

AETES

125VDC PSU 1250W-3750W

*Power Boost of 150% for 5s
Industrial Grade Design
Five Year Warranty*

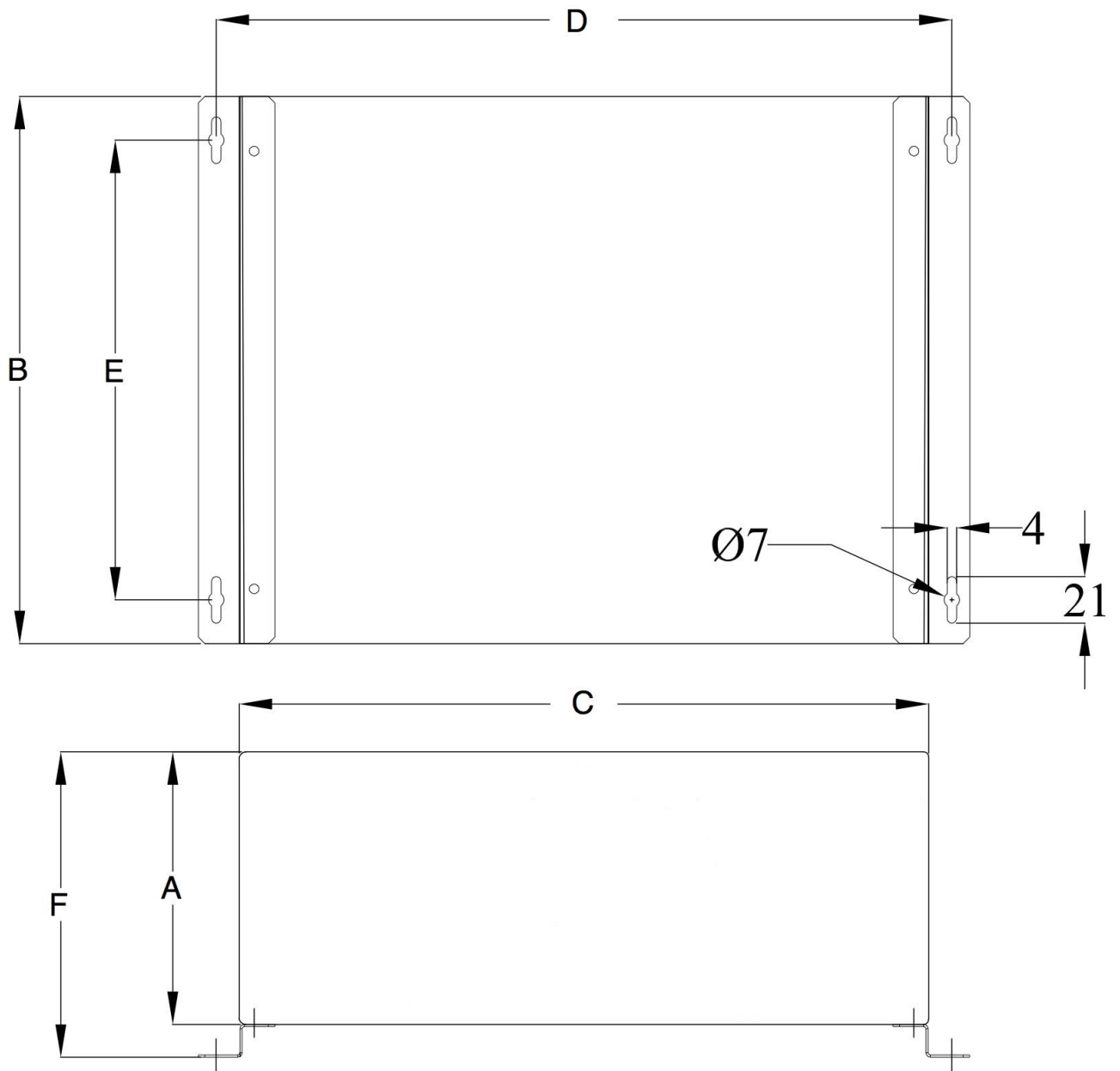


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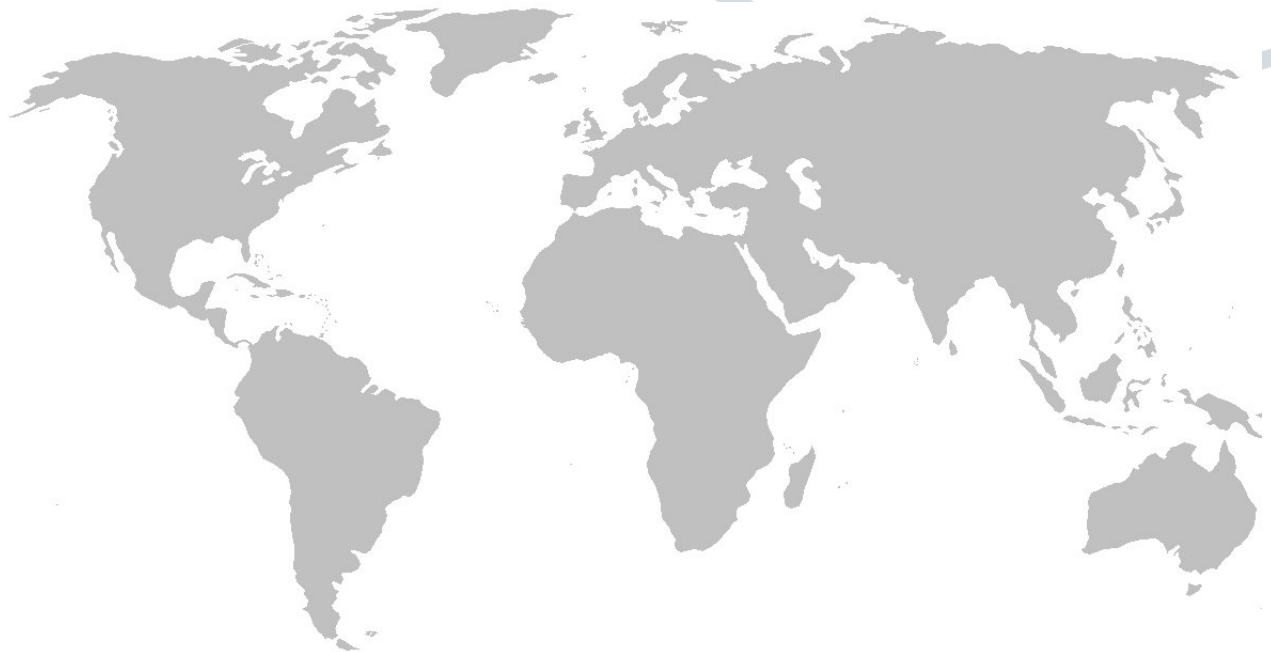
Specification

ITEMS	MODEL	XPM-1P3-125-1K2	XPM-1P3-125-2K5	XPM-1P3-125-3K7
Output Voltage		125VDC		
Max. Output Current (DC)		10A (1250 Watt)	20A (2500 Watt)	30A (3750 Watt)
Input Voltage Range		100V.../ 240V AC 50/60 Hz (86V...264V 47..63Hz)		
Input Current (120V/ 240V AC)		12,8A/ 6,4A	25,6A/ 12,8A	38,4A/ 19,2A
Output Power Reserve		150% peak load for 5 seconds at <45°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 (120V/ 240V AC)		<85% / <88%		
Load Regulation (max.)		864 mV		
Line Regulation (max.)		576 mV		
Ripple Noise (max.)		900 mV		
Remote On/Off		Optionally		
Status Indicator & Dry Contact		Optionally		
Multiple Output Voltage		Optionally (Vout1= 125V Vout2= +5V/.../+48V)		
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)		9,0 kg	13,3 kg	15,8 kg
Dimensions (mm)		F:140 B:250+20 C:315	F:150 B:320+20 C:315	F:150 B:370+20 C:315
Warranty		5-YEAR		

Drawing



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