

AETES

DC/250VDC Converter 2000W

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

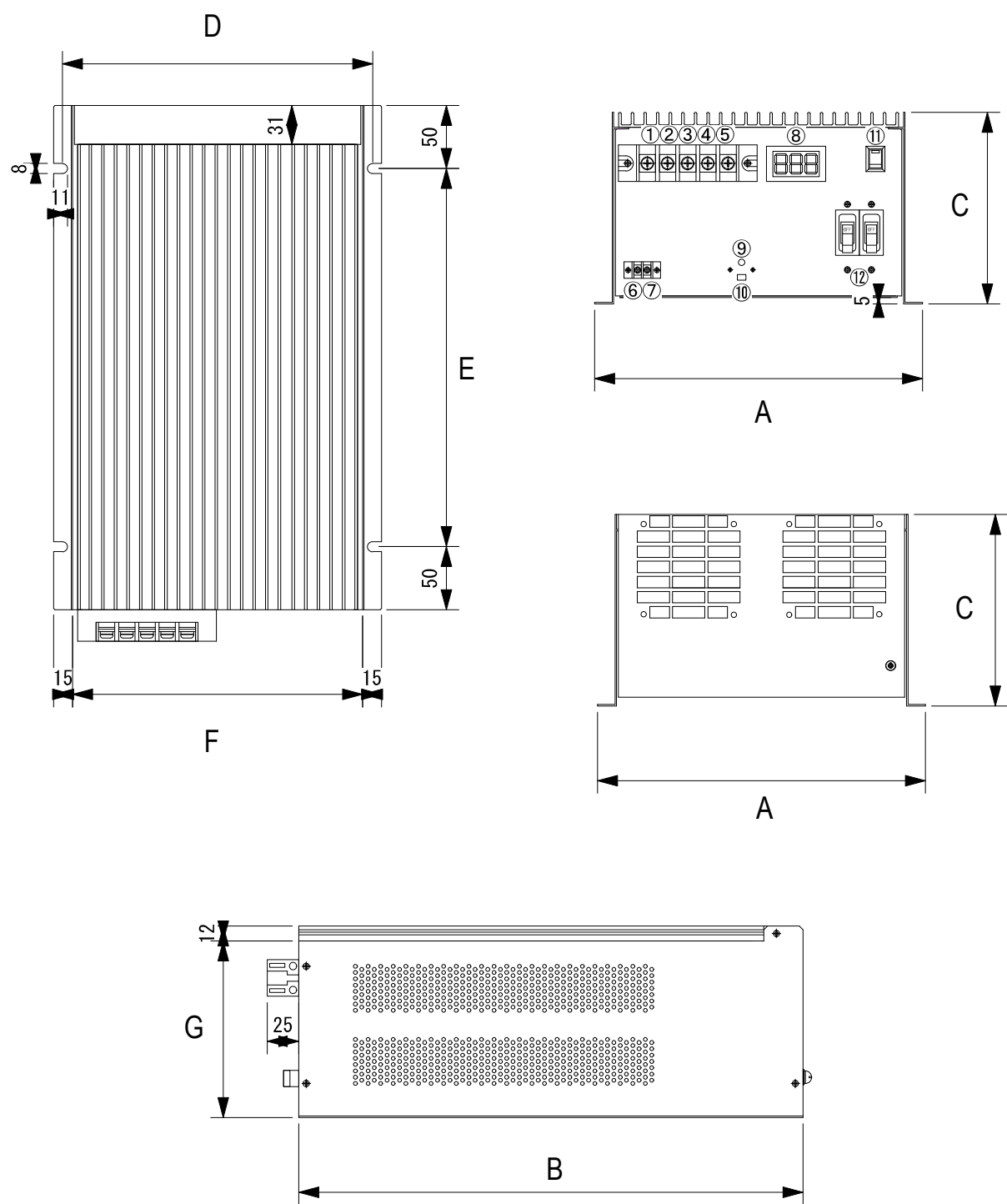


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Specification

ITEMS	MODEL	CPK-048-250-2K0	CPK-125-250-2K0
Input Voltage Nominal		48VDC	125VDC
Input Voltage Range		40V...60V DC	108V...162V DC
Output Voltage		250VDC	
Max. Output Current		8 Amp / 2000W (Continuous)	
Output Power Reserve		16 Amp / 4000W for 1min and 32 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:240 B:400 F:230 mm	
Warranty		2-YEAR	

Drawing



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