

AETES

XPM AC to 28VDC Converter

Power Boost of 150% for 10s
Industrial Grade Design
Five Year Warranty

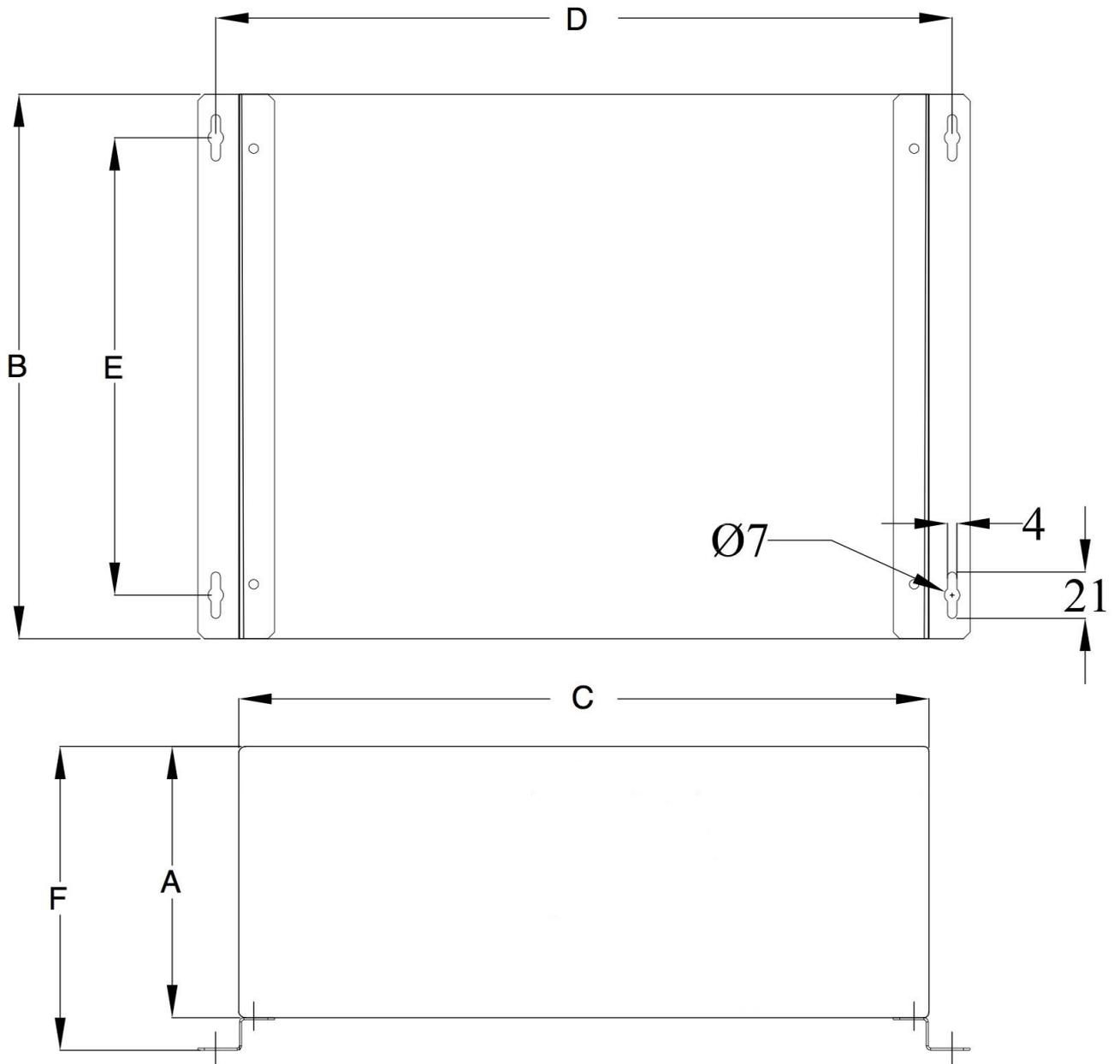


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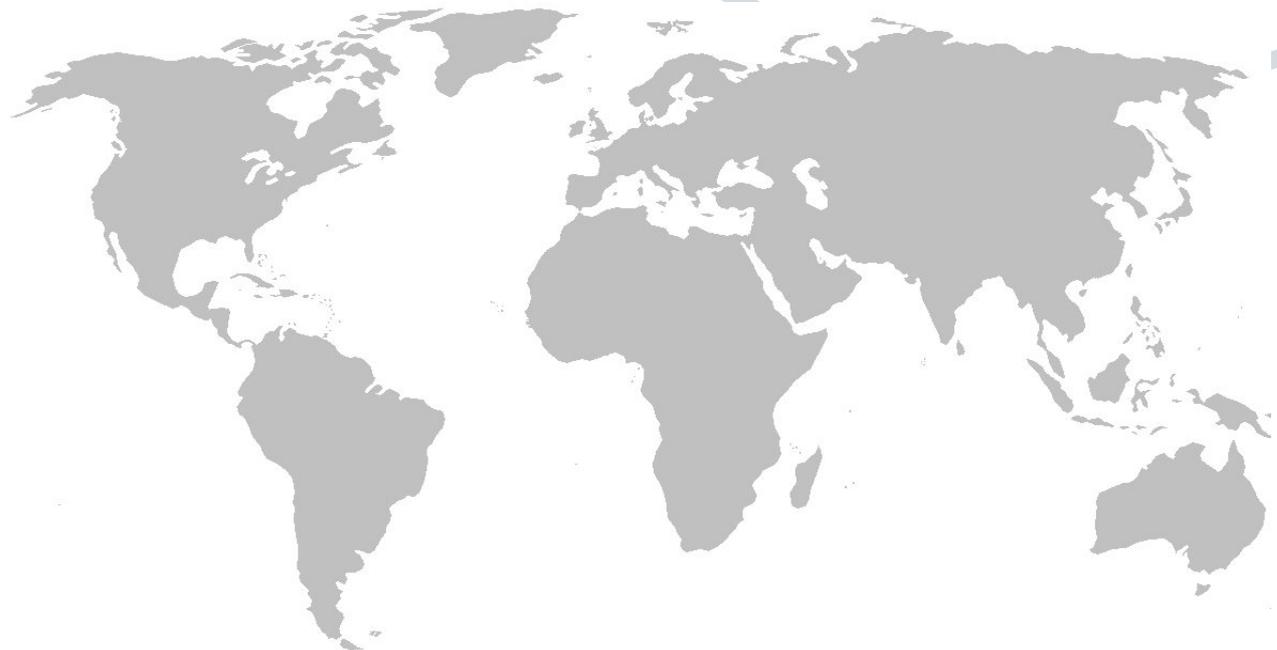
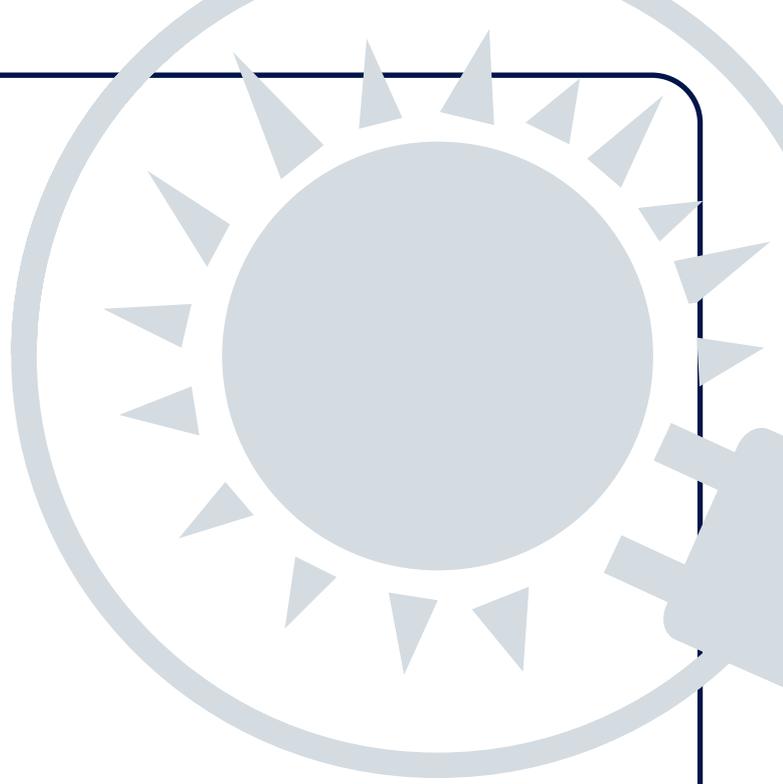
Specification

ITEMS	MODEL	XPM-1P3-028-3K6	XPM-1P3-028-4K5
Output Voltage		28VDC	
Max. Output Current (DC)		120A (3600 Watt)	160A (4500 Watt)
Input Voltage Range		1-Phase 115V/ 230V AC 50/60 Hz (47..63Hz)	
Input Current Typ. (220V AC)		30A (Cold Start Inrush; max.120A)	40A (Cold Start Inrush; max.160A)
Output Power Reserve		150% peak load for 10 seconds at <25°C	
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 (400V AC)		<88%	
Load Regulation (max.)		150 mV	
Line Regulation (max.)		100 mV	
Ripple Noise (max.)		200 mV	
Remote On/Off		Yes	
Power Good /Alarm Contact		Dry Contact (NO/ NC)	
Status Indicator LED		White: OFF Blue: READY Green: ON Red: FAULT	
Enclosure Color		Grey (RAL7035)	
Operating Temperature		-20°C to 70°C, derating linearly to 50 % load above 50°C	
Storage Temperature		-30°C to +75°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		MIL-STD-810F 514.5 CAT. 4,10	
Shock Compatibility		<196.1 m/s ²	
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)		17 kg	22 kg
Dimensions (mm)		F:150 B:370+20 C:420	F:150 B:370+20 C:420
Warranty		5-YEAR	

Drawing



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