

AETES

DC/125VDC Converter 750W

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

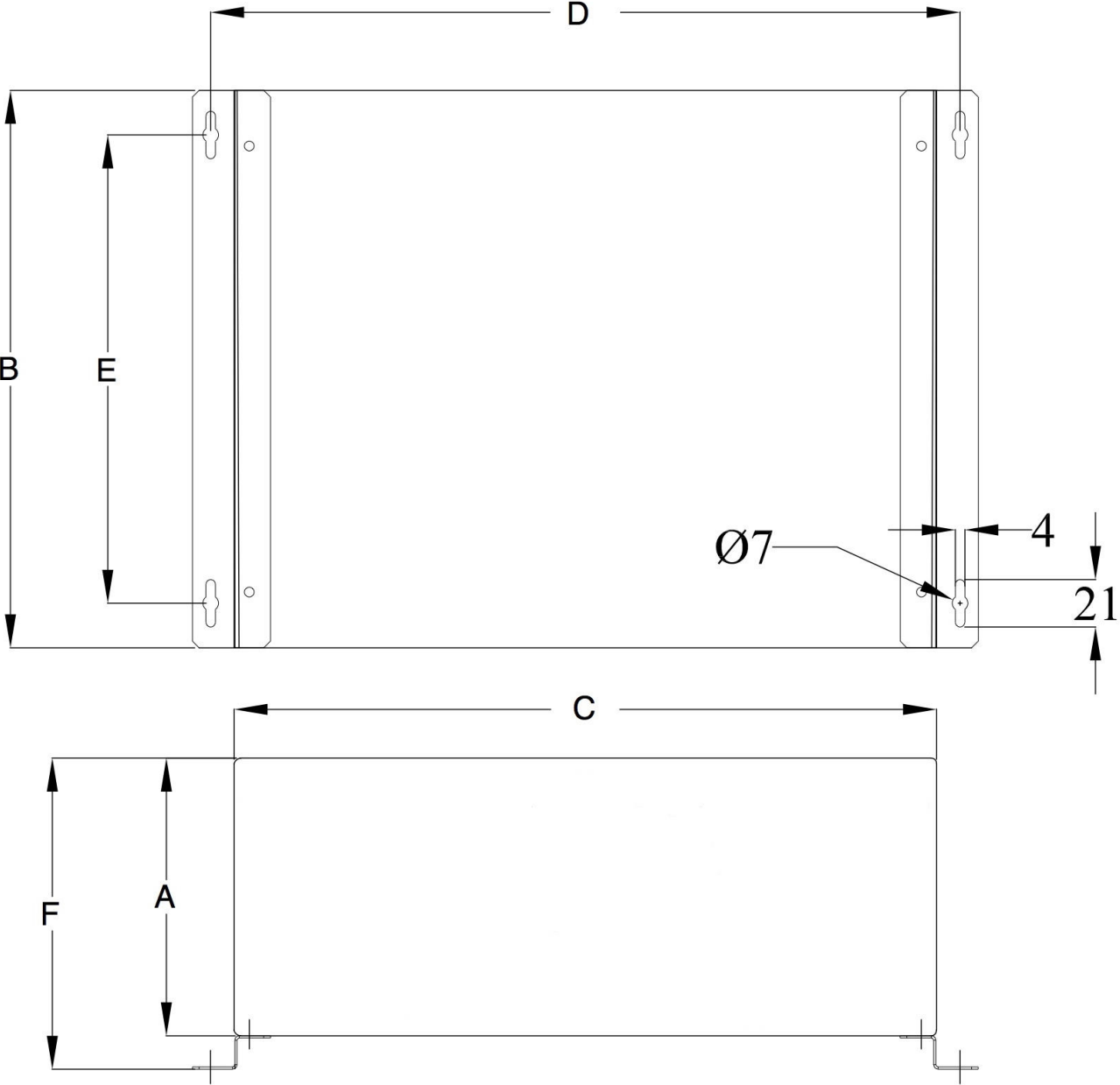


"...power alliance..."

Specification

ITEMS	MODEL	CPK-024-125-750	CPK-048-125-750	CPK-060-125-750	CPK-110-125-750
Input Voltage Nominal		24VDC	48VDC	60VDC	110VDC
Input Voltage Range		20V...30V DC	40V...60V DC	52V...78V DC	90V...135V DC
Output Voltage		125VDC			
Max. Output Current		6 Amp / 750W (Continuous)			
Output Power Reserve		12 Amp / 1500W for 10min and 24 Amp / 3000W 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.)		7.5 kg			
Dimensions		C:310 B:380 F:132 mm			
Warranty		2-YEAR			

Drawing



"...power alliance..."



AETES
"...power alliance..."

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.