

AETES

DC/125VDC Converter 2000W

Power Boost of 400% for 1 sec
Designed for Utility Systems
Wide Temperature Range

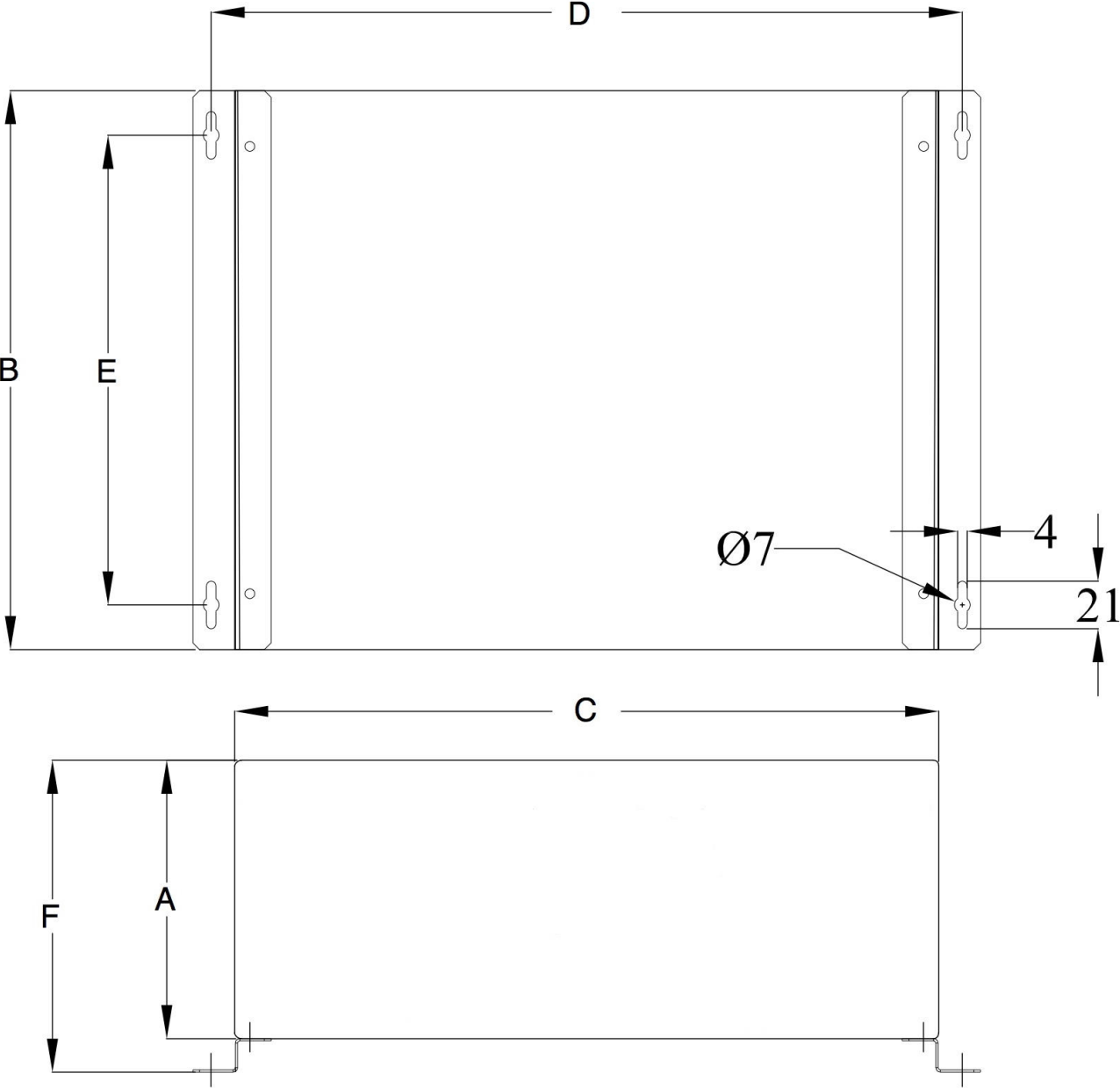


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Specification

ITEMS	MODEL	CPK-048-125-2K0	CPK-060-125-2K0	CPK-072-125-2K0	CPK-110-125-2K0
Input Voltage Nominal		48VDC	60VDC	72VDC	110VDC
Input Voltage Range		40V...60V DC	52V...78V DC	60V...90V DC	90V...135V DC
Output Voltage		125VDC			
Max. Output Current		16 Amp / 2000W (Continuous)			
Output Power Reserve		32 Amp / 4000W for 1min and 64 Amp / 8000W for 1sec (at 20°C)			
Output Over Current Protection		Yes			
Over Temperature Protection		>+80°C			
Input Reverse Polarity Protection		Yes			
Short-Circuit Protection		Continuous			
Efficiency (Full Load)		<85%			
Load Regulation (max.)		±%3			
Line Regulation (max.)		120mV			
Ripple Noise (max.)		180mV			
Communication		Optional			
Remote On/ Off		Yes			
Digital Voltmeter		Optional			
Status Indicator LED		Yes			
Enclosure Material/ Color		Grey / Black			
Cooling		Fan forced			
Operating Temperature		-10°C to +70°C (Derating linearly to 50% load above +50°C)			
Storage Temperature		- 40°C to +90°C			
Humidity (Non Condensing)		20-90% RH operating, 10-90% RH non operating			
Withstand Voltage (One Minute)		Input to Ground 2000VAC, Input to Output 2000VAC, Output to Ground 2000VAC			
Isolation Resistance		>100MΩ at +25°C & 95%RH, Output to Ground 500VDC			
MTBF		>100,000 h (<80% load and at +25°C)			
Vibration Compatibility		EN61373 - Category 1, Class B			
Safety Compatibility		EN60601-1, EN62368-1			
EMI Compatibility		EN55032 Class B			
Weight (typ.)		11 kg			
Dimensions		C:230 B:400 F:174 mm			
Warranty		2-YEAR			

Drawing



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