

AETES

CPK 48V /125V Converter 12A-20A

Operating Range -10°C to +70°C

Power Boost of 400% for 1sec

Designed for Utility Systems

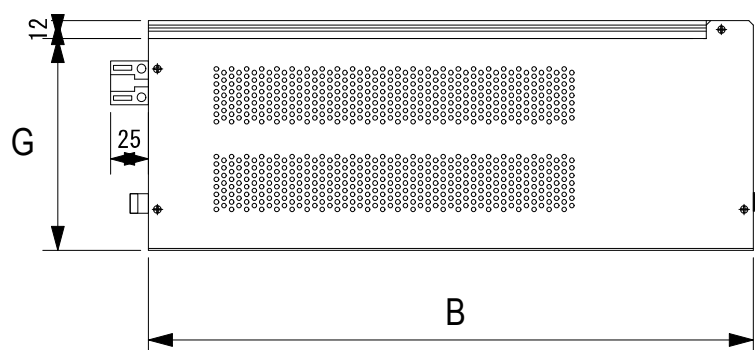
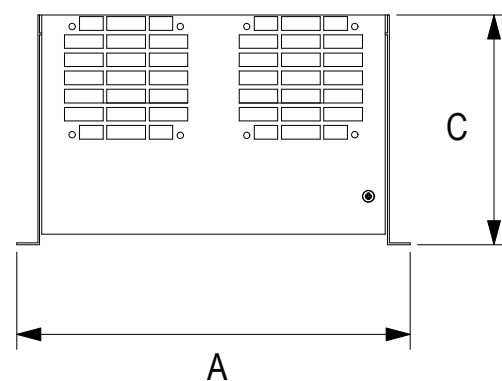
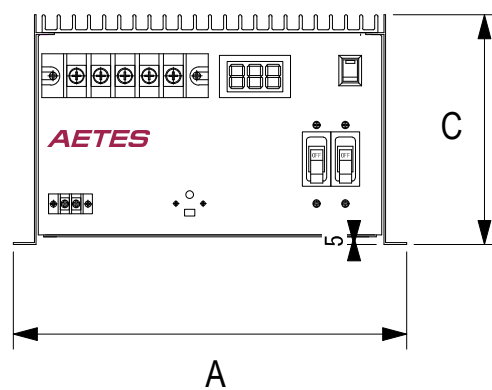
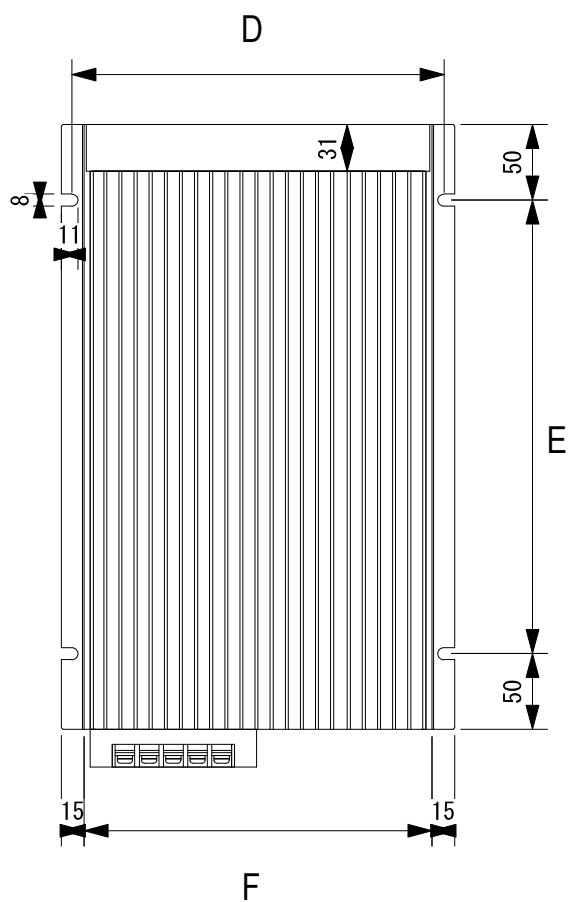


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Specification

ITEMS	MODEL	CPK-048-125-1K5	CPK-048-125-2K0	CPK-048-125-2K5
Input Voltage Nominal		48V DC		
Input Voltage Range		40V...60V DC		
Output Voltage		125V DC		
Output Power [Continuous]		1500W 12 Amp	2000W 16 Amp	2500W 20 Amp
Output Power Boost Capability		3000W for 1 min. at 20°C	4000W for 1 min. at 20°C	5000W for 1 min. at 20°C
Output Peak Capability		6000W 48 Amp for 1 sec.	8000W 64 Amp for 1 sec.	10000W 80 Amp for 1 sec.
Input Reverse Polarity Protection		Yes		
Output Over Load Protection		Yes		
Over Temperature Protection		Yes >+80°C		
Short-Circuit Protection		Yes		
Efficiency Typ.		>85%		
Load Regulation (max.)		± %3		
Line Regulation (max.)		120mV		
Ripple Noise (max.)		180mV		
Remote ON / OFF		Yes		
Digital Voltmeter		Yes		
Status Dry Contact		Yes		
Soft Start		No		
Enclosure Material / Color		Metal / Black & Grey (RAL7016)		
Cooling		Internal Fan-Forced >+50°C		
Operating Temperature		-10°C to +70°C (Derating linearly to 50% load above +45°C)		
Storage Temperature		-40°C to +85°C		
Humidity (Non Condensing)		20-90% RH operating and non operating		
Withstand Voltage (One Minute)		Input to Ground 1500VAC, Input to Output 1500VAC, Output to Ground 1500VAC		
Isolation Resistance		>50MΩ at +25°C & 95%RH, Output to Ground 500VDC		
Safety Compatibility		EN60950-1		
EMI Compatibility		EN55032 Class B		
Weight (Typ)		11.2 kg	13.3 kg	17.5 kg
Dimensions		A:260 B:400 C:175 mm	A:260 B:400 C:240 mm	A:260 B:480 C:175 mm
Warranty		2-YEAR		

Drawing



CPK-048-125-1K5

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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.