

AETES

CPK 110V /48V Converter 30A-50A

Operating Range -10°C to +70°C

Power Boost of 400% for 1sec

Designed for Utility Systems

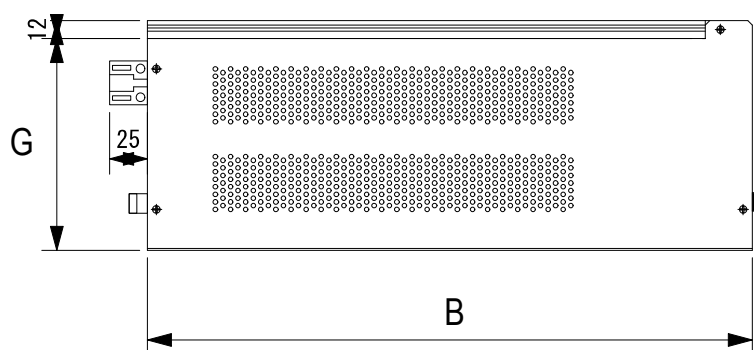
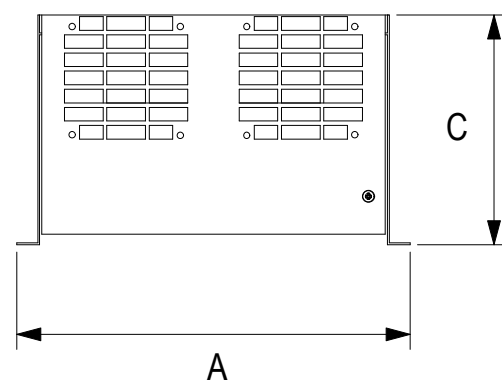
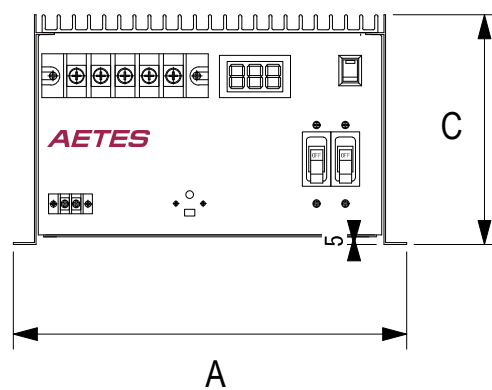
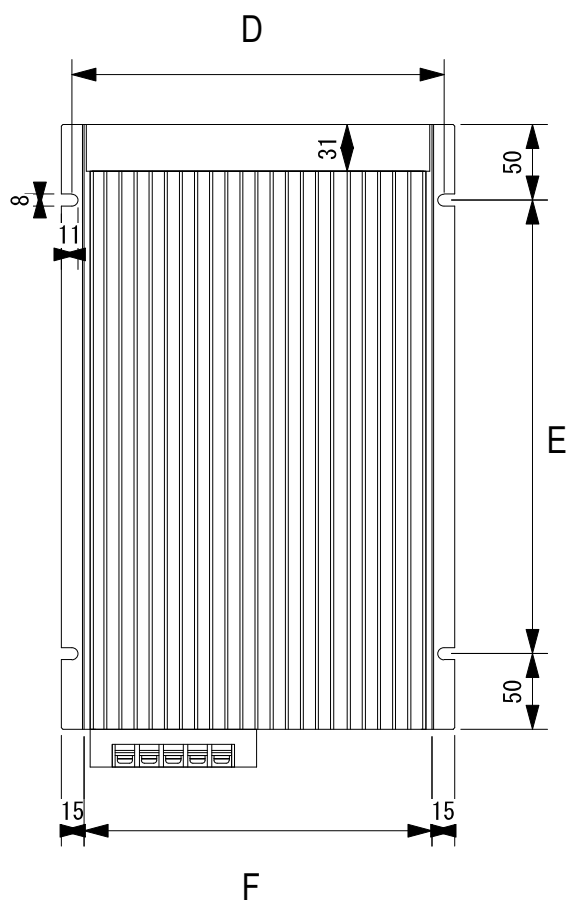


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Specification

ITEMS	MODEL	CPK-110-048-1K5	CPK-110-048-2K0	CPK-110-048-2K5
Input Voltage Nominal		110V DC		
Input Voltage Range		96V...162V DC		
Output Voltage		48V DC		
Output Power [Continuous]		1500W 30 Amp	2000W 40 Amp	2500W 50 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 120 Amp for 1 sec.	8000W 160 Amp for 1 sec.	10000W 200 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		Optional		
Dry Contact Status/Alarm		Yes		
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		
Vibration Compliance		EN61373 - Category 1, Class B		
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-110-048-1K5

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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.