

# POWERVAR - Xcela™ Analyzer System Protection

## GLOBAL POWER INTERFACE SERIES 1



- The POWERVAR Global Power Interface (GPI) Series 1 Power Conditioners incorporate a low impedance isolation transformer, as well as a surge diverter and power line filter to eliminate noise, spikes and transients before they have a chance to damage your equipment. You can count on receiving clean, conditioned power with these power conditioners even when the quality of the local AC supply is unpredictable.
- Clean power helps keep your equipment operating smoothly, which in turn reduces the number of service calls to remote locations. Wherever in the world your plant is located you'll save time, spare parts inventory and field service calls with the PowerVar GPI Series 1 Power Conditioner.
- Models have selectable input voltages of 100, 120, 208 or 240 volts with a fixed output of voltage of 120 volts. All models are safety-agency listed and carry the CE mark.
- Product sizes range from 500 VA to 1500 VA
  - Let through voltage is less than 10 volts normal mode and less than 0.5 volts neutral-to-ground when tested to ANSI/IEEE C62.41
  - NEMA-1 enclosure
  - Five-year warranty

	Rack Power Conditioner 500VA	Rack Power Conditioner 1000VA	Rack Power Conditioner 1500VA
<b>VA Rating</b>	500	1000	1500
<b>Frequency</b>	50/60 Hz	50/60 Hz	50/60 Hz
<b>BTU/Hr. Output</b>	85	137	185
<b>T.H.D. % Added</b>	<1%	<1%	<1%
<b>Load Surge Current @</b>			
<b>1/2 cycle</b>	100 amps	162 amps	170 amps
<b>1 second</b>	48 amps	78 amps	85 amps
<b>10 seconds</b>	14 amps	23 amps	28 amps
<b>Input Voltage</b>	Selectable 100/120/208/240	Selectable 100/120/208/240	Selectable 100/120/208/240
<b>Output Voltage</b>	120	120	120
<b>Output Current</b>	4.2 amps	8.3 amps	12.5 amps
<b>Efficiency</b>	95%	96%	96%
<b>Voltage Drop No Load to Full Load</b>	7.20%	5.20%	5.20%
<b>Rack mountable</b>	Yes	Yes	Yes
<b>Compliance</b>	CE RoHS	CE RoHS	CE RoHS
<b>Shipping Weight (lbs.)</b>	31	44	74

**NOISE REJECTION-ISOLATION:** WITH UNIT UNDER POWER AND AN ANSI/IEEE C62.41CAT. A PULSE APPLIED EITHER NORMAL OR COMMON MODE AT THE INPUT, THE NOISE OUTPUT VOLTAGE WILL BE LESS THAN 10V NORMAL MODE AND LESS THAN 0.5V COMMON MODE IN ALL FOUR QUADRANTS (CM-NM, NM-NM, CM-CM, NM-CM).

**SURGE VOLTAGE WITHSTAND CAPABILITY:** TESTED UNDER POWER TO ANSI/IEEE C62.41 CAT. A & B (FORMERLY IEEE587-1980). CAT. A - 6000V @ 200 AMPS, 0.5 USEC RISE TIME, 100 KHZ DECAY, CAT. B - 6000V @ 500 AMPS, 0.5 USEC RISE TIME, 100 KHZ DECAY.



ISO / IEC 17025:2005 Accredited Laboratory

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