

AETES

CPK 48V /110V Converter 12A-20A

Operating Range -10°C to +75°C

Power Boost of 400% for 1sec

Designed for Utility Systems

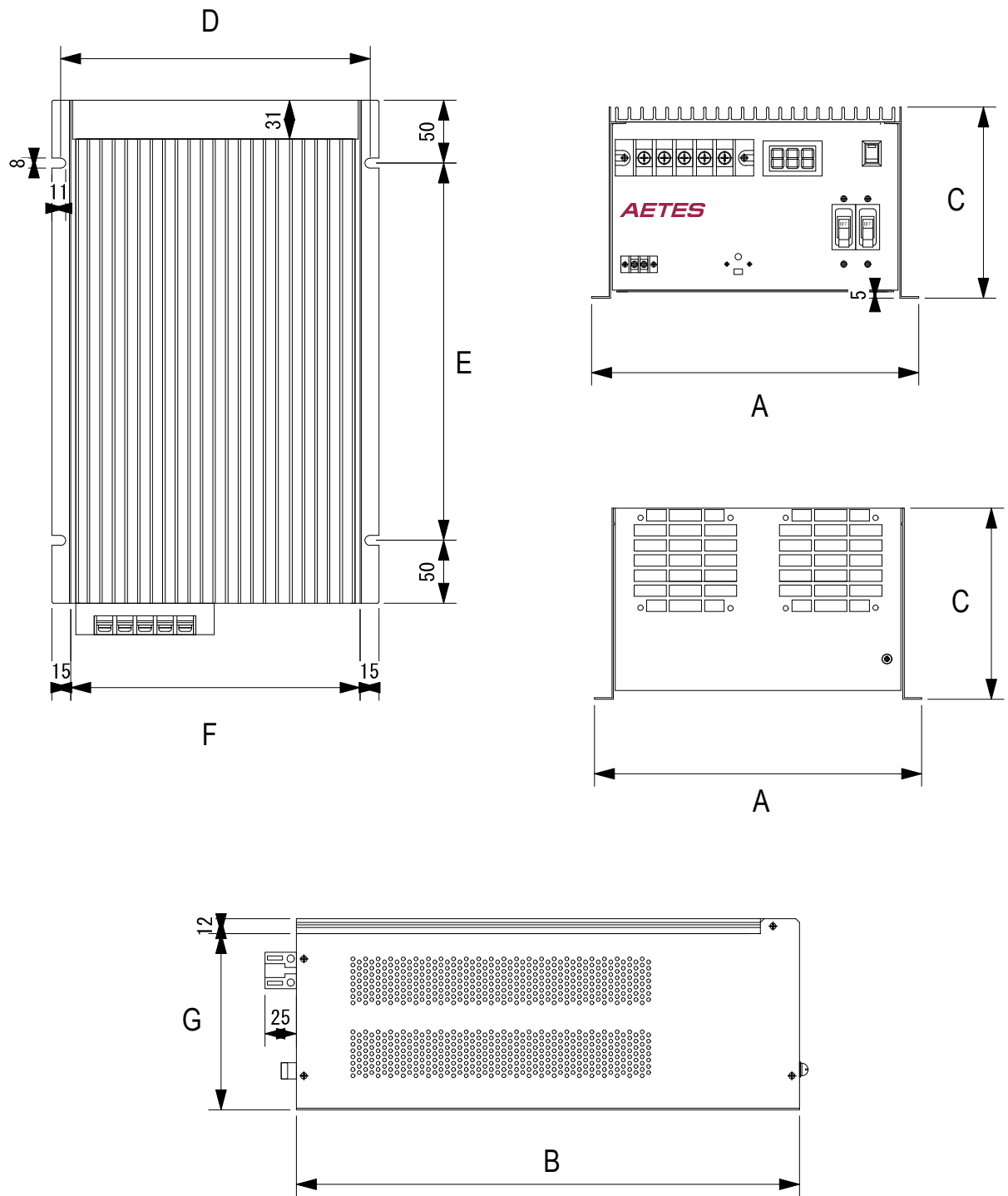


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Specification

ITEMS	MODEL	CPK-048-110-1K4	CPK-048-110-1K8	CPK-048-110-2K2
Input Voltage Nominal		48V DC		
Input Voltage Range		40V...60V DC		
Output Voltage		110V DC		
Output Power [Continuous]		1400W 12 Amp	1800W 16 Amp	2200W 20 Amp
Output Power Boost Capability		2800W for 1 min. at 20°C	3600W for 1 min. at 20°C	4400W for 1 min. at 20°C
Output Peak Capability		5600W 48 Amp for 1 sec.	7200W 64 Amp for 1 sec.	8800W 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 +75°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-048-110-1K4

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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.