check Output Switchgear	3021	3022	No	Register
Close Bypass Switchgear	Close Bypass Switchgear	3029	3030	Yes	Register
Inverter Switchgear Status (K3)	Inverter Switchgear Status(K3)	3040	3041	Yes	Register
Rectifier Switchgear Status (K1)	Rectifier Switchgear Status(K1)	3041	3042	Yes	Register
Bypass Switchgear Status (K4)	Bypass Switchgear Status (K4)	3042	3043	Yes	Register
Battery Switchgear Status (K2)	Battery Switchgear Status(K2)	3043	3044	Yes	Register
Backfeed Switchgear Status (K5)	Backfeed Switchgear Status(K5)	3044	3045	Yes	Register
Check Output Switchgear		3083	3084	No	Discrete
Number Operating Hours	Number Operating Hours	3084	3085	Yes	Register
Ground Fault Alarm	Ground Fault Alarm	3098	3099	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
ABM Status	ABM Status	3145	3146	Yes	Register
Output Current Available	Output Current Available	3149	3150	Yes	Register
Output VA Available	Output VA Available	3151	3152	Yes	Register
Output Watts Available	Output Watts Available	3153	3154	Yes	Register
Vab Input	Vab Input	4028	4029	Yes	Register
Vbc Input	Vbc Input	4030	4031	Yes	Register
Vca Input	Vca Input	4032	4033	Yes	Register
Vab Output	Vab Output	4034	4035	Yes	Register
Vbc Output	Vbc Output	4036	4037	Yes	Register
Vca Output	Vca Output	4038	4039	Yes	Register
Van Input	Van Input	4040	4041	Yes	Register
Vbn Input	Vbn Input	4042	4043	Yes	Register
Vcn Input	Vcn Input	4044	4045	Yes	Register
Van Output	Van Output	4046	4047	Yes	Register
Vbn Output	Vbn Output	4048	4049	Yes	Register
Vcn Output	Vcn Output	4050	4051	Yes	Register
Vab Bypass	Vab Bypass	4052	4053	Yes	Register
Vbc Bypass	Vbc Bypass	4054	4055	Yes	Register
Vca Bypass	Vca Bypass	4056	4057	Yes	Register
Van Bypass	Van Bypass	4058	4059	Yes	Register
Vbn Bypass	Vbn Bypass	4060	4061	Yes	Register
Vcn Bypass	Vcn Bypass	4062	4063	Yes	Register
Battery Voltage	Battery Voltage	4377	4378	Yes	Register
linA	linA	5022	5023	Yes	Register
linB	linB	5024	5025	Yes	Register
linC	linC	5026	5027	Yes	Register
loutA	loutA	5028	5029	Yes	Register
loutB	loutB	5030	5031	Yes	Register
loutC	loutC	5032	5033	Yes	Register
loutN	loutN	5034	5035	Yes	Register
Battery Current	Battery Current	5190	5191	Yes	Register
IbypassA	IbypassA	5576	5577	Yes	Register
IbypassB	IbypassB	5578	5579	Yes	Register
IbypassC	IbypassC	5580	5581	Yes	Register
Watts In	Watts In	6022	6023	Yes	Register
Watts Out	Watts Out	6024	6025	Yes	Register
VA In	VA In	6086	6087	Yes	Register
VA Out	VA Out	6088	6089	Yes	Register
Percent Full Load	Percent Full Load	6184	6185	Yes	Register
Percent Full Load A	Percent Full Load A	6186	6187	Yes	Register
Percent Full Load B	Percent Full Load B	6188	6189	Yes	Register
Percent Full Load C	Percent Full Load C	6190	6191	Yes	Register
Output PF	Output PF	6202	6203	Yes	Register
Input PF	Input PF	6204	6205	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	7000	7001	Yes	Register
Output KW Hours	Output KW Hours	7002	7003	Yes	Register
Input KW Hours	Input KW Hours	7681	7682	No	Register
Input Demand KW		7871	7872	No	Register
Output Demand KW	Output Demand KW	7873	7874	No	Register
Input Phase A % Voltage THD	Input Phase A % Voltage THD	8042	8043	Yes	Register
Input Phase B % Voltage THD	Input Phase B % Voltage THD	8044	8045	Yes	Register
Input Phase C % Voltage THD	Input Phase C % Voltage THD	8046	8047	Yes	Register
Output Phase A % Voltage THD	Output Phase A % Voltage THD	8048	8049	Yes	Register
Output Phase B % Voltage THD	Output Phase B % Voltage THD	8050	8051	Yes	Register
Output Phase C % Voltage THD	Output Phase C % Voltage THD	8052	8053	Yes	Register
Output Frequency	Output Frequency	11002	11003	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Input Frequency	Input Frequency	11004	11005	Yes	Register
Bypass Frequency	Bypass Frequency	11008	11009	Yes	Register
Ambient Temperature	Ambient Temperature	12000	12001	Yes	Register
Battery Time Remaining	Battery Time Remaining	12206	12207	Yes	Register
Redundancy Level	RedundancyLevel	12625	12626	Yes	Register
Shutdown Imminent Time	Shutdown Imminent Time	12626	12627	Yes	Register
Bypass In Limits	Bypass In Limits	12627	12628	Yes	Register
Input In Limits	Input In Limits	12629	12630	Yes	Register
Output In Limits	Output In Limits	12630	12631	No	Register
CB1	CB1	12631	12632	Yes	Register
CB2	CB2	12632	12633	No	Register
STSW	STSW	12636	12637	Yes	Register
MBS	MBS	12638	12639	Yes	Register
K1	K1	12639	12640	Yes	Register
K2	K2	12640	12641	Yes	Register
K3	K3	12641	12642	Yes	Register
K5	K5	12643	12644	Yes	Register
Indicator - Normal	Indicator - Normal	12647	12648	Yes	Register
Indicator - Battery	Indicator - Battery	12648	12649	Yes	Register
Indicator - Bypass	Indicator - Bypass	12649	12650	Yes	Register
Indicator - Alarm	Indicator - Alarm	12650	12651	Yes	Register
System On Bypass	System On Bypass	12663	12664	Yes	Register
System On Maintenance Bypass	System On Maintenance Bypass	12664	12665	Yes	Register
System Output On	System Output On	12665	12666	Yes	Register
Battery Energized	Battery Energized	12666	12667	Yes	Register
Utility Present	Utility Present	12667	12668	Yes	Register
Rectifier Output On	Rectifier Output On	12668	12669	Yes	Register
Inverter Output On	Inverter Output On	12669	12670	Yes	Register
Charger On	Charger On	12670	12671	Yes	Register
Batteries Depleted	Batteries Depleted	12671	12672	Yes	Register
Utility Input Breaker	Utility Input Breaker	12672	12673	Yes	Register
Bypass Breaker-Contactor	Bypass Breaker-Contactor	12673	12674	Yes	Register
Static Switch	Static Switch	12674	12675	Yes	Register
Battery Breaker	Battery Breaker	12675	12676	Yes	Register
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	12676	12677	Yes	Register
System Normal	System Normal	12680	12681	Yes	Register
Indicator - Bypass Not Available	Indicator - Bypass Not Available	12683	12684	Yes	Register
Input Phase A % Current THD	Input Phase A % Current THD	12684	12685	Yes	Register
Input Phase B % Current THD	Input Phase B % Current THD	12686	12687	Yes	Register
Input Phase C % Current THD	Input Phase C % Current THD	12688	12689	Yes	Register
Output Phase A % Current THD	Output Phase A % Current THD	12690	12691	Yes	Register
Output Phase B % Current THD	Output Phase B % Current THD	12692	12693	Yes	Register
Output Phase C % Current THD	Output Phase C % Current THD	12694	12695	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	12698	12699	Yes	Register
Bypass Available	Bypass Available	12699	12700	Yes	Register
Bypass Present/Installed	Bypass Present/Installed	17010	17011	Yes	Register
System Not On Maintenance Bypass	System Not On Maintenance Bypass	17011	17012	Yes	Register
Bypass Utility Present	Bypass Utility Present	17012	17013	Yes	Register
Attached Devices		18000	18001	No	Register
Output VA Rating	Output VA Rating	18118	18119	Yes	Register
Output Watts Rating	Output Watts Rating	18120	18121	Yes	Register
Reference Number	Reference Number	18422	18423	Yes	Register
Utility Transfer Delay	Utility Transfer Delay	18488	18489	Yes	Register
Min Battery Capacity for Restart	Min Battery Capacity for restart	18489	18490	Yes	Register
Max Load for Sleep	Max Load for Sleep	18490	18491	Yes	Register
Onset Delay for Sleep	Onset Delay for Sleep	18491	18492	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Frequency Deviation Limit	Frequency Deviation Limit	18503	18504	No	Register
Phase Deviation Limit	Phase Deviation Limit	18505	18506	No	Register
Upper Ambient Temp Alarm	Upper Ambient Temp Alarm	18509	18510	Yes	Register
Switchable Status	Switchable Status	18511	18512	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
linA	Current phase 1 Mains 1	256	257	Yes	Register
linB	Current phase 2 Mains 1	257	258	Yes	Register
linC	Current phase 3 Mains 1	258	259	Yes	Register
lbyPassA	Current phase 1 Mains 2	262	263	Yes	Register
lbyPassB	Current phase 2 Mains 2	263	264	Yes	Register
lbyPassC	Current phase 3 Mains 2	264	265	Yes	Register
loutA	Current phase 1 output	265	266	Yes	Register
loutB	Current phase 2 output	266	267	Yes	Register
loutC	Current phase 3 output	267	268	Yes	Register
Battery Current	Battery Current	270	271	Yes	Register
Output Watts Rating	Nominal active power	273	274	Yes	Register
Vab Input	U12 Mains 1	277	278	Yes	Register
Vbc Input	U23 Mains 1	278	279	Yes	Register
Vca Input	U31 Mains 1	279	280	Yes	Register
Van Bypass	Voltage phase 1 Mains 2	286	287	Yes	Register
Vbn Bypass	Voltage phase 2 Mains 2	287	288	Yes	Register
Vcn Bypass	Voltage phase 3 Mains 2	288	289	Yes	Register
Vab Bypass	U12 Mains 2	289	290	Yes	Register
Vbc Bypass	U23 Mains 2	290	291	Yes	Register
Vca Bypass	U31 Mains 2	291	292	Yes	Register
Van Output	Output voltage 1N	292	293	Yes	Register
Vbn Output	Output voltage 2N	293	294	Yes	Register
Vcn Output	Output voltage 3N	294	295	Yes	Register
Vab Output	Output voltage 12	295	296	Yes	Register
Vbc Output	Output voltage 23	296	297	Yes	Register
Vca Output	Output voltage 31	297	298	Yes	Register
Battery Voltage	Battery Voltage	301	302	Yes	Register
Watts Out	Output total active power	310	311	Yes	Register
VA Out	Output total apparent power	311	312	Yes	Register
Percent Full Load	% output load level	313	314	Yes	Register
Output PF	Power factor x 100	317	318	Yes	Register
Input Frequency	Mains 1 frequency	318	319	Yes	Register
