

AETES

220VDC / 125VDC Converter

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

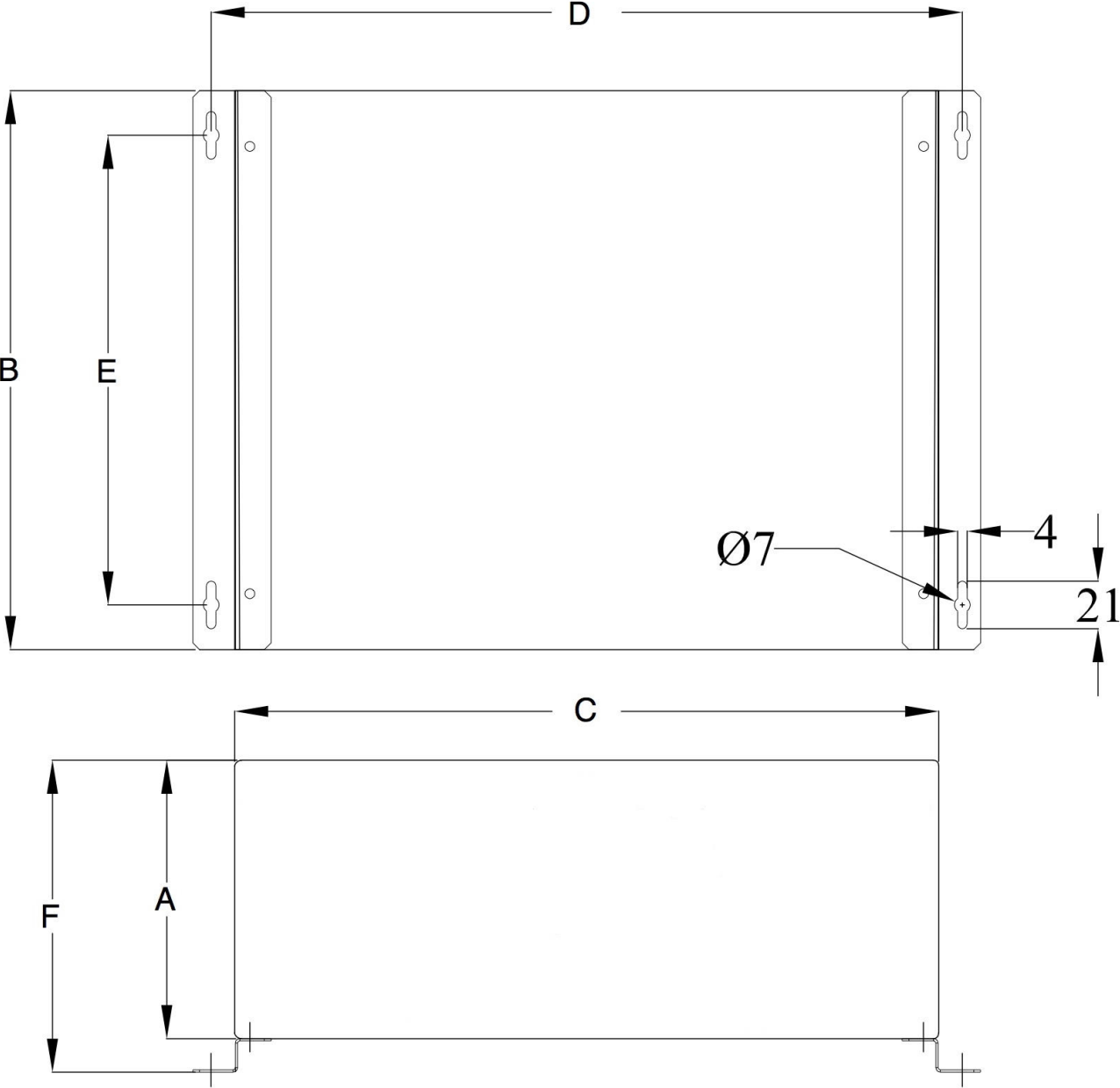


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Specification

MODEL	CPM-220-125-2K5	CPM-220-125-4K0
ITEMS		
Input Voltage Range	220VDC (140V...300V DC)	
Max. Input Current (>220VDC)	16A (Cold Start Inrush; max. 40A)	28A (Cold Start Inrush; max. 60A)
Output Voltage	125VDC	
Max. Output Current	20A (2500 Watt)	32A (4000 Watt)
Output Power Reserve	150% peak load for 10 seconds at <25°C, at >220VDC	
Overcurrent Protection	>105-150%, Constant current style	
Overvoltage Protection	125-140%	
OverTemperature Protection	Yes	
Hold Up Time (Typ)	20ms	
Efficiency (Full Load)	< 90 %	
Load Regulation (max.)	<600mV	
Line Regulation (max.)	<600 mV	
Ripple Noise (max.)	<800 mV	
Remote On/Off	Yes	
Status Indicator LED	White: OFF Blue: READY Green: ON Red: FAULT	
Dry Contacts (Ready / Fault)	Yes	
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	EN60068-2-6	
Shock Compatibility	EN60068-2-27	
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)	13,0 kg	18,0 kg
Dimensions	A:135+15 B:370+20 C:240 mm	A:135+15 B:370+20 C:320 mm
Warranty	3-YEAR	

Drawing



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