

AETES

220VDC / 110VDC Converter

Power Boost of 125% for 10s
Industrial Grade Design
Three Year Warranty

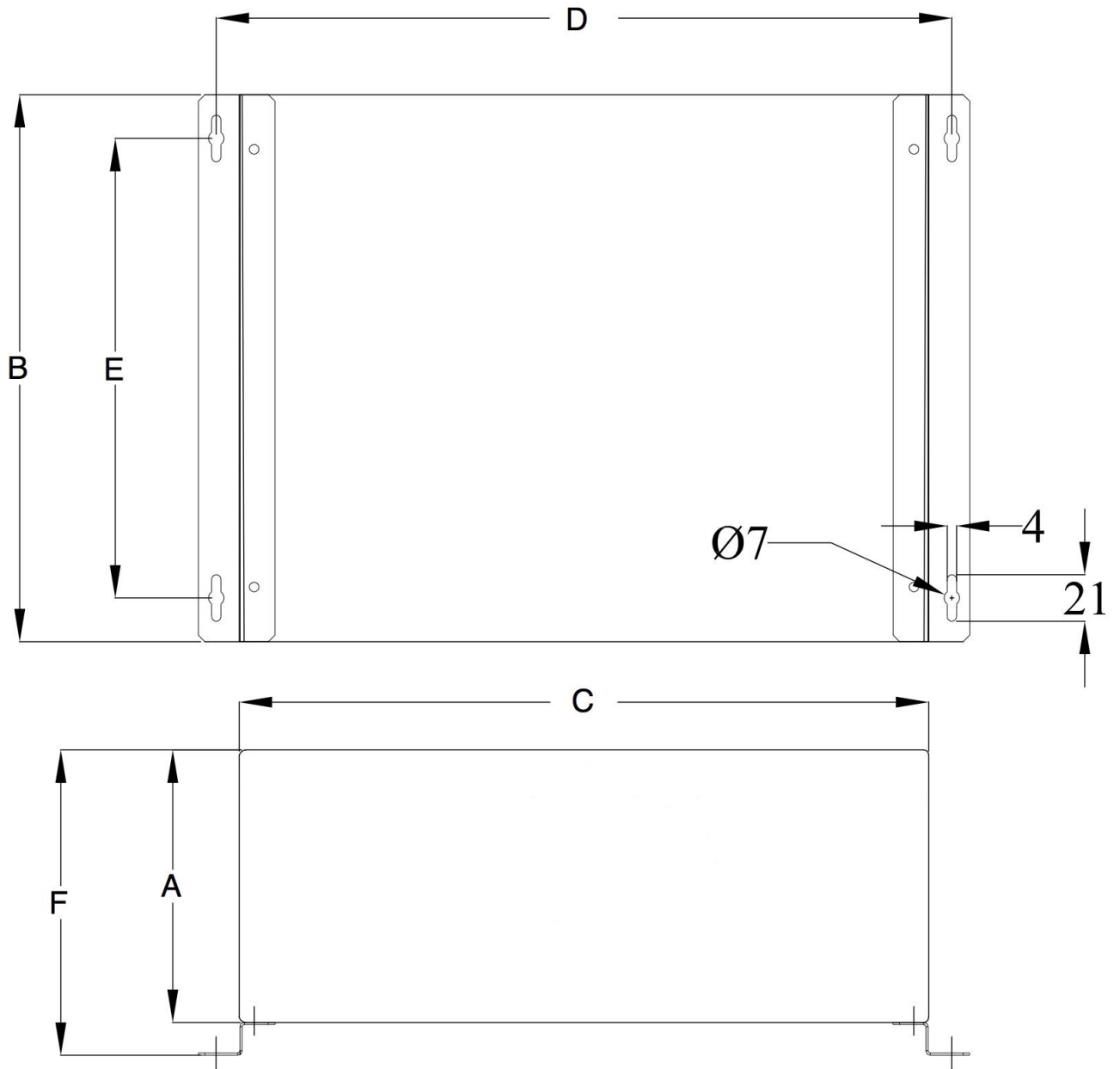


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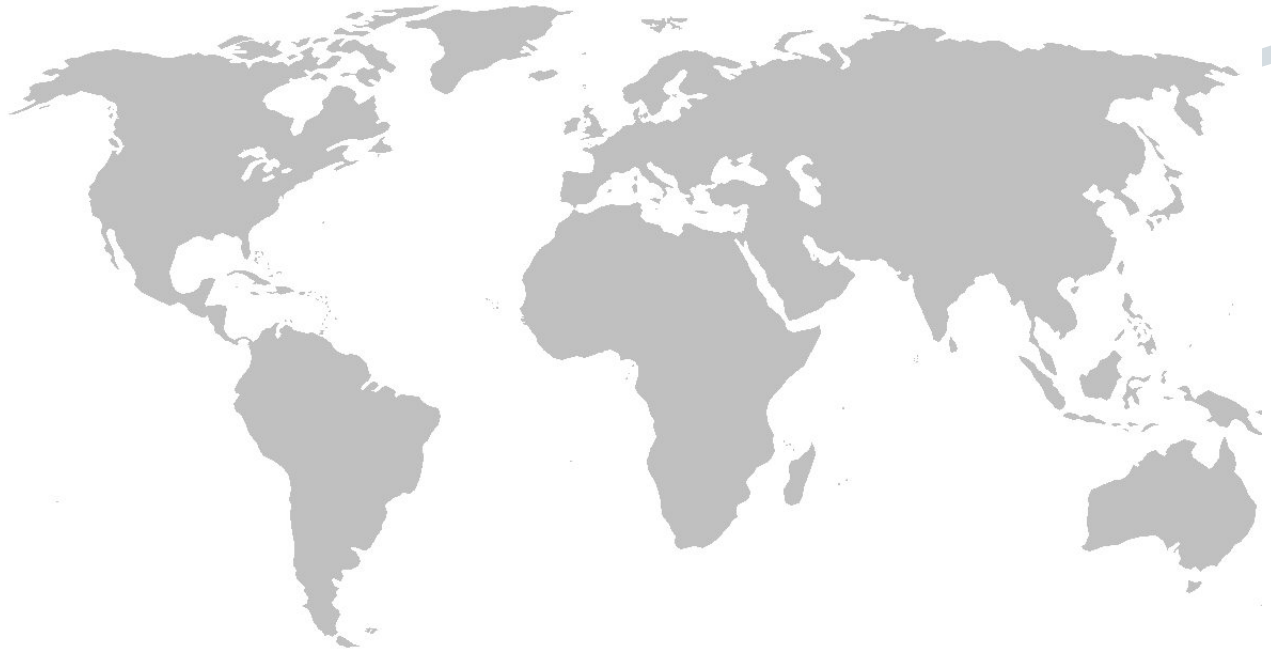
Specification

ITEMS	MODEL	CPM-220-110-2K0	CPM-220-110-4K0
Input Voltage Range		220VDC (130V...330V DC)	
Max. Input Current (220VDC)		14A (Starting Inrush; max. 60A)	28A (Starting Inrush; max. 120A)
Output Voltage		110VDC	
Max. Output Current		20A (2000 Watt)	40A (4000 Watt)
Output Power Reserve		125% peak load for 10 seconds at <45°C	
Overcurrent Protection		>105-125%, Constant current style	
Overvoltage Protection		125-140%	
OverTemperature Protection		Yes	
Hold Up Time (Typ)		20ms	
Efficiency (220VDC)		< 87 %	
Load Regulation (max.)		800 mV	
Line Regulation (max.)		400 mV	
Ripple Noise (max.)		400 mV	
Remote On/Off		Optionally	
Status Indicator & Dry Contact		Optionally	
Multiple Output Voltage		Optionally (Vout1=110V Vout2= 24V.../110V Vout3= 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)		10,50 kg	18,5 kg
Dimensions		A:125+15 B:250+20 C:315mm	A:135+15 B:320+20 C:420mm
Warranty		3-YEAR	

Drawing



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