Bypass Frequency	Mains 2 frequency	320	321	Yes	Register
Output Frequency	Output frequency	321	322	Yes	Register
Battery Time Remaining	Battery backup time	329	330	Yes	Register
Battery Capacity Remaining	Battery charging level	331	332	Yes	Register
Van Input	Voltage Mains 1 phase 1	336	337	Yes	Register
Vbn Input	Voltage Mains 1 phase 2	337	338	Yes	Register
Vcn Input	Voltage Mains 1 phase 3	338	339	Yes	Register
Vendor Name	Manufacturer Name	416	417	Yes	Register
Model Name	UPS Model	432	433	Yes	Register
Serial Number	Serial Number	440	441	Yes	Register
Part Number	Part Number	448	449	Yes	Register
Reference Number	Reference Number	456	457	Yes	Register
Output VA Rating	Nominal apparent power	521	522	Yes	Register
Nominal Input Voltage	Nominal battery voltage	531	532	No	Register
System Output On	Load protected status	1024	1025	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter Output On	UPS coupled	1025	1026	Yes	Discrete
System Alarm Active	Unit general alarm	1026	1027	No	Discrete
Configuration Error	Configuration firmware fault	1027	1028	Yes	Discrete
UPS On Battery	UPS in backup status	1028	1029	Yes	Discrete
Shutdown Imminent	Low battery	1030	1031	No	Discrete
System On Bypass	Operation on static switch	1031	1032	Yes	Discrete
Internal Communication Failure	Communication fault	1033	1034	Yes	Discrete
Output Overload	UPS overload	1034	1035	Yes	Discrete
Remote Emergency Power Off	Emergency stop	1035	1036	Yes	Discrete
Battery Test Failed	Battery to be checked	1037	1038	No	Discrete
Check Fan	Device ventilation fault	1038	1039	Yes	Discrete
High Efficiency/ESS	Mode ECO = 1	1047	1048	Yes	Discrete
Battery Energized	Battery present	1056	1057	Yes	Discrete
Check Battery Switchgear	Battery fuse fault	1067	1068	No	Discrete
Battery Breaker	Circuit breaker QF1 status	1071	1072	No	Discrete
Site Wiring Fault	Wiring fault	1090	1091	Yes	Discrete
Utility Input Breaker	Circuit breaker Q1 status	1091	1092	No	Discrete
Utility Out Of Limits	Mains 1 voltage out of tolerance	1096	1097	Yes	Discrete
Check Fuse	Mains 1 fuse fault	1097	1098	No	Discrete
Charger Over Temperature	Charger over temperature fault	1098	1099	Yes	Discrete
Input Under Or Over Frequency	Mains 1 frequency out of tolerance	1099	1100	Yes	Discrete
System Not Redundant	Redundancy lost	1111	1112	Yes	Discrete
System On Maintenance Bypass	Maintenance position	1121	1122	Yes	Discrete
Bypass Utility Present	Bypass (Mains 2) available	1127	1128	Yes	Discrete
Bypass Under Or Over Frequency	Mains 2 frequency out of tolerance	1129	1130	Yes	Discrete
Bypass Breaker-Contactor	Circuit breaker Q4S status	1134	1135	Yes	Discrete
Check Static Switch	Internal fault	1136	1137	Yes	Discrete
Static Switch Over Temperature	Mains 2 internal fault	1145	1146	Yes	Discrete
Check Charger	Charger general fault	1168	1169	Yes	Discrete
Charger On	Battery charge	1169	1170	Yes	Discrete
Check Inverter	Inverter major fault	1217	1218	Yes	Discrete
Inverter Over Temperature Trip	Inverter thermal overload	1219	1220	No	Discrete
Inverter Output Over Current	Inverter current limitation	1220	1221	No	Discrete
Inverter Over Temperature	Inverter over temperature	1226	1227	Yes	Discrete
Output Short Circuit	Short circuit	1265	1266	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
UPS On Battery	UPS On Battery	0	1	Yes	Discrete
Vab Output	Vab Output	0	1	Yes	Register
Vbc Output	Vbc Output	1	2	Yes	Register
Vca Output	Vca Output	2	3	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	3	4	Yes	Discrete
Vab Input	Vab Input	3	4	Yes	Register
Vbc Input	Vbc Input	4	5	Yes	Register
Vca Input	Vca Input	5	6	Yes	Register
System On Bypass	System On Bypass	9	10	Yes	Discrete
Vab Bypass	Vab Bypass	9	10	Yes	Register
System Normal	System Normal	10	11	Yes	Discrete
Vbc Bypass	Vbc Bypass	10	11	Yes	Register
Vca Bypass	Vca Bypass	11	12	Yes	Register
System Output On	System Output On	15	16	Yes	Discrete
linA	linA	18	19	Yes	Register
linB	linB	19	20	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
linC	linC	20	21	Yes	Register
Watts Out	Watts Out	21	22	Yes	Register
Watts In	Watts In	22	23	Yes	Register
VA Out	VA Out	23	24	Yes	Register
VA In	VA In	24	25	Yes	Register
Output PF	Output PF	25	26	Yes	Register
Input PF	Input PF	26	27	Yes	Register
Output Frequency	Output Frequency	27	28	Yes	Register
Input Frequency	Input Frequency	28	29	Yes	Register
Bypass Frequency	Bypass Frequency	30	31	Yes	Register
Battery Current	Battery Current	32	33	Yes	Register
Battery Voltage	Battery Voltage	33	34	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	34	35	Yes	Register
Battery Time Remaining	Battery Time Remaining	35	36	Yes	Register
Van Bypass	Van Bypass	53	54	Yes	Register
Vbn Bypass	Vbn Bypass	54	55	Yes	Register
Vcn Bypass	Vcn Bypass	55	56	Yes	Register
Van Input	Van Input	56	57	Yes	Register
Vbn Input	Vbn Input	57	58	Yes	Register
Vcn Input	Vcn Input	58	59	Yes	Register
Ambient Temperature	Ambient Temperature	62	63	Yes	Register
IoutA	IoutA	65	66	Yes	Register
IoutB	IoutB	66	67	Yes	Register
IoutC	IoutC	67	68	Yes	Register
Van Output	Van Output	78	79	Yes	Register
Vbn Output	Vbn Output	79	80	Yes	Register
Vcn Output	Vcn Output	80	81	Yes	Register
IoutN	IoutN	81	82	Yes	Register
Inverter AC Over Voltage	Inverter AC Over Voltage	143	144	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	144	145	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	145	146	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	146	147	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	147	148	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	148	149	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	149	150	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	150	151	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	151	152	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	152	153	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	153	154	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	154	155	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	155	156	Yes	Discrete
Building Alarm 6	Building Alarm 6	157	158	Yes	Discrete
Building Alarm 5	Building Alarm 5	158	159	Yes	Discrete
Building Alarm 4	Building Alarm 4	159	160	Yes	Discrete
Building Alarm 3	Building Alarm 3	160	161	Yes	Discrete
Building Alarm 2	Building Alarm 2	161	162	Yes	Discrete
Building Alarm 1	Building Alarm 1	162	163	Yes	Discrete
Static Switch Over Temperature	Static Switch Over Temperature	163	164	Yes	Discrete
Charger Over Temperature	Charger Over Temperature	164	165	Yes	Discrete
Charger Tripped	Charger Tripped	165	166	Yes	Discrete
Charger Over Voltage Or Current	Charger Over Voltage Or Current	166	167	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	167	168	Yes	Discrete
Output Overload	Output Overload	168	169	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	169	170	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	170	171	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	171	172	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
DC Link Under Voltage	DC Link Under Voltage	172	173	Yes	Discrete
Check Rectifier	Check Rectifier	173	174	Yes	Discrete
Check Inverter	Check Inverter	174	175	Yes	Discrete
Check Battery Switchgear	Check Battery Switchgear	175	176	Yes	Discrete
Check Bypass Switchgear	Check Bypass Switchgear	176	177	Yes	Discrete
Check Charger	Check Charger	177	178	Yes	Discrete
Ramp Up Failed		178	179	No	Discrete
Check Static Switch	Check Static Switch	179	180	Yes	Discrete
Bypass Uncalibrated	Bypass Uncalibrated	181	182	Yes	Discrete
Input Uncalibrated	Input Uncalibrated	182	183	Yes	Discrete
Output Uncalibrated	Output Uncalibrated	183	184	Yes	Discrete
Inverter Uncalibrated	Inverter Uncalibrated	184	185	Yes	Discrete
DC Voltage Uncalibrated	DC Voltage Uncalibrated	185	186	Yes	Discrete
Output Current Uncalibrated	Output Current Uncalibrated	186	187	Yes	Discrete
Rectifier Current Uncalibrated	Rectifier Current Uncalibrated	187	188	Yes	Discrete
Battery Current Uncalibrated	Battery Current Uncalibrated	188	189	Yes	Discrete
Inverter On Off Stat Failure		189	190	No	Discrete
Battery Current Limit	Battery Current Limit	190	191	Yes	Discrete
Inverter Startup Failure	Inverter Startup Failure	191	192	Yes	Discrete
Check Battery Ground	Check Battery Ground	194	195	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	196	197	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	198	199	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	199	200	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	200	201	Yes	Discrete
Output Short Circuit	Output Short Circuit	201	202	Yes	Discrete
Utility Not Present	Utility Not Present	202	203	Yes	Discrete
AD Error		205	206	No	Discrete
Internal Communication Failure	Internal Communication Failure	206	207	Yes	Discrete
Rectifier Failed Self-Test	Rectifier Failed Self-Test	207	208	Yes	Discrete
Input Line Voltage Loss	Input Line Voltage Loss	210	211	Yes	Discrete
Battery Voltage High	Battery Voltage High	211	212	Yes	Discrete
Power Supply Over Temperature		212	213	No	Discrete
Check Power Supply	Check Power Supply	213	214	Yes	Discrete
Check Logic Power Supply		214	215	No	Discrete
Check Secondary Power Supply		215	216	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	216	217	Yes	Discrete
