

# AETES

**3PH 28VDC PSU 2800-4200W**

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

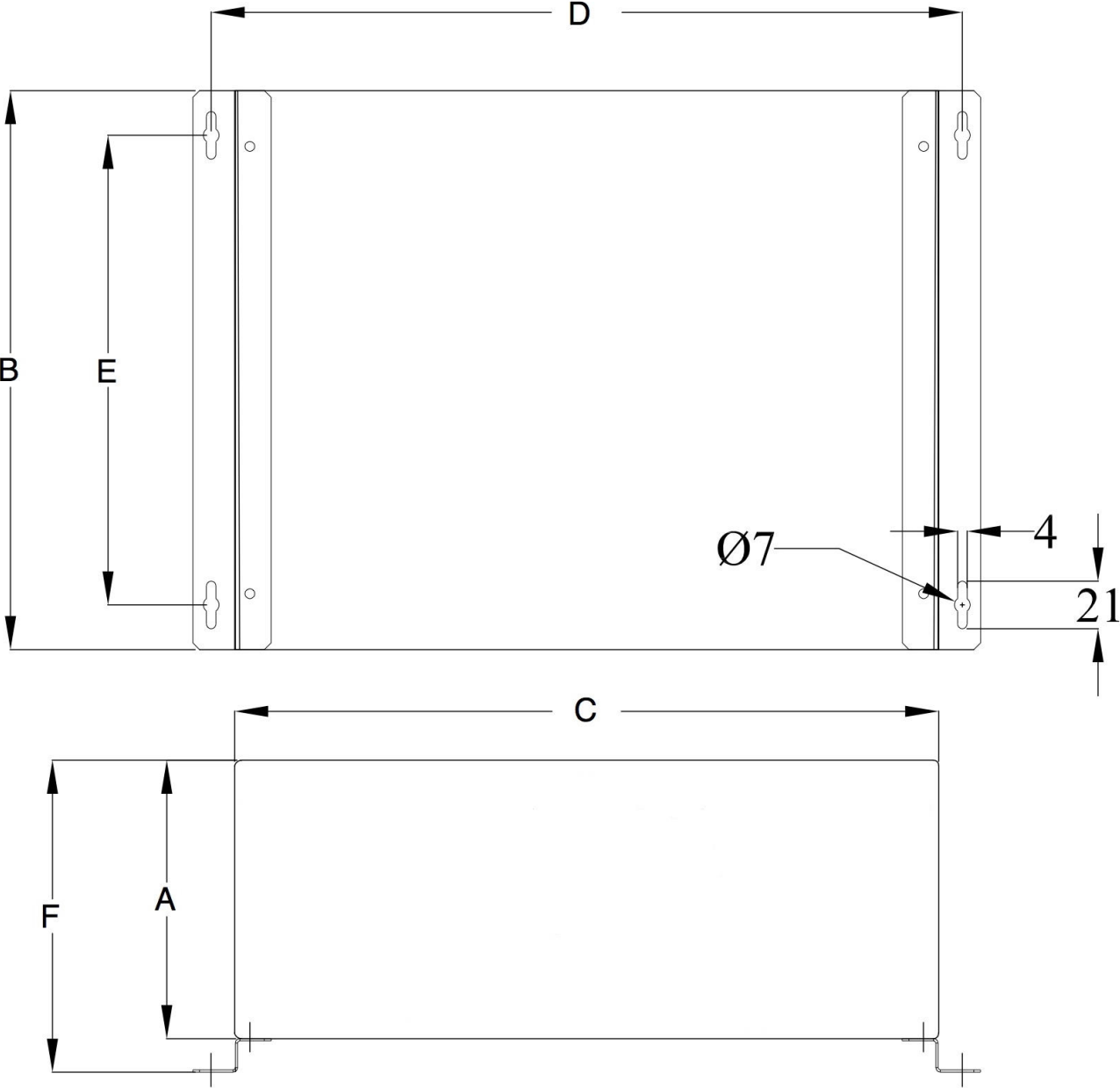


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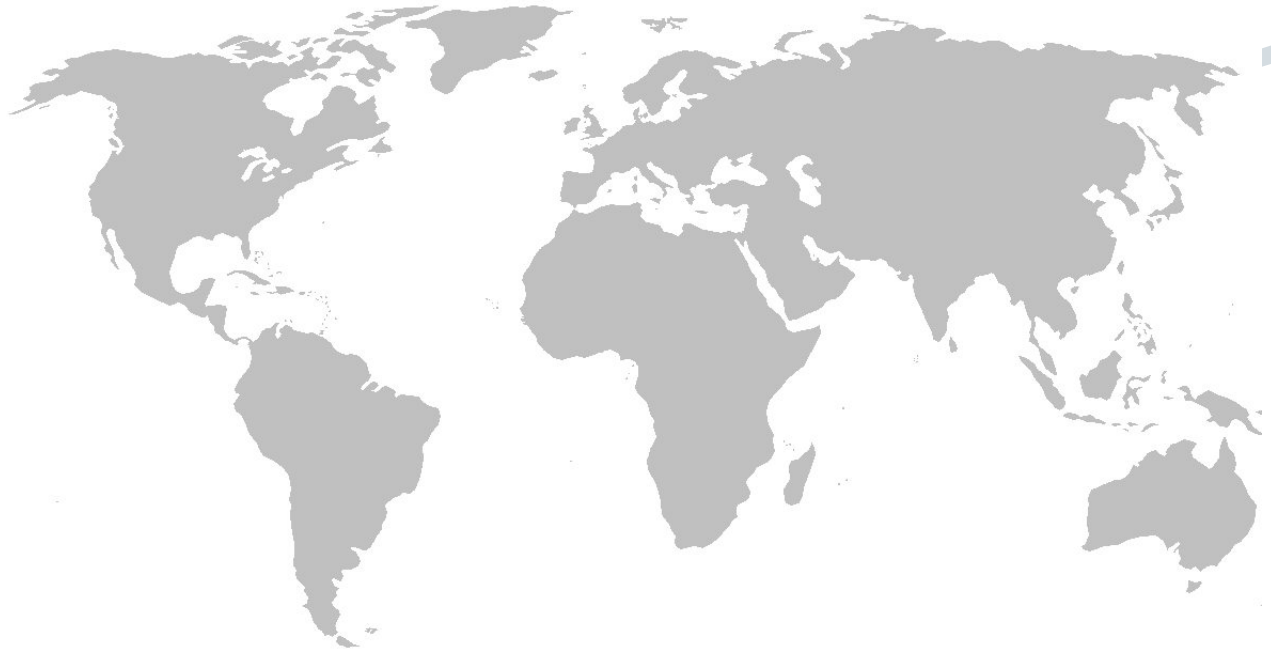
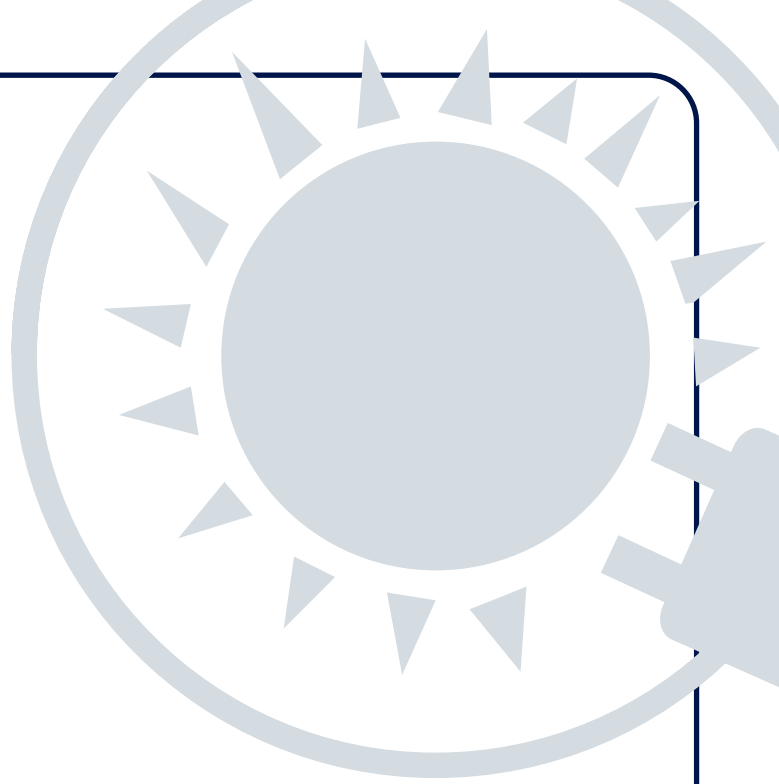
## Specification

ITEMS	MODEL	XPM-3P4-028-2K8	XPM-3P4-028-4K2
Output Voltage		28VDC	
Max. Output Current (DC)		100A (2800 Watt)	150A (4200 Watt)
Input Voltage Range		3-Phase 380V/ 400V/ 415V AC 50/60 Hz (47..63Hz)	
Input Current Typ. (400V AC)		3x 7A (Cold Start Inrush; max.60A)	3x 10A (Cold Start Inrush; max.60A)
Output Power Reserve		150% peak load for 5 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 <sup>2</sup>	
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)		13,3 kg	17,5 kg
Dimensions (mm)		F:150 B:320+20 C:315	F:150 B:320+20 C:420
Warranty		5-YEAR	

Drawing



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