

AETES

220VDC / 125VDC Converter

Power Boost of 150% for 5s
Industrial Grade Design
Small Size Enclosure

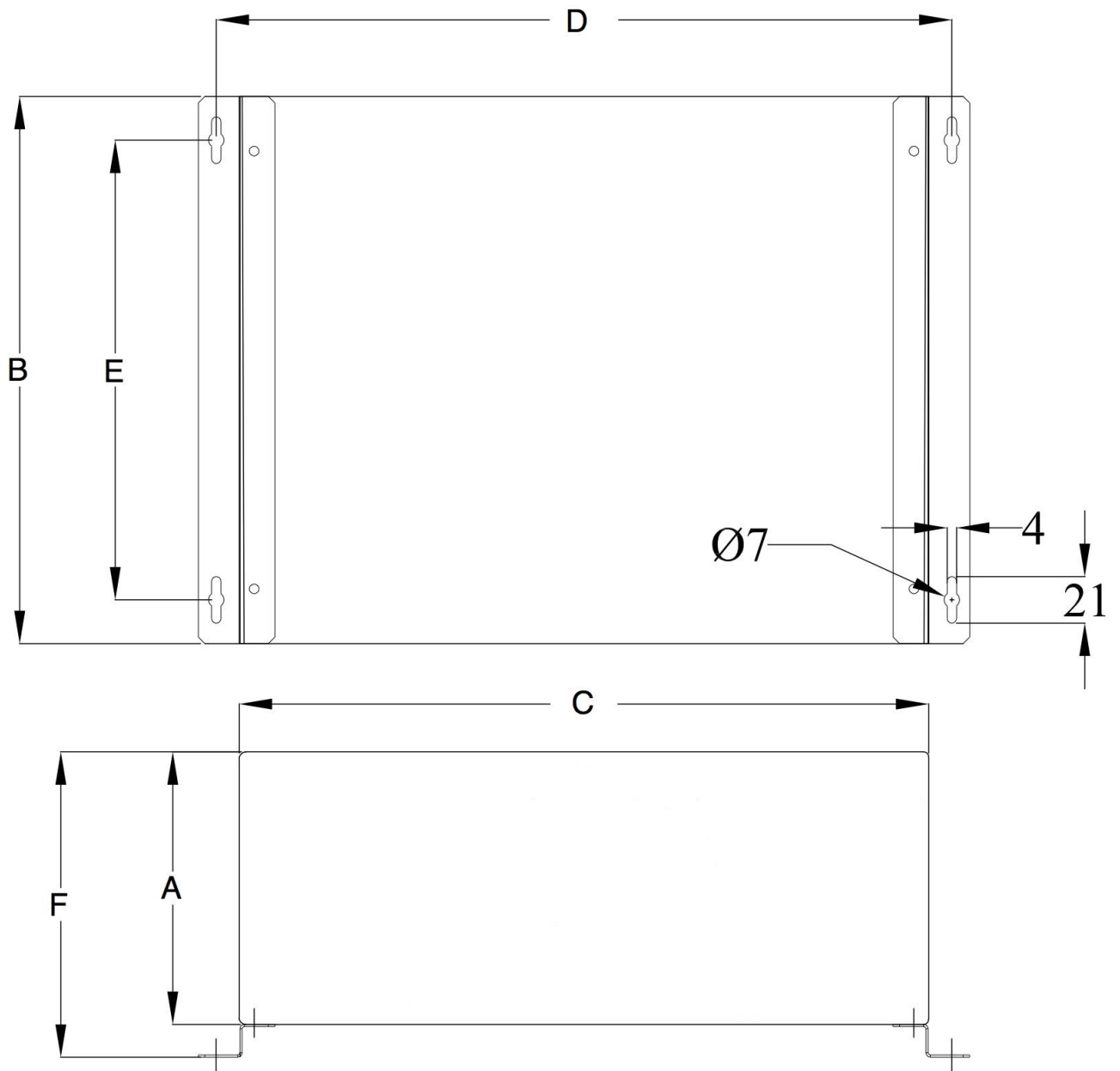


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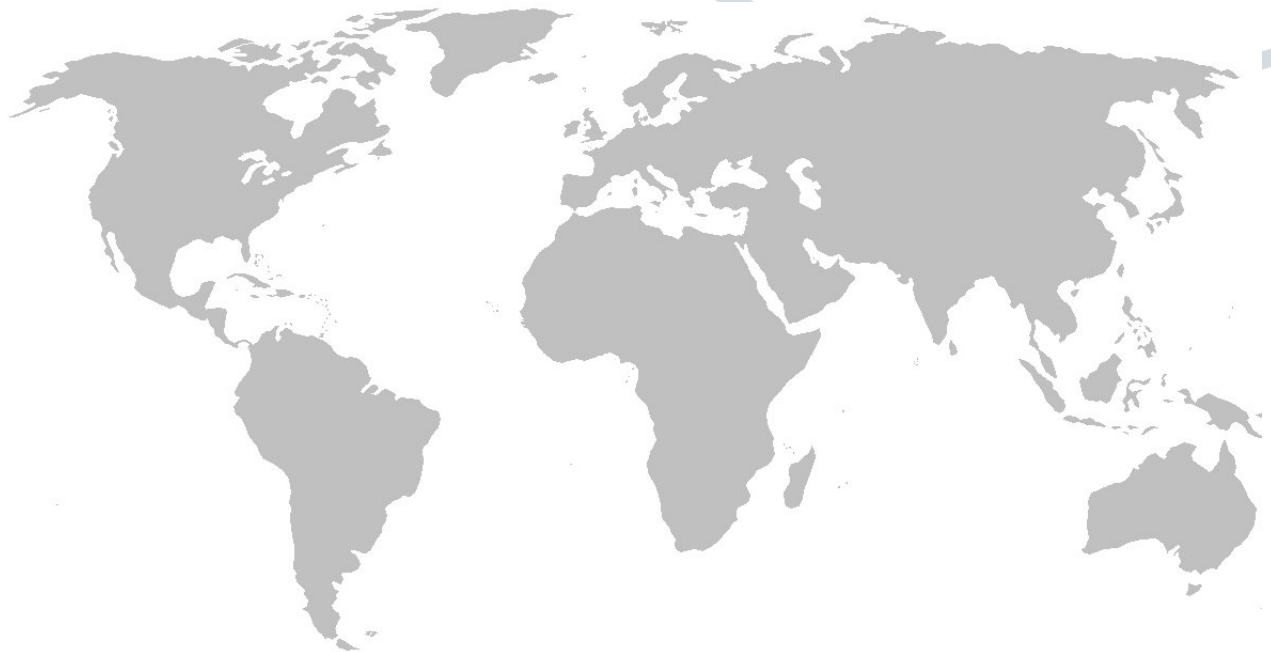
Specification

ITEMS	MODEL	CPM-220-125-1200	CPM-220-125-2400
Input Voltage Range		220VDC (130V...330V DC)	
Max. Input Current (220VDC)		7A (Cold Start Inrush; max. 40A)	14A (Cold Start Inrush; max. 90A)
Output Voltage		125VDC	
Max. Output Current		10A (1200 Watt)	20A (2400 Watt)
Output Power Reserve		150% peak load for 5 seconds at <45°C	
Overcurrent Protection		>105-150%, Constant current style	
Overvoltage Protection		125-140%	
OverTemperature Protection		Yes	
Hold Up Time (Typ)		20ms	
Efficiency (220VDC)		< 87 %	
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.../60V)	
Enclosure Color		Grey (RAL 7035)	
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 (1 min.)		Input to Ground 2kVAC, Input to Output 3kVAC, Output to Ground 500VAC, Output to CNT 100VAC	
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	13,0 kg
Dimensions		A:125+15 B:250+20 C:315 mm	A:135+15 B:320+20 C:315 mm
Warranty		3-YEAR	

Drawing



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