Check Heatsink Temperature Sensor		217	218	No	Discrete
Rectifier Current Over 125 Percent	Rectifier Current Over 125 Percent	218	219	Yes	Discrete
Rectifier Tripped	Rectifier Tripped	219	220	Yes	Discrete
Program Stack Error		221	222	No	Discrete
Inverter Control Board Failed Self-Test	Inverter Control Board Failed Self-Test	222	223	Yes	Discrete
Inverter AD Converter Self-Test Failed		223	224	No	Discrete
RAM Device Self-Test Failure		224	225	No	Discrete
Inverter CPU Self-Test Failed		227	228	No	Discrete
Front Panel Self-Test Failure		229	230	No	Discrete
Output DC Over Voltage	Output DC Over Voltage	232	233	Yes	Discrete
Input Phase Rotation Error	Input Phase Rotation Error	233	234	Yes	Discrete
Inverter Ramp Up Test Failed		234	235	No	Discrete
Phase A Inverter Current Limit	Phase A Inverter Current Limit	245	246	Yes	Discrete
Phase B Inverter Current Limit	Phase B Inverter Current Limit	246	247	Yes	Discrete
Phase C Inverter Current Limit	Phase C Inverter Current Limit	247	248	Yes	Discrete
Indicator - Bypass Not Available	Indicator - Bypass Not Available	248	249	Yes	Discrete
Rectifier Output On	Rectifier Output On	249	250	Yes	Discrete
Battery Breaker	Battery Breaker	250	251	Yes	Discrete
Inverter Output Breaker-Contactor	Inverter Output Breaker-Contactor	251	252	Yes	Discrete
Bypass Breaker-Contactor	Bypass Breaker-Contactor	252	253	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter Over Temperature Trip	Inverter Over Temperature Trip	254	255	Yes	Discrete
DCUV While Charger Is Full On		259	260	No	Discrete
Inverter Voltage Bias Error		260	261	No	Discrete
Multi Phase Rotation	Multi Phase Rotation	261	262	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	262	263	Yes	Discrete
Check System Interface Board		263	264	No	Discrete
Check Parallel Board		264	265	No	Discrete
Phase A Loss Of Load Sharing		265	266	No	Discrete
Phase B Loss Of Load Sharing		266	267	No	Discrete
Phase C Loss Of Load Sharing		267	268	No	Discrete
Battery Totally Discharged	Battery Totally Discharged	269	270	Yes	Discrete
Inverter Phase Bias Error		270	271	No	Discrete
Inverter DC Bias Error		271	272	No	Discrete
Large Charger Input Current	Large Charger Input Current	273	274	Yes	Discrete
Inverter Voltage Too Low For Ramp Level		274	275	No	Discrete
System Not Redundant	System Not Redundant	275	276	Yes	Discrete
Loss Of Sync Bus		276	277	No	Discrete
Rectifier Switchgear Shunt Tripped		277	278	No	Discrete
Loss Of Charger Sync	Loss Of Charger Sync	278	279	Yes	Discrete
Inverter Low Level Test Timeout		279	280	No	Discrete
Output Switchgear Open	Output Switchgear MOB Open	280	281	Yes	Discrete
Inverter Output On	Inverter Output On	282	283	Yes	Discrete
Charger On	Charger On	283	284	Yes	Discrete
Bypass Power Loss	Bypass Power Loss	285	286	Yes	Discrete
Check Battery	Check Battery	292	293	Yes	Discrete
Check Output Switchgear	Check Output Switchgear	300	301	Yes	Discrete
Phase A Overload	Phase A Overload	302	303	Yes	Discrete
Phase B Overload	Phase B Overload	303	304	Yes	Discrete
Phase C Overload	Phase C Overload	304	305	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	305	306	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	306	307	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	307	308	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	308	309	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	309	310	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	310	311	Yes	Discrete
Check Inverter Temperature Sensor		320	321	No	Discrete
Close Bypass Switchgear	Close Bypass Switchgear	328	329	Yes	Discrete
Check Bypass	Check Bypass	331	332	Yes	Discrete
Battery Test Failed	Battery Test Failed	334	335	No	Discrete
Check Fuse		335	336	No	Discrete
Check Fan	Check Fan	336	337	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	337	338	Yes	Discrete
Check Backfeed Switchgear		338	339	No	Discrete
Battery Disconnected	Battery Disconnected	342	343	Yes	Discrete
UPS Cabinet Over Temperature		343	344	No	Discrete
Transformer Over Temperature	Transformer Over Temperature	344	345	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	345	346	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	346	347	Yes	Discrete
Cabinet Door Open		347	348	No	Discrete
Cabinet Door Open With Voltage Present		348	349	No	Discrete
Automatic Shutdown Pending		349	350	No	Discrete
Unable To Charge Battery	Unable To Charge Battery	351	352	Yes	Discrete
Startup Failed - Check EPO Reset		352	353	No	Discrete
Automatic Startup Pending		353	354	No	Discrete
Check Modem		354	355	No	Discrete
Check Input Switchgear	Check Input Switchgear	360	361	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Autocalibration Failed		362	363	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	363	364	Yes	Discrete
Inverter Output Failure		364	365	No	Discrete
Abnormal Output Voltage At Startup		365	366	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	366	367	Yes	Discrete
Configuration Error	Configuration Error	367	368	Yes	Discrete
Redundancy Loss Due To Overload		368	369	No	Discrete
System Notice Active	System Notice Active	371	372	Yes	Discrete
System Alarm Active	System Alarm Active	372	373	Yes	Discrete
Current Balance Failure		374	375	No	Discrete
Inverter Phase Rotation	Inverter Phase Rotation	381	382	Yes	Discrete
External Communication Failure		383	384	No	Discrete
Invalid Board ID		384	385	No	Discrete
Check Inverter Switchgear		385	386	No	Discrete
Output Watts Overload		386	387	No	Discrete
Check Precharge		387	388	No	Discrete
Neutral Current Limit	Neutral Current Limit	389	390	Yes	Discrete
Close Battery Switchgear	Close Battery Switchgear	390	391	Yes	Discrete
UPS On Generator	UPS On Generator	391	392	Yes	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	392	393	Yes	Discrete
Check Rectifier Temperature Sensor		393	394	No	Discrete
Phase A Rectifier Current Limit	Phase A Rectifier Current Limit	402	403	Yes	Discrete
Phase B Rectifier Current Limit	Phase B Rectifier Current Limit	403	404	Yes	Discrete
Phase C Rectifier Current Limit	Phase C Rectifier Current Limit	404	405	Yes	Discrete
Not Enough UPMs Ready		405	406	No	Discrete
Ground Fault Alarm	Ground Fault Alarm	508	509	Yes	Discrete
Call User	Call User	526	527	Yes	Discrete
Major Alarm	Major Alarm	527	528	Yes	Discrete
Schedule Service	Schedule Service	528	529	Yes	Discrete
Service Required	Service Required	529	530	Yes	Discrete
Battery Voltage Extremely Low	Battery Voltage Extremely Low	530	531	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter AC Over Voltage	Inverter AC Over Voltage	1000	1001	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	1001	1002	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	1002	1003	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	1003	1004	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	1004	1005	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	1005	1006	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	1006	1007	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	1007	1008	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	1008	1009	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	1009	1010	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	1010	1011	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	1011	1012	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	1012	1013	Yes	Discrete
Building Alarm 6	Building Alarm 6	1014	1015	Yes	Discrete
Building Alarm 5	Building Alarm 5	1015	1016	Yes	Discrete
Building Alarm 4	Building Alarm 4	1016	1017	Yes	Discrete
Building Alarm 3	Building Alarm 3	1017	1018	Yes	Discrete
Building Alarm 2	Building Alarm 2	1018	1019	Yes	Discrete
Building Alarm 1	Building Alarm 1	1019	1020	Yes	Discrete
Charger Over Temperature	Charger Over Temperature	1021	1022	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter Over Temperature	Inverter Over Temperature	1024	1025	Yes	Discrete
Output Overload	Output Overload	1025	1026	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	1026	1027	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	1027	1028	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	1028	1029	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	1029	1030	Yes	Discrete
Check Rectifier	Check Rectifier	1030	1031	Yes	Discrete
Vendor Name	Vendor Name	1032	1033	Yes	Register
Check Bypass Switchgear	Check Bypass Switchgear	1033	1034	Yes	Discrete
Check Charger	Check Charger	1034	1035	Yes	Discrete
Check Static Switch	Check Static Switch	1036	1037	Yes	Discrete
Bypass Uncalibrated		1038	1039	No	Discrete
Inverter Uncalibrated		1041	1042	No	Discrete
DC Voltage Uncalibrated		1042	1043	No	Discrete
Battery Current Limit	Battery Current Limit	1047	1048	Yes	Discrete
Inverter Startup Failure		1048	1049	No	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	1053	1054	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	1055	1056	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	1056	1057	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	1057	1058	Yes	Discrete
Output Short Circuit	Output Short Circuit	1058	1059	Yes	Discrete
Utility Not Present	Utility Not Present	1059	1060	Yes	Discrete
Model Name	Model Name	1064	1065	Yes	Register
