

AETES

EPK 110VDC to AC Inverter

Operating Range -10°C to +70°C

Power Boost of 400% for 1sec

50 Hz or 60 Hz Switchable

