

AETES

EPK 250VDC to AC Inverter

Operating Range -10°C to +75°C

Power Boost of 400% for 1sec

50 Hz or 60 Hz Switchable

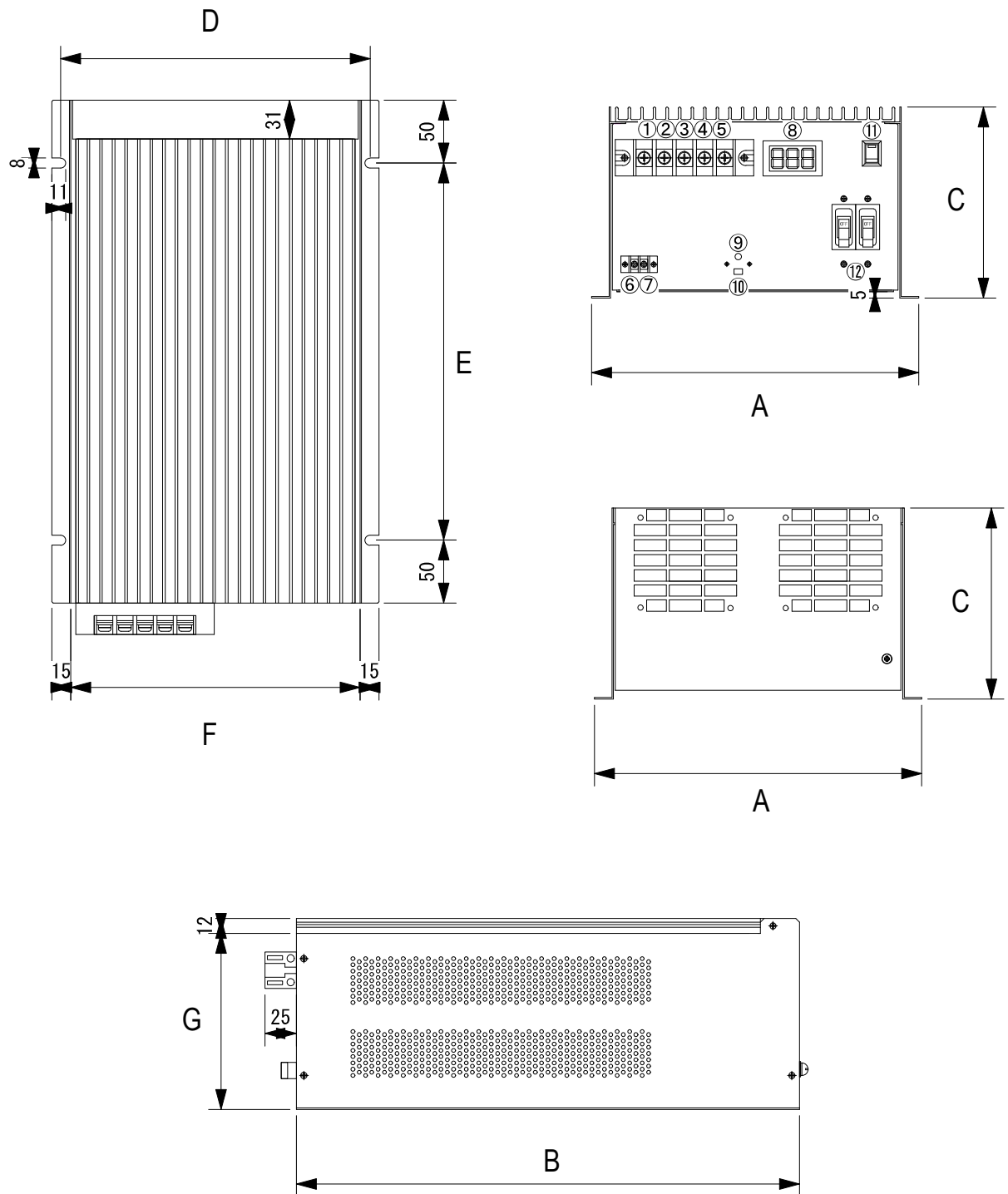


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Specification

ITEMS	MODEL	EPK-250-1P3-1K2	EPK-250-1P3-1K8	EPK-250-1P3-2K4
Output Power [Continuous]		1200VA (1200W)	1800VA (1800W)	2400VA (2400W)
Output Power Boost Capability		2400W for 10 min at 20°C	3600W for 10 min at 20°C	4800W for 10 min at 20°C
Output Peak Capability		4800W for 1 sec	7200W for 1 sec	9600W for 1 sec
Input Voltage Range		216V...324V DC		
Output Voltage		1-Phase 110V, 120V, 127V, 220V AC (Order Option)		
Output Frequency		50Hz / 60Hz (Switchable)		
Input Reverse Polarity Protection		Yes		
Output Overload Protection		Yes		
Over Temperature Protection		Yes >+80°C		
Short Circuit Protection		Yes		
Efficiency Typ.		>85%		
Line Regulation (max.)		<±5%		
Load Regulation (max.)		<±2%		
THD Linear (max.)		<±5%		
Remote ON / OFF		Yes		
Digital Voltmeter		Yes		
Dry Status Contact		Yes		
Soft Start		Optional (Customable 0 to 20 seconds)		
Enclosure Material / Color		Metal / Black & Grey (RAL7016)		
Cooling		Internal Fan >+50°C		
Operating Temperature		-10°C to +75°C (Derating linearly to 50% load above +50°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 Compliance		EN60950-1		
EMI Compliance		EN55032 Class B		
Weight (Typ)		9.5 kg	13.3 kg	18.2 kg
Dimensions		A:260 B:480 C:155mm	A:260 B:400 C:240 mm	A:260 B:480 C:240 mm
Warranty		2-YEAR		

Drawing



EPK-250-1P3-1K2

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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.