Battery Voltage High	Battery Voltage High	1067	1068	Yes	Discrete
Check Power Supply	Check Power Supply	1069	1070	Yes	Discrete
Check Logic Power Supply		1070	1071	No	Discrete
Check Secondary Power Supply		1071	1072	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	1072	1073	Yes	Discrete
Check Heatsink Temperature Sensor		1073	1074	No	Discrete
To Bypass Command		1092	1093	No	Discrete
Display Name	Display Name	1096	1097	Yes	Register
Bypass Source Out Of Tolerance	Bypass Source Out Of Tolerance	1101	1102	Yes	Discrete
Battery Switchgear CB2 Open	Battery Switchgear CB2 Open	1103	1104	Yes	Discrete
Bypass Switchgear CB4 Open	Bypass Switchgear CB4 Open	1105	1106	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	1107	1108	Yes	Discrete
Multi Phase Rotation	Multi Phase Rotation	1114	1115	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	1115	1116	Yes	Discrete
Check Parallel Board	Check Parallel Board	1117	1118	No	Discrete
System Not Redundant	System Not Redundant	1127	1128	No	Discrete
Device Type	Device Type	1128	1129	Yes	Register
Maintenance Bypass Mode	Maintenance Bypass Mode	1134	1135	No	Discrete
CPU ISR Error		1135	1136	No	Discrete
Check Battery	Check Battery	1137	1138	Yes	Discrete
Phase A Overload	Phase A Overload	1139	1140	Yes	Discrete
Phase B Overload	Phase B Overload	1140	1141	Yes	Discrete
Phase C Overload	Phase C Overload	1141	1142	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	1142	1143	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	1143	1144	Yes	Discrete
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	1144	1145	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	1145	1146	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	1146	1147	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	1147	1148	Yes	Discrete
UPS On Battery	UPS On Battery	1148	1149	Yes	Discrete
UPS On Bypass	UPS On Bypass	1149	1150	Yes	Discrete
Low Battery Shutdown		1151	1152	No	Discrete
Software Incompatibility Detected	Software Incompatibility Detected	1152	1153	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Check Bypass	Check Bypass	1155	1156	Yes	Discrete
Battery Test Failed	Battery Test Failed	1157	1158	Yes	Discrete
Check Fuse	Check Fuse	1158	1159	Yes	Discrete
Check Fan	Check Fan	1159	1160	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	1160	1161	Yes	Discrete
System Topology	System Topology	1160	1161	Yes	Register
Battery Disconnected	Battery Disconnected	1162	1163	Yes	Discrete
Transformer Over Temperature	Transformer Over Temperature	1164	1165	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	1165	1166	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	1166	1167	Yes	Discrete
Automatic Shutdown Pending	Automatic Shutdown Pending	1169	1170	Yes	Discrete
Check Modem		1174	1175	No	Discrete
Modem Call Completion Failed	Modem Call Completion Failed	1175	1176	Yes	Discrete
Autocalibration Failed		1177	1178	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	1178	1179	No	Discrete
Inverter Output Failure	Inverter Output Failure	1179	1180	No	Discrete
Abnormal Output Voltage At Startup		1180	1181	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	1181	1182	Yes	Discrete
Configuration Error	Configuration Error	1182	1183	Yes	Discrete
Redundancy Loss Due To Overload		1183	1184	No	Discrete
System Notice Active	System Notice Active	1185	1186	No	Discrete
System Alarm Active	System Alarm Active	1186	1187	No	Discrete
OEM Code	Device ID	1192	1193	No	Register
Invalid Board ID		1195	1196	No	Discrete
Check Precharge		1198	1199	No	Discrete
UPS On Generator	UPS On Generator	1201	1202	No	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	1202	1203	Yes	Discrete
Device GUID	Device GUID	1256	1257	Yes	Register
Serial Number	Serial Number	1276	1277	Yes	Register
Check Device Clock Synchronization Every		1347	1348	No	Register
Nominal Input Voltage	Nominal Input Voltage	1357	1358	Yes	Register
Nominal Output Voltage	Nominal Output Voltage	1359	1360	Yes	Register
Number of Phases	Number of Phases	1361	1362	Yes	Register
Parallel System	Parallel System	1362	1363	Yes	Register
Individual Load Segments	Individual Load Segments	1363	1364	Yes	Register
Topology Index		1364	1365	No	Register
Asset Identification Tag	Asset Identification Tag	1477	1478	Yes	Register
Battery Last Replaced Date	Battery Last Replaced Date	1620	1621	No	Register
Date Last Serviced		1636	1637	No	Register
Installation Date		1652	1653	No	Register
Nominal Input Frequency	Nominal Input Frequency	1669	1670	Yes	Register
Nominal Output Frequency	Nominal Output Frequency	1670	1671	Yes	Register
Low Voltage Transfer Point	Low Voltage Transfer Point	1671	1672	Yes	Register
Boost Step-Up Point	Boost Step-Up Point	1672	1673	Yes	Register
Buck Reducer Point	Buck Reducer Point	1673	1674	Yes	Register
High Voltage Transfer Point	High Voltage Transfer Point	1674	1675	Yes	Register
Low Runtime Alarm Setpoint	Low Runtime Alarm Setpoint	1675	1676	Yes	Register
Bypass Installed	Bypass Installed	1812	1813	Yes	Register
Part Number	Part Number	2076	2077	Yes	Register
Software Version	Software Version	2108	2109	Yes	Register
Battery Test Result	Battery Test Result	2801	2802	No	Register
System Test Result		2803	2804	No	Register
System Status	System Status	3000	3001	No	Register
Output State	Output State	3002	3003	Yes	Register
Major Alarm	Major Alarm	3003	3004	No	Discrete
Power Strategy	Power Strategy	3003	3004	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Redundant State	Redundant State	3004	3005	No	Register
Horn Status	Horn Status	3005	3006	Yes	Register
ABM Status	ABM Status	3145	3146	Yes	Register
Vab Input	Vab Input	4028	4029	Yes	Register
Vbc Input	Vbc Input	4030	4031	Yes	Register
Vca Input	Vca Input	4032	4033	Yes	Register
Vab Output	Vab Output	4034	4035	Yes	Register
Vbc Output	Vbc Output	4036	4037	Yes	Register
Vca Output	Vca Output	4038	4039	Yes	Register
Van Input	Van Input	4040	4041	Yes	Register
Vbn Input	Vbn Input	4042	4043	Yes	Register
Vcn Input	Vcn Input	4044	4045	Yes	Register
Van Output	Van Output	4046	4047	Yes	Register
Vbn Output	Vbn Output	4048	4049	Yes	Register
Vcn Output	Vcn Output	4050	4051	Yes	Register
Vab Bypass	Vab Bypass	4052	4053	Yes	Register
Vbc Bypass	Vbc Bypass	4054	4055	Yes	Register
Vca Bypass	Vca Bypass	4056	4057	Yes	Register
Van Bypass	Van Bypass	4058	4059	Yes	Register
Vbn Bypass	Vbn Bypass	4060	4061	Yes	Register
Vcn Bypass	Vcn Bypass	4062	4063	Yes	Register
Vab Inverter	Vab Inverter	4064	4065	No	Register
Vbc Inverter	Vbc Inverter	4066	4067	No	Register
Vca Inverter	Vca Inverter	4068	4069	No	Register
Battery Voltage	Battery Voltage	4377	4378	Yes	Register
Low Battery Shutdown Voltage		4379	4380	No	Register
linA	linA	5022	5023	Yes	Register
linB	linB	5024	5025	Yes	Register
linC	linC	5026	5027	Yes	Register
loutA	loutA	5028	5029	Yes	Register
loutB	loutB	5030	5031	Yes	Register
loutC	loutC	5032	5033	Yes	Register
Total Input Current Rating		5036	5037	No	Register
Battery Current	Battery Current	5190	5191	Yes	Register
Watts Out Phase A	Watts Out Phase A	6016	6017	Yes	Register
Watts Out Phase B	Watts Out Phase B	6018	6019	Yes	Register
Watts Out Phase C	Watts Out Phase C	6020	6021	Yes	Register
Watts Out	Watts Out	6024	6025	Yes	Register
VA Out	VA Out	6088	6089	Yes	Register
Percent Full Load	Percent Full Load	6184	6185	Yes	Register
Output PF	Output PF	6202	6203	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	7000	7001	Yes	Register
Output KW Hours	Output KW Hours	7002	7003	No	Register
Output Demand KW	Output Demand KW	7873	7874	No	Register
Output Frequency	Output Frequency	11002	11003	Yes	Register
Input Frequency	Input Frequency	11004	11005	Yes	Register
Inverter Frequency	Inverter Frequency	11006	11007	Yes	Register
Bypass Frequency	Bypass Frequency	11008	11009	Yes	Register
Ambient Temperature	Ambient Temperature	12000	12001	Yes	Register
Battery Time Remaining	Battery Time Remaining	12206	12207	Yes	Register
Shutdown Timer	Shutdown Timer	12218	12219	Yes	Register
Startup Timer	Startup Timer	12220	12221	Yes	Register
Line Event Counter		12400	12401	No	Register
System On Bypass	System On Bypass	12663	12664	Yes	Register
System On Maintenance Bypass	System On Maintenance Bypass	12664	12665	No	Register
Battery Energized	Battery Energized	12666	12667	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Utility Present	Utility Present	12667	12668	Yes	Register
Rectifier Output On	Rectifier Output On	12668	12669	Yes	Register
Inverter Output On	Inverter Output On	12669	12670	Yes	Register
Charger On	Charger On	12670	12671	Yes	Register
Batteries Depleted	Batteries Depleted	12671	12672	Yes	Register
Bypass Breaker-Contactor	Bypass Breaker-Contactor	12673	12674	Yes	Register
Static Switch	Static Switch	12674	12675	Yes	Register
Battery Breaker	Battery Breaker	12675	12676	Yes	Register
System Normal	System Normal	12680	12681	Yes	Register
Indicator - Bypass Not Available	Indicator - Bypass Not Available	12683	12684	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	12698	12699	Yes	Register
Bypass Present/Installed	Bypass Present/Installed	17010	17011	No	Register
System Not On Maintenance Bypass	System Not On Maintenance Bypass	17011	17012	No	Register
Bypass Utility Present	Bypass Utility Present	17012	17013	Yes	Register
