

AETES

XPR | AC / 110VDC Converter

Power Boost of >150% for 10 sec
Designed for Utility Systems
5 Years Warranty

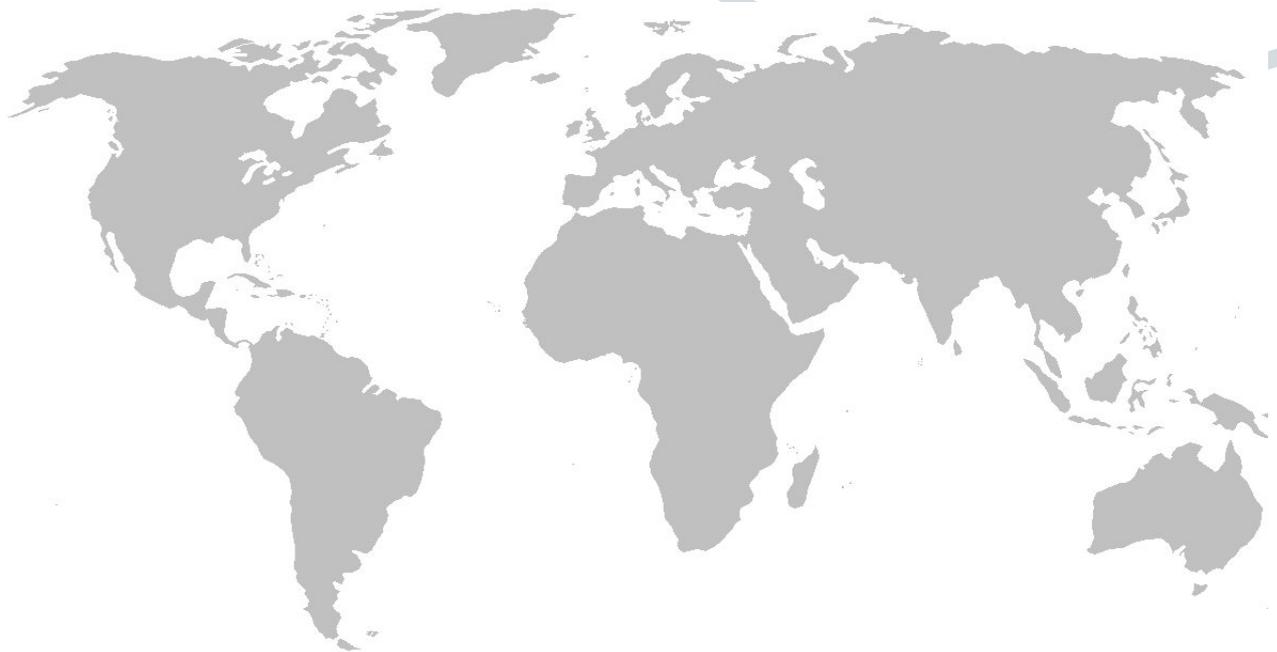


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Specification

ITEMS	MODEL	XPR-1P3-110-3K3	XPR-1P3-110-5K5
Output Voltage		110VDC	
Max. Output Current (DC)		30A (3300 Watt)	50A (5500 Watt)
Output Power Reserve (>200VAC)		45A (5000 Watt) for 10 sec. at <25°C	80A (9000 Watt) for 10 sec. at <25°C
Input Voltage Range		100V.../240V AC (86V...264V) 50/60 Hz (47...63 Hz)	
Input Current (120/230 VAC)		41A/ 21A	74A/ 40A
Power Factor		>0.9 (Meets EN61000-3-2 Class A)	
Overcurrent Protection		>105-150% Constant current style	
Overvoltage Protection		125% -140%	
Hold Up Time (Typ)		20ms	
Efficiency (Full Load) (>200V AC)		88%	
Load Regulation (max.)		600 mV	
Line Regulation (max.)		400 mV	
Ripple Noise (max.)		800 mV	
Remote On/Off & Status Dry Contact		Yes	
Display / Gauge & Communication		Optional	
Status Indicator LED		White: OFF Blue: READY Green: ON Red: FAULT	
Enclosure Color		Grey (RAL7035)	
Operating Temperature		-20°C...+70°C, derating linearly to 50% load above +50°C	
Storage Temperature		-40°C to +85°C	
Humidity (non condensing)		30-90% RH operating, 10-90% RH non operating	
Cooling		Internal fan	
Withstand Voltage (One minute)		Input to Ground 2kVAC, Input to Output 3kVAC Output to Ground 500VAC	
Isolation Resistance		>100MΩ at 25°C & 70% RH, Output to Ground 500VDC	
Vibration Compatibility		EN60068-2-6	
Shock Compatibility		EN60068-2-27	
Immunity Compatibility		EN61000-4 -2 -3 -4 -5 -6 -8 -11	
Safety Compatibility		EN60950-1	
EMI Compatibility		EN55011 / EN55022-B FCC Class B	
Weight (Typ)		19.0 kg	21.5 kg
Dimensions		H:3U W:19" D:370 mm	H:3U D:19" C:370 mm
Warranty		5-YEAR	

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The specifications, drawings and images indicated in this document are based on current information. All content is subject to modifications or additions. For more information on our local sales offices, visit us at our website below.