

AETES

220VDC to 125VDC Converter

*Power Boost of 150% for 10s
Designed for Utility Power
Three Years Warranty*

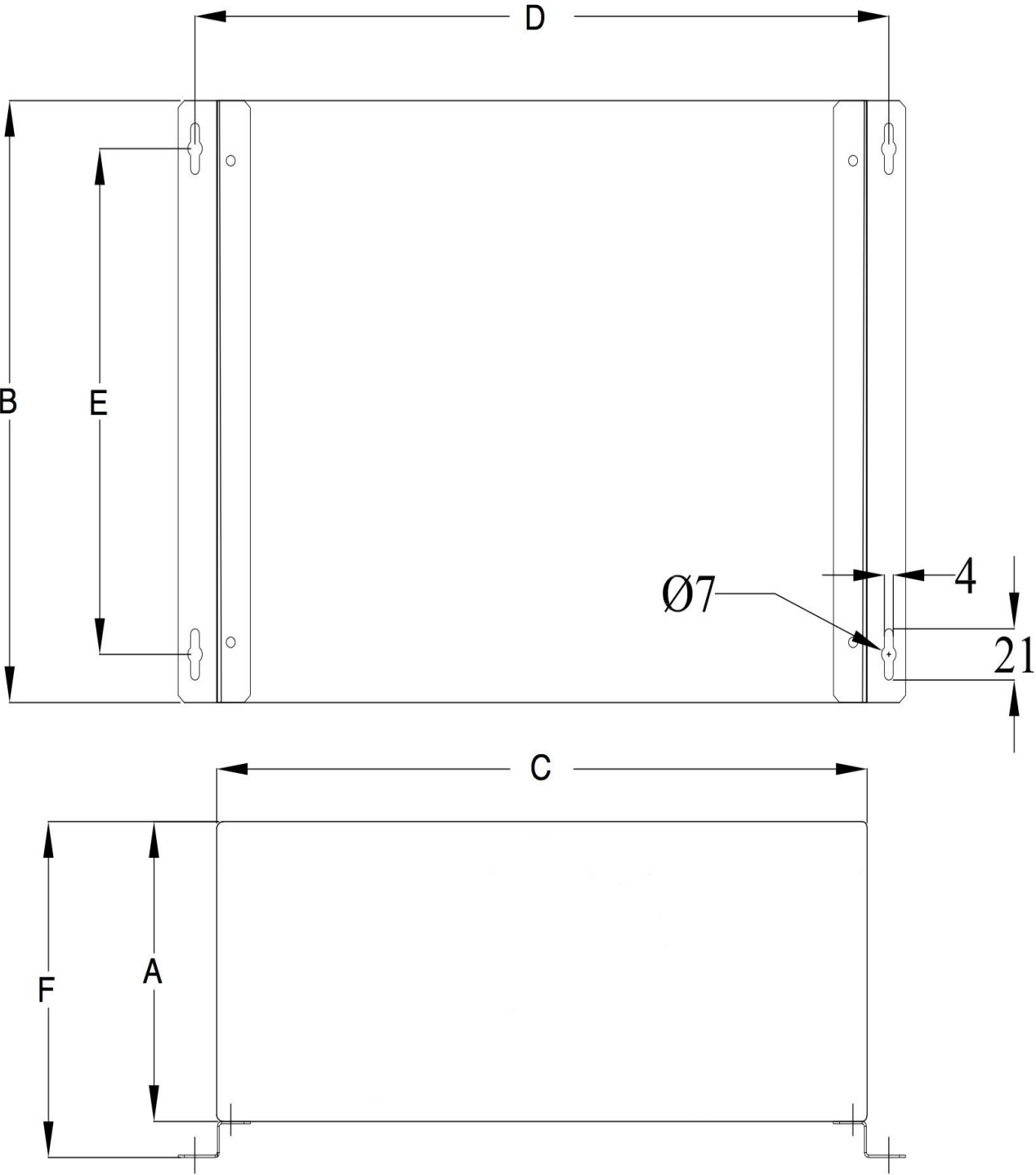


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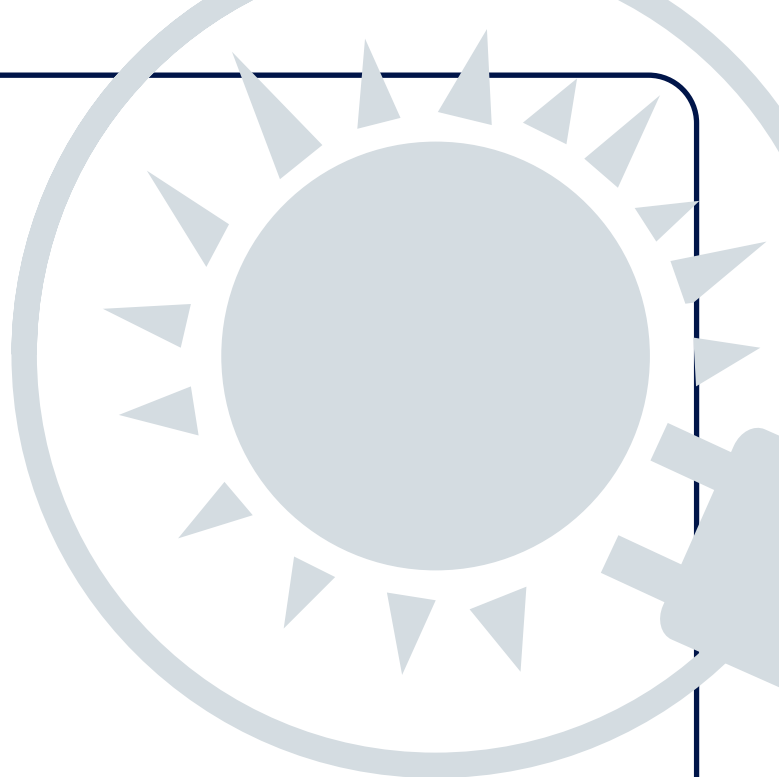
Specification

MODEL	CPM-220-125-3K0	CPM-220-125-5K0
ITEMS		
Input Voltage (Nominal / Range)	220VDC (140VDC...300VDC)	
Max. Input Current	20A (Cold Start Inrush; max.80A)	30A (Cold Start Inrush; max.120A)
Output Voltage	125VDC	
Max.Output Current	25 Amp (3000 Watt)	40 Amp (5000 Watt)
Output Power Reserve (at <25°C)	40 Amp for 10 sec. (with 25% duty cycle)	60 Amp for 10 sec. (with 25% duty cycle)
Overcurrent Protection	>105-150%, Constant current style	
Overvoltage Protection	125-140%	
OverTemperature Protection	Yes	
Hold Up Time (Typ)	20ms	
Efficiency (Full Load) (>220VDC)	88 %	
Load Regulation (max.)	<720 mV	
Line Regulation (max.)	<500 mV	
Ripple Noise (max.)	<800 mV	
Remote On/Off	Yes	
Status Dry Contact	Yes	
Status Indicator LED	White: OFF Blue: READY Green: ON Red: FAULT	
Enclosure Color	Grey (RAL 7035)	
Operating Temperature	-10°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)	14,4 kg	18,5 kg
Dimensions	A:135 B:370+20 C:420 mm	
Warranty	3-YEAR	

Drawing



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The specifications, drawings and images indicated in this document are based on current information. All content is subject to modifications or additions. For more information on our local sales offices, visit us at our website below.