Attached Devices		18000	18001	No	Register
Output VA Rating	Output VA Rating	18118	18119	Yes	Register
Output Watts Rating	Output Watts Rating	18120	18121	Yes	Register
Reference Number	Reference Number	18422	18423	Yes	Register
Utility Transfer Delay	Utility Transfer Delay	18488	18489	Yes	Register
Min Battery Capacity for Restart	Min Battery Capacity for restart	18489	18490	Yes	Register
Max Load for Sleep	Max Load for Sleep	18490	18491	Yes	Register
Onset Delay for Sleep	Onset Delay for Sleep	18491	18492	Yes	Register
Frequency Deviation Limit	Frequency Deviation Limit	18503	18504	No	Register
Phase Deviation Limit	Phase Deviation Limit	18505	18506	No	Register
Upper Ambient Temp Alarm	Upper Ambient Temp Alarm	18509	18510	Yes	Register
Switchable Status	Switchable Status	18511	18512	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
linA	Current phase 1 Mains 1	256	257	Yes	Register
linB	Current phase 2 Mains 1	257	258	Yes	Register
linC	Current phase 3 Mains 1	258	259	Yes	Register
loutA	Current phase 1 output	265	266	Yes	Register
loutB	Current phase 2 output	266	267	Yes	Register
loutC	Current phase 3 output	267	268	Yes	Register
Battery Current	Battery Current	270	271	Yes	Register
Output Watts Rating	Nominal active power	273	274	Yes	Register
Vab Input	U12 Mains 1	277	278	Yes	Register
Vbc Input	U23 Mains 1	278	279	Yes	Register
Vca Input	U31 Mains 1	279	280	Yes	Register
Van Bypass	Voltage phase 1 Mains 2	286	287	Yes	Register
Vbn Bypass	Voltage phase 2 Mains 2	287	288	Yes	Register
Vcn Bypass	Voltage phase 3 Mains 2	288	289	Yes	Register
Vab Bypass	U12 Mains 2	289	290	Yes	Register
Vbc Bypass	U23 Mains 2	290	291	Yes	Register
Vca Bypass	U31 Mains 2	291	292	Yes	Register
Van Output	Output voltage 1N	292	293	Yes	Register
Vbn Output	Output voltage 2N	293	294	Yes	Register
Vcn Output	Output voltage 3N	294	295	Yes	Register
Vab Output	Output voltage 12	295	296	Yes	Register
Vbc Output	Output voltage 23	296	297	Yes	Register
Vca Output	Output voltage 31	297	298	Yes	Register
Battery Voltage	Battery Voltage	301	302	Yes	Register
Watts Out Phase A	Output active power phase 1	304	305	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Watts Out Phase B	Output active power phase 2	305	306	Yes	Register
Watts Out Phase C	Output active power phase 3	306	307	Yes	Register
Watts Out	Output total active power	310	311	Yes	Register
VA Out	Output total apparent power	311	312	Yes	Register
Percent Full Load	% output load level	313	314	Yes	Register
Output PF	Power factor x 100	317	318	Yes	Register
Input Frequency	Mains 1 frequency	318	319	Yes	Register
Bypass Frequency	Mains 2 frequency	320	321	Yes	Register
Output Frequency	Output frequency	321	322	Yes	Register
Battery Time Remaining	Battery backup time	329	330	Yes	Register
Battery Capacity Remaining	Battery charging level	331	332	Yes	Register
Van Input	Voltage Mains 1 phase 1	336	337	Yes	Register
Vbn Input	Voltage Mains 1 phase 2	337	338	Yes	Register
Vcn Input	Voltage Mains 1 phase 3	338	339	Yes	Register
Vendor Name	Manufacturer Name	416	417	Yes	Register
Model Name	UPS Model	432	433	Yes	Register
Serial Number	Serial Number	440	441	Yes	Register
Part Number	Part Number	448	449	Yes	Register
Reference Number	Reference Number	456	457	Yes	Register
Output VA Rating	Nominal apparent power	521	522	Yes	Register
Nominal Input Voltage	Nominal battery voltage	531	532	No	Register
Inverter Output On	UPS coupled	1025	1026	Yes	Discrete
System Alarm Active	Unit general alarm	1026	1027	No	Discrete
Configuration Error	Configuration firmware fault	1027	1028	Yes	Discrete
UPS On Battery	UPS in backup status	1028	1029	Yes	Discrete
Shutdown Imminent	Low battery	1030	1031	No	Discrete
System On Bypass	Operation on static switch	1031	1032	Yes	Discrete
Output Overload	UPS overload	1034	1035	Yes	Discrete
Remote Emergency Power Off	Emergency stop	1035	1036	Yes	Discrete
Battery Test Failed	Battery to be checked	1037	1038	Yes	Discrete
Check Fan	Device ventilation fault	1038	1039	Yes	Discrete
High Efficiency/ESS	Mode ECO = 1	1047	1048	Yes	Discrete
Battery Energized	Battery present	1056	1057	Yes	Discrete
Battery Breaker	Circuit breaker QF1 status	1071	1072	Yes	Discrete
Site Wiring Fault	Wiring fault	1090	1091	Yes	Discrete
Utility Out Of Limits	Mains 1 voltage out of tolerance	1096	1097	Yes	Discrete
Check Fuse	Mains 1 fuse fault	1097	1098	No	Discrete
Charger Over Temperature	Charger over temperature fault	1098	1099	Yes	Discrete
Input Under Or Over Frequency	Mains 1 frequency out of tolerance	1099	1100	Yes	Discrete
System Not Redundant	Redundancy lost	1111	1112	No	Discrete
System On Maintenance Bypass	Maintenance position	1121	1122	No	Discrete
Bypass Utility Present	Bypass (Mains 2) available	1127	1128	Yes	Discrete
Bypass Under Or Over Frequency	Mains 2 frequency out of tolerance	1129	1130	Yes	Discrete
Bypass Breaker-Contactor	Circuit breaker Q4S status	1134	1135	No	Discrete
Check Static Switch	Internal fault	1136	1137	Yes	Discrete
Check Charger	Charger general fault	1168	1169	Yes	Discrete
Charger On	Battery charge	1169	1170	Yes	Discrete
Inverter Over Temperature Trip	Inverter thermal overload	1219	1220	No	Discrete
Inverter Output Over Current	Inverter current limitation	1220	1221	No	Discrete
Inverter Over Temperature	Inverter over temperature	1226	1227	Yes	Discrete
Output Short Circuit	Short circuit	1265	1266	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
UPS On Battery	UPS On Battery	0	1	Yes	Discrete
Vab Output	Vab Output	0	1	Yes	Register
Vbc Output	Vbc Output	1	2	Yes	Register
Vca Output	Vca Output	2	3	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	3	4	Yes	Discrete
Vab Input	Vab Input	3	4	Yes	Register
Vbc Input	Vbc Input	4	5	Yes	Register
Vca Input	Vca Input	5	6	Yes	Register
Vab Inverter		6	7	No	Register
Vbc Inverter		7	8	No	Register
Vca Inverter		8	9	No	Register
System On Bypass	System On Bypass	9	10	Yes	Discrete
Vab Bypass	Vab Bypass	9	10	Yes	Register
System Normal	System Normal	10	11	Yes	Discrete
Vbc Bypass	Vbc Bypass	10	11	Yes	Register
Vca Bypass	Vca Bypass	11	12	Yes	Register
linA	linA	18	19	Yes	Register
linB	linB	19	20	Yes	Register
linC	linC	20	21	Yes	Register
Watts Out	Watts Out	21	22	Yes	Register
VA Out	VA Out	23	24	Yes	Register
Output PF	Output PF	25	26	Yes	Register
Output Frequency	Output Frequency	27	28	Yes	Register
Input Frequency	Input Frequency	28	29	Yes	Register
Inverter Frequency		29	30	No	Register
Bypass Frequency	Bypass Frequency	30	31	Yes	Register
Battery Current	Battery Current	32	33	Yes	Register
Battery Voltage	Battery Voltage	33	34	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	34	35	Yes	Register
Battery Time Remaining	Battery Time Remaining	35	36	Yes	Register
Van Bypass	Van Bypass	53	54	Yes	Register
Vbn Bypass	Vbn Bypass	54	55	Yes	Register
Vcn Bypass	Vcn Bypass	55	56	Yes	Register
Van Input	Van Input	56	57	Yes	Register
Vbn Input	Vbn Input	57	58	Yes	Register
Vcn Input	Vcn Input	58	59	Yes	Register
Ambient Temperature	Ambient Temperature	62	63	Yes	Register
IoutA	IoutA	65	66	Yes	Register
IoutB	IoutB	66	67	Yes	Register
IoutC	IoutC	67	68	Yes	Register
Van Output	Van Output	78	79	Yes	Register
Vbn Output	Vbn Output	79	80	Yes	Register
Vcn Output	Vcn Output	80	81	Yes	Register
Watts Out Phase A		82	83	No	Register
Watts Out Phase B		83	84	No	Register
Watts Out Phase C		84	85	No	Register
Inverter AC Over Voltage	Inverter AC Over Voltage	143	144	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	144	145	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	145	146	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	146	147	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	147	148	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	148	149	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	149	150	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	150	151	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	151	152	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	152	153	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Output AC Under Voltage	Output AC Under Voltage	153	154	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	154	155	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	155	156	Yes	Discrete
Building Alarm 6	Building Alarm 6	157	158	Yes	Discrete
Building Alarm 5	Building Alarm 5	158	159	Yes	Discrete
Building Alarm 4	Building Alarm 4	159	160	Yes	Discrete
Building Alarm 3	Building Alarm 3	160	161	Yes	Discrete
Building Alarm 2	Building Alarm 2	161	162	Yes	Discrete
Building Alarm 1	Building Alarm 1	162	163	Yes	Discrete
Charger Over Temperature	Charger Over Temperature	164	165	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	167	168	Yes	Discrete
Output Overload	Output Overload	168	169	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	169	170	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	170	171	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	171	172	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	172	173	Yes	Discrete
Check Rectifier	Check Rectifier	173	174	Yes	Discrete
Check Bypass Switchgear	Check Bypass Switchgear	176	177	Yes	Discrete
Check Charger	Check Charger	177	178	Yes	Discrete
Check Static Switch	Check Static Switch	179	180	Yes	Discrete
Bypass Uncalibrated	Bypass Uncalibrated	181	182	Yes	Discrete
Inverter Uncalibrated	Inverter Uncalibrated	184	185	Yes	Discrete
DC Voltage Uncalibrated	DC Voltage Uncalibrated	185	186	Yes	Discrete
Battery Current Limit	Battery Current Limit	190	191	Yes	Discrete
Inverter Startup Failure	Inverter Startup Failure	191	192	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	196	197	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	198	199	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	199	200	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	200	201	Yes	Discrete
Output Short Circuit	Output Short Circuit	201	202	Yes	Discrete
Utility Not Present	Utility Not Present	202	203	Yes	Discrete
Battery Voltage High	Battery Voltage High	211	212	Yes	Discrete
Check Power Supply	Check Power Supply	213	214	Yes	Discrete
Check Logic Power Supply		214	215	No	Discrete
Check Secondary Power Supply		215	216	No	Discrete
Heatsink Over Temperature	Heatsink Over Temperature	216	217	Yes	Discrete
Check Heatsink Temperature Sensor		217	218	No	Discrete
To Bypass Command		237	238	No	Discrete
Indicator - Bypass Not Available	Indicator - Bypass Not Available	248	249	Yes	Discrete
Rectifier Output On	Rectifier Output On	249	250	Yes	Discrete
Battery Breaker	Battery Breaker	250	251	Yes	Discrete
Bypass Breaker-Contactor	Bypass Breaker-Contactor	252	253	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	254	255	Yes	Discrete
Multi Phase Rotation	Multi Phase Rotation	261	262	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	262	263	Yes	Discrete
Check Parallel Board		264	265	No	Discrete
System Not Redundant	System Not Redundant	275	276	No	Discrete
Inverter Output On	Inverter Output On	282	283	Yes	Discrete
Charger On	Charger On	283	284	Yes	Discrete
CPU ISR Error		289	290	No	Discrete
Check Battery	Check Battery	292	293	Yes	Discrete
Phase A Overload	Phase A Overload	302	303	Yes	Discrete
Phase B Overload	Phase B Overload	303	304	Yes	Discrete
Phase C Overload	Phase C Overload	304	305	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	305	306	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	306	307	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Phase C Overload (High Level/Level 2)	Phase C Overload (High Level/Level 2)	307	308	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	308	309	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	309	310	Yes	Discrete
Phase C Overload (Extreme Level/Level 3)	Phase C Overload (Extreme Level/Level 3)	310	311	Yes	Discrete
Low Battery Shutdown		317	318	No	Discrete
Software Incompatibility Detected		319	320	No	Discrete
Check Bypass	Check Bypass	331	332	Yes	Discrete
Battery Test Failed	Battery Test Failed	334	335	Yes	Discrete
Check Fuse		335	336	No	Discrete
Check Fan	Check Fan	336	337	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	337	338	Yes	Discrete
Battery Disconnected	Battery Disconnected	342	343	Yes	Discrete
Transformer Over Temperature	Transformer Over Temperature	344	345	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	345	346	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	346	347	Yes	Discrete
Automatic Shutdown Pending		349	350	No	Discrete
Check Modem		354	355	No	Discrete
Modem Call Completion Failed		359	360	No	Discrete
Autocalibration Failed		362	363	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	363	364	No	Discrete
Inverter Output Failure		364	365	No	Discrete
Abnormal Output Voltage At Startup		365	366	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	366	367	Yes	Discrete
Configuration Error	Configuration Error	367	368	Yes	Discrete
Redundancy Loss Due To Overload		368	369	No	Discrete
System Notice Active	System Notice Active	371	372	No	Discrete
System Alarm Active	System Alarm Active	372	373	No	Discrete
Invalid Board ID		384	385	No	Discrete
Check Precharge		387	388	No	Discrete
UPS On Generator	UPS On Generator	391	392	No	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	392	393	Yes	Discrete
Major Alarm	Major Alarm	527	528	No	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter AC Over Voltage	Inverter AC Over Voltage	1000	1001	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	1001	1002	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	1002	1003	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	1003	1004	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	1004	1005	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	1005	1006	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	1006	1007	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	1007	1008	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	1008	1009	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	1009	1010	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	1010	1011	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	1011	1012	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	1012	1013	Yes	Discrete
Building Alarm 6	Building Alarm 6	1014	1015	Yes	Discrete
Building Alarm 5	Building Alarm 5	1015	1016	Yes	Discrete
Building Alarm 4	Building Alarm 4	1016	1017	Yes	Discrete
Building Alarm 3	Building Alarm 3	1017	1018	Yes	Discrete
Building Alarm 2	Building Alarm 2	1018	1019	Yes	Discrete
Building Alarm 1	Building Alarm 1	1019	1020	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Charger Over Temperature	Charger Over Temperature	1021	1022	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	1024	1025	Yes	Discrete
Output Overload	Output Overload	1025	1026	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	1026	1027	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	1027	1028	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	1028	1029	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	1029	1030	Yes	Discrete
Check Rectifier	Check Rectifier	1030	1031	Yes	Discrete
Vendor Name	Vendor Name	1032	1033	Yes	Discrete
Check Bypass Switchgear	Check Bypass Switchgear	1033	1034	Yes	Discrete
Check Charger	Check Charger	1034	1035	Yes	Discrete
Check Static Switch	Check Static Switch	1036	1037	Yes	Discrete
Bypass Uncalibrated		1038	1039	No	Discrete
Inverter Uncalibrated		1041	1042	No	Discrete
DC Voltage Uncalibrated		1042	1043	No	Discrete
Battery Current Limit	Battery Current Limit	1047	1048	Yes	Discrete
Inverter Startup Failure		1048	1049	No	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	1053	1054	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	1055	1056	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	1056	1057	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	1057	1058	Yes	Discrete
Output Short Circuit	Output Short Circuit	1058	1059	Yes	Discrete
Utility Not Present	Utility Not Present	1059	1060	Yes	Discrete
Model Name	Model Name	1064	1065	Yes	Register
Battery Voltage High	Battery Voltage High	1067	1068	Yes	Discrete
Check Power Supply	Check Power Supply	1069	1070	Yes	Discrete
Check Logic Power Supply		1070	1071	No	Discrete
Check Secondary Power Supply		1071	1072	No	Discrete
Check Heatsink Temperature Sensor		1073	1074	No	Discrete
To Bypass Command		1092	1093	No	Discrete
Display Name	Display Name	1096	1097	Yes	Register
Bypass Source Out Of Tolerance	Bypass Source Out Of Tolerance	1101	1102	Yes	Discrete
Battery Switchgear CB2 Open	Battery Switchgear CB2 Open	1103	1104	Yes	Discrete
Bypass Switchgear CB4 Open	Bypass Switchgear CB4 Open	1105	1106	Yes	Discrete
Inverter Over Temperature Trip	Inverter Over Temperature Trip	1107	1108	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	1115	1116	Yes	Discrete
Check Parallel Board	Check Parallel Board	1117	1118	No	Discrete
System Not Redundant	System Not Redundant	1127	1128	No	Discrete
Device Type	Device Type	1128	1129	Yes	Register
Maintenance Bypass Mode	Maintenance Bypass Mode	1134	1135	No	Discrete
CPU ISR Error		1135	1136	No	Discrete
Check Battery	Check Battery	1137	1138	Yes	Discrete
Phase A Overload	Phase A Overload	1139	1140	Yes	Discrete
Phase B Overload	Phase B Overload	1140	1141	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	1142	1143	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	1143	1144	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	1145	1146	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	1146	1147	Yes	Discrete
UPS On Battery	UPS On Battery	1148	1149	Yes	Discrete
UPS On Bypass	UPS On Bypass	1149	1150	Yes	Discrete
Low Battery Shutdown		1151	1152	No	Discrete
Software Incompatibility Detected	Software Incompatibility Detected	1152	1153	Yes	Discrete
Check Bypass	Check Bypass	1155	1156	Yes	Discrete
Battery Test Failed	Battery Test Failed	1157	1158	Yes	Discrete
Check Fuse	Check Fuse	1158	1159	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Check Fan	Check Fan	1159	1160	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	1160	1161	Yes	Discrete
System Topology	System Topology	1160	1161	Yes	Register
Battery Disconnected	Battery Disconnected	1162	1163	Yes	Discrete
Transformer Over Temperature	Transformer Over Temperature	1164	1165	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	1165	1166	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	1166	1167	Yes	Discrete
Automatic Shutdown Pending	Automatic Shutdown Pending	1169	1170	Yes	Discrete
Check Modem		1174	1175	No	Discrete
Modem Call Completion Failed	Modem Call Completion Failed	1175	1176	Yes	Discrete
Autocalibration Failed		1177	1178	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	1178	1179	No	Discrete
Inverter Output Failure	Inverter Output Failure	1179	1180	No	Discrete
Abnormal Output Voltage At Startup		1180	1181	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	1181	1182	Yes	Discrete
Configuration Error	Configuration Error	1182	1183	Yes	Discrete
Redundancy Loss Due To Overload		1183	1184	No	Discrete
System Notice Active	System Notice Active	1185	1186	No	Discrete
System Alarm Active	System Alarm Active	1186	1187	No	Discrete
OEM Code	Device ID	1192	1193	No	Register
Invalid Board ID		1195	1196	No	Discrete
Check Precharge		1198	1199	No	Discrete
UPS On Generator	UPS On Generator	1201	1202	No	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	1202	1203	Yes	Discrete
Device GUID	Device GUID	1256	1257	Yes	Register
Serial Number	Serial Number	1276	1277	Yes	Register
Check Device Clock Synchronization Every		1347	1348	No	Register
Nominal Input Voltage	Nominal Input Voltage	1357	1358	Yes	Register
Nominal Output Voltage	Nominal Output Voltage	1359	1360	Yes	Register
Number of Phases	Number of Phases	1361	1362	Yes	Register
Parallel System	Parallel System	1362	1363	Yes	Register
Individual Load Segments	Individual Load Segments	1363	1364	Yes	Register
Topology Index		1364	1365	No	Register
Asset Identification Tag	Asset Identification Tag	1477	1478	Yes	Register
Battery Last Replaced Date	Battery Last Replaced Date	1620	1621	No	Register
Date Last Serviced		1636	1637	No	Register
Installation Date		1652	1653	No	Register
Nominal Input Frequency	Nominal Input Frequency	1669	1670	Yes	Register
Nominal Output Frequency	Nominal Output Frequency	1670	1671	Yes	Register
Low Voltage Transfer Point	Low Voltage Transfer Point	1671	1672	Yes	Register
Boost Step-Up Point	Boost Step-Up Point	1672	1673	Yes	Register
Buck Reducer Point	Buck Reducer Point	1673	1674	Yes	Register
High Voltage Transfer Point	High Voltage Transfer Point	1674	1675	Yes	Register
Low Runtime Alarm Setpoint	Low Runtime Alarm Setpoint	1675	1676	Yes	Register
Bypass Installed	Bypass Installed	1812	1813	Yes	Register
Part Number	Part Number	2076	2077	Yes	Register
Software Version	Software Version	2108	2109	Yes	Register
Battery Test Result	Battery Test Result	2801	2802	No	Register
System Test Result		2803	2804	No	Register
System Status	System Status	3000	3001	No	Register
Output State	Output State	3002	3003	Yes	Register
Major Alarm	Major Alarm	3003	3004	No	Discrete
Power Strategy	Power Strategy	3003	3004	Yes	Register
Redundant State	Redundant State	3004	3005	No	Register
Horn Status	Horn Status	3005	3006	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
ABM Status	ABM Status	3145	3146	Yes	Register
Vab Input	Vab Input	4028	4029	Yes	Register
Vab Output	Vab Output	4034	4035	Yes	Register
Van Input	Van Input	4040	4041	Yes	Register
Vbn Input	Vbn Input	4042	4043	Yes	Register
Van Output	Van Output	4046	4047	Yes	Register
Vbn Output	Vbn Output	4048	4049	Yes	Register
Vab Bypass	Vab Bypass	4052	4053	Yes	Register
Van Bypass	Van Bypass	4058	4059	Yes	Register
Vbn Bypass	Vbn Bypass	4060	4061	Yes	Register
Vab Inverter	Vab Inverter	4064	4065	No	Register
Battery Voltage	Battery Voltage	4377	4378	Yes	Register
Low Battery Shutdown Voltage		4379	4380	No	Register
linA	linA	5022	5023	Yes	Register
linB	linB	5024	5025	Yes	Register
loutA	loutA	5028	5029	Yes	Register
loutB	loutB	5030	5031	Yes	Register
Total Input Current Rating		5036	5037	No	Register
Battery Current	Battery Current	5190	5191	Yes	Register
Watts Out Phase A	Watts Out Phase A	6016	6017	Yes	Register
Watts Out Phase B	Watts Out Phase B	6018	6019	Yes	Register
Watts Out	Watts Out	6024	6025	Yes	Register
VA Out	VA Out	6088	6089	Yes	Register
Percent Full Load	Percent Full Load	6184	6185	Yes	Register
Output PF	Output PF	6202	6203	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	7000	7001	Yes	Register
Output KW Hours	Output KW Hours	7002	7003	No	Register
Output Demand KW	Output Demand KW	7873	7874	No	Register
Output Frequency	Output Frequency	11002	11003	Yes	Register
Input Frequency	Input Frequency	11004	11005	Yes	Register
Inverter Frequency	Inverter Frequency	11006	11007	Yes	Register
Bypass Frequency	Bypass Frequency	11008	11009	Yes	Register
Ambient Temperature	Ambient Temperature	12000	12001	Yes	Register
Battery Time Remaining	Battery Time Remaining	12206	12207	Yes	Register
Shutdown Timer	Shutdown Timer	12218	12219	Yes	Register
Startup Timer	Startup Timer	12220	12221	Yes	Register
Line Event Counter		12400	12401	No	Register
System On Bypass	System On Bypass	12663	12664	Yes	Register
System On Maintenance Bypass	System On Maintenance Bypass	12664	12665	No	Register
Battery Energized	Battery Energized	12666	12667	Yes	Register
Utility Present	Utility Present	12667	12668	Yes	Register
Rectifier Output On	Rectifier Output On	12668	12669	Yes	Register
Inverter Output On	Inverter Output On	12669	12670	Yes	Register
Charger On	Charger On	12670	12671	Yes	Register
Batteries Depleted	Batteries Depleted	12671	12672	Yes	Register
Bypass Breaker-Contactor	Bypass Breaker-Contactor	12673	12674	Yes	Register
Static Switch	Static Switch	12674	12675	Yes	Register
Battery Breaker	Battery Breaker	12675	12676	Yes	Register
System Normal	System Normal	12680	12681	Yes	Register
Indicator - Bypass Not Available	Indicator - Bypass Not Available	12683	12684	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	12698	12699	Yes	Register
Bypass Present/Installed	Bypass Present/Installed	17010	17011	No	Register
System Not On Maintenance Bypass	System Not On Maintenance Bypass	17011	17012	No	Register
Bypass Utility Present	Bypass Utility Present	17012	17013	Yes	Register
Attached Devices		18000	18001	No	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Output VA Rating	Output VA Rating	18118	18119	Yes	Register
Output Watts Rating	Output Watts Rating	18120	18121	Yes	Register
Reference Number	Reference Number	18422	18423	Yes	Register
Utility Transfer Delay	Utility Transfer Delay	18488	18489	Yes	Register
Min Battery Capacity for Restart	Min Battery Capacity for restart	18489	18490	Yes	Register
Max Load for Sleep	Max Load for Sleep	18490	18491	Yes	Register
Onset Delay for Sleep	Onset Delay for Sleep	18491	18492	Yes	Register
Frequency Deviation Limit	Frequency Deviation Limit	18503	18504	No	Register
Phase Deviation Limit	Phase Deviation Limit	18505	18506	No	Register
Upper Ambient Temp Alarm	Upper Ambient Temp Alarm	18509	18510	Yes	Register
Switchable Status	Switchable Status	18511	18512	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
linA	Current phase 1 Mains 1	256	257	Yes	Register
linB	Current phase 2 Mains 1	257	258	Yes	Register
loutA	Current phase 1 output	265	266	Yes	Register
loutB	Current phase 2 output	266	267	Yes	Register
Battery Current	Battery Current	270	271	Yes	Register
Output Watts Rating	Nominal active power	273	274	Yes	Register
Vab Input	U12 Mains 1	277	278	Yes	Register
Van Bypass	Voltage phase 1 Mains 2	286	287	Yes	Register
Vbn Bypass	Voltage phase 2 Mains 2	287	288	Yes	Register
Vab Bypass	U12 Mains 2	289	290	Yes	Register
Van Output	Output voltage 1N	292	293	Yes	Register
Vbn Output	Output voltage 2N	293	294	Yes	Register
Vab Output	Output voltage 12	295	296	Yes	Register
Battery Voltage	Battery Voltage	301	302	Yes	Register
Watts Out Phase A	Output active power phase 1	304	305	Yes	Register
Watts Out Phase B	Output active power phase 2	305	306	Yes	Register
Watts Out	Output total active power	310	311	Yes	Register
VA Out	Output total apparent power	311	312	Yes	Register
Percent Full Load	% output load level	313	314	Yes	Register
Output PF	Power factor x 100	317	318	Yes	Register
Input Frequency	Mains 1 frequency	318	319	Yes	Register
Bypass Frequency	Mains 2 frequency	320	321	Yes	Register
Output Frequency	Output frequency	321	322	Yes	Register
Battery Time Remaining	Battery backup time	329	330	Yes	Register
Battery Capacity Remaining	Battery charging level	331	332	Yes	Register
Van Input	Voltage Mains 1 phase 1	336	337	Yes	Register
Vbn Input	Voltage Mains 1 phase 2	337	338	Yes	Register
Vendor Name	Manufacturer Name	416	417	Yes	Register
Model Name	UPS Model	432	433	Yes	Register
Serial Number	Serial Number	440	441	Yes	Register
Part Number	Part Number	448	449	Yes	Register
Reference Number	Reference Number	456	457	Yes	Register
Output VA Rating	Nominal apparent power	521	522	Yes	Register
Nominal Input Voltage	Nominal battery voltage	531	532	No	Register
Inverter Output On	UPS coupled	1025	1026	Yes	Discrete
System Alarm Active	Unit general alarm	1026	1027	No	Discrete
Configuration Error	Configuration firmware fault	1027	1028	Yes	Discrete
UPS On Battery	UPS in backup status	1028	1029	Yes	Discrete
Shutdown Imminent	Low battery	1030	1031	No	Discrete
System On Bypass	Operation on static switch	1031	1032	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Output Overload	UPS overload	1034	1035	Yes	Discrete
Remote Emergency Power Off	Emergency stop	1035	1036	Yes	Discrete
Battery Test Failed	Battery to be checked	1037	1038	Yes	Discrete
Check Fan	Device ventilation fault	1038	1039	Yes	Discrete
High Efficiency/ESS	Mode ECO = 1	1047	1048	Yes	Discrete
Battery Energized	Battery present	1056	1057	Yes	Discrete
Battery Breaker	Circuit breaker QF1 status	1071	1072	Yes	Discrete
Site Wiring Fault	Wiring fault	1090	1091	Yes	Discrete
Utility Out Of Limits	Mains 1 voltage out of tolerance	1096	1097	Yes	Discrete
Check Fuse	Mains 1 fuse fault	1097	1098	No	Discrete
Charger Over Temperature	Charger over temperature fault	1098	1099	Yes	Discrete
Input Under Or Over Frequency	Mains 1 frequency out of tolerance	1099	1100	Yes	Discrete
System Not Redundant	Redundancy lost	1111	1112	No	Discrete
System On Maintenance Bypass	Maintenance position	1121	1122	No	Discrete
Bypass Utility Present	Bypass (Mains 2) available	1127	1128	Yes	Discrete
Bypass Under Or Over Frequency	Mains 2 frequency out of tolerance	1129	1130	Yes	Discrete
Bypass Breaker-Contactor	Circuit breaker Q4S status	1134	1135	No	Discrete
Check Static Switch	Internal fault	1136	1137	Yes	Discrete
Check Charger	Charger general fault	1168	1169	Yes	Discrete
Charger On	Battery charge	1169	1170	Yes	Discrete
Inverter Over Temperature Trip	Inverter thermal overload	1219	1220	No	Discrete
Inverter Output Over Current	Inverter current limitation	1220	1221	No	Discrete
Inverter Over Temperature	Inverter over temperature	1226	1227	Yes	Discrete
Output Short Circuit	Short circuit	1265	1266	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
UPS On Battery	UPS On Battery	0	1	Yes	Discrete
Vab Output	Vab Output	0	1	Yes	Register
High Efficiency/ESS	High Efficiency/ESS	3	4	Yes	Discrete
Vab Input	Vab Input	3	4	Yes	Register
Vab Inverter		6	7	No	Register
System On Bypass	System On Bypass	9	10	Yes	Discrete
Vab Bypass	Vab Bypass	9	10	Yes	Register
System Normal	System Normal	10	11	Yes	Discrete
linA	linA	18	19	Yes	Register
linB	linB	19	20	Yes	Register
Watts Out	Watts Out	21	22	Yes	Register
VA Out	VA Out	23	24	Yes	Register
Output PF	Output PF	25	26	Yes	Register
Output Frequency	Output Frequency	27	28	Yes	Register
Input Frequency	Input Frequency	28	29	Yes	Register
Inverter Frequency		29	30	No	Register
Bypass Frequency	Bypass Frequency	30	31	Yes	Register
Battery Current	Battery Current	32	33	Yes	Register
Battery Voltage	Battery Voltage	33	34	Yes	Register
Battery Capacity Remaining	Battery Capacity Remaining	34	35	Yes	Register
Battery Time Remaining	Battery Time Remaining	35	36	Yes	Register
Van Bypass	Van Bypass	53	54	Yes	Register
Vbn Bypass	Vbn Bypass	54	55	Yes	Register
Van Input	Van Input	56	57	Yes	Register
Vbn Input	Vbn Input	57	58	Yes	Register
Ambient Temperature	Ambient Temperature	62	63	Yes	Register
IoutA	IoutA	65	66	Yes	Register

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
IoutB	IoutB	66	67	Yes	Register
Van Output	Van Output	78	79	Yes	Register
Vbn Output	Vbn Output	79	80	Yes	Register
Watts Out Phase A		82	83	No	Register
Watts Out Phase B		83	84	No	Register
Inverter AC Over Voltage	Inverter AC Over Voltage	143	144	Yes	Discrete
Inverter AC Under Voltage	Inverter AC Under Voltage	144	145	Yes	Discrete
Inverter Under Or Over Frequency	Inverter Under Or Over Frequency	145	146	Yes	Discrete
Bypass AC Over Voltage	Bypass AC Over Voltage	146	147	Yes	Discrete
Bypass AC Under Voltage	Bypass AC Under Voltage	147	148	Yes	Discrete
Bypass Under Or Over Frequency	Bypass Under Or Over Frequency	148	149	Yes	Discrete
Input AC Over Voltage	Input AC Over Voltage	149	150	Yes	Discrete
Input AC Under Voltage	Input AC Under Voltage	150	151	Yes	Discrete
Input Under Or Over Frequency	Input Under Or Over Frequency	151	152	Yes	Discrete
Output AC Over Voltage	Output AC Over Voltage	152	153	Yes	Discrete
Output AC Under Voltage	Output AC Under Voltage	153	154	Yes	Discrete
Output Under Or Over Frequency	Output Under Or Over Frequency	154	155	Yes	Discrete
Remote Emergency Power Off	Remote Emergency Power Off	155	156	Yes	Discrete
Building Alarm 6	Building Alarm 6	157	158	Yes	Discrete
Building Alarm 5	Building Alarm 5	158	159	Yes	Discrete
Building Alarm 4	Building Alarm 4	159	160	Yes	Discrete
Building Alarm 3	Building Alarm 3	160	161	Yes	Discrete
Building Alarm 2	Building Alarm 2	161	162	Yes	Discrete
Building Alarm 1	Building Alarm 1	162	163	Yes	Discrete
Charger Over Temperature	Charger Over Temperature	164	165	Yes	Discrete
Inverter Over Temperature	Inverter Over Temperature	167	168	Yes	Discrete
Output Overload	Output Overload	168	169	Yes	Discrete
Rectifier Input Over Current	Rectifier Input Over Current	169	170	Yes	Discrete
Inverter Output Over Current	Inverter Output Over Current	170	171	Yes	Discrete
DC Link Over Voltage	DC Link Over Voltage	171	172	Yes	Discrete
DC Link Under Voltage	DC Link Under Voltage	172	173	Yes	Discrete
Check Rectifier	Check Rectifier	173	174	Yes	Discrete
Check Bypass Switchgear	Check Bypass Switchgear	176	177	Yes	Discrete
Check Charger	Check Charger	177	178	Yes	Discrete
Check Static Switch	Check Static Switch	179	180	Yes	Discrete
Bypass Uncalibrated	Bypass Uncalibrated	181	182	Yes	Discrete
Inverter Uncalibrated	Inverter Uncalibrated	184	185	Yes	Discrete
DC Voltage Uncalibrated	DC Voltage Uncalibrated	185	186	Yes	Discrete
Battery Current Limit	Battery Current Limit	190	191	Yes	Discrete
Inverter Startup Failure	Inverter Startup Failure	191	192	Yes	Discrete
Non-Volatile Memory Failure	Non-Volatile Memory Failure	196	197	Yes	Discrete
Shutdown Imminent	Shutdown Imminent	198	199	Yes	Discrete
Battery Voltage Low	Battery Voltage Low	199	200	Yes	Discrete
Utility Out Of Limits	Utility Out Of Limits	200	201	Yes	Discrete
Output Short Circuit	Output Short Circuit	201	202	Yes	Discrete
Utility Not Present	Utility Not Present	202	203	Yes	Discrete
Battery Voltage High	Battery Voltage High	211	212	Yes	Discrete
Check Power Supply	Check Power Supply	213	214	Yes	Discrete
Check Logic Power Supply		214	215	No	Discrete
Check Secondary Power Supply		215	216	No	Discrete
Check Heatsink Temperature Sensor		217	218	No	Discrete
To Bypass Command		237	238	No	Discrete
Indicator - Bypass Not Available	Indicator - Bypass Not Available	248	249	Yes	Discrete
Rectifier Output On	Rectifier Output On	249	250	Yes	Discrete
Battery Breaker	Battery Breaker	250	251	Yes	Discrete
Bypass Breaker-Contactor	Bypass Breaker-Contactor	252	253	Yes	Discrete

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Power Xpert Gateway UPS X-Slot Card (PXGXUPS) Display Name	Gigabit Industrial Gateway X2 Card (INDGW-X2) Display Name	0 based address	1 based address	INDGW-X2 supported	Type
Inverter Over Temperature Trip	Inverter Over Temperature Trip	254	255	Yes	Discrete
Bypass Phase Rotation	Bypass Phase Rotation	262	263	Yes	Discrete
Check Parallel Board		264	265	No	Discrete
System Not Redundant	System Not Redundant	275	276	No	Discrete
Inverter Output On	Inverter Output On	282	283	Yes	Discrete
Charger On	Charger On	283	284	Yes	Discrete
CPU ISR Error		289	290	No	Discrete
Check Battery	Check Battery	292	293	Yes	Discrete
Phase A Overload	Phase A Overload	302	303	Yes	Discrete
Phase B Overload	Phase B Overload	303	304	Yes	Discrete
Phase A Overload (High Level/Level 2)	Phase A Overload (High Level/Level 2)	305	306	Yes	Discrete
Phase B Overload (High Level/Level 2)	Phase B Overload (High Level/Level 2)	306	307	Yes	Discrete
Phase A Overload (Extreme Level/Level 3)	Phase A Overload (Extreme Level/Level 3)	308	309	Yes	Discrete
Phase B Overload (Extreme Level/Level 3)	Phase B Overload (Extreme Level/Level 3)	309	310	Yes	Discrete
Low Battery Shutdown		317	318	No	Discrete
Software Incompatibility Detected		319	320	No	Discrete
Check Bypass	Check Bypass	331	332	Yes	Discrete
Battery Test Failed	Battery Test Failed	334	335	Yes	Discrete
Check Fuse		335	336	No	Discrete
Check Fan	Check Fan	336	337	Yes	Discrete
Site Wiring Fault	Site Wiring Fault	337	338	Yes	Discrete
Battery Disconnected	Battery Disconnected	342	343	Yes	Discrete
Transformer Over Temperature	Transformer Over Temperature	344	345	Yes	Discrete
Ambient Under Temperature	Ambient Under Temperature	345	346	Yes	Discrete
Ambient Over Temperature	Ambient Over Temperature	346	347	Yes	Discrete
Automatic Shutdown Pending		349	350	No	Discrete
Check Modem		354	355	No	Discrete
Modem Call Completion Failed		359	360	No	Discrete
Autocalibration Failed		362	363	No	Discrete
Selective Trip Of Module	Selective Trip Of Module	363	364	No	Discrete
Inverter Output Failure		364	365	No	Discrete
Abnormal Output Voltage At Startup		365	366	No	Discrete
Rectifier Over Temperature	Rectifier Over Temperature	366	367	Yes	Discrete
Configuration Error	Configuration Error	367	368	Yes	Discrete
Redundancy Loss Due To Overload		368	369	No	Discrete
System Notice Active	System Notice Active	371	372	No	Discrete
System Alarm Active	System Alarm Active	372	373	No	Discrete
Invalid Board ID		384	385	No	Discrete
Check Precharge		387	388	No	Discrete
UPS On Generator	UPS On Generator	391	392	No	Discrete
Rectifier Over Temperature Trip	Rectifier Over Temperature Trip	392	393	Yes	Discrete
Major Alarm	Major Alarm	527	528	No	Discrete

For more information, please visit
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 Printed in USA
 Pub. No. PS152001EN / GG
 January 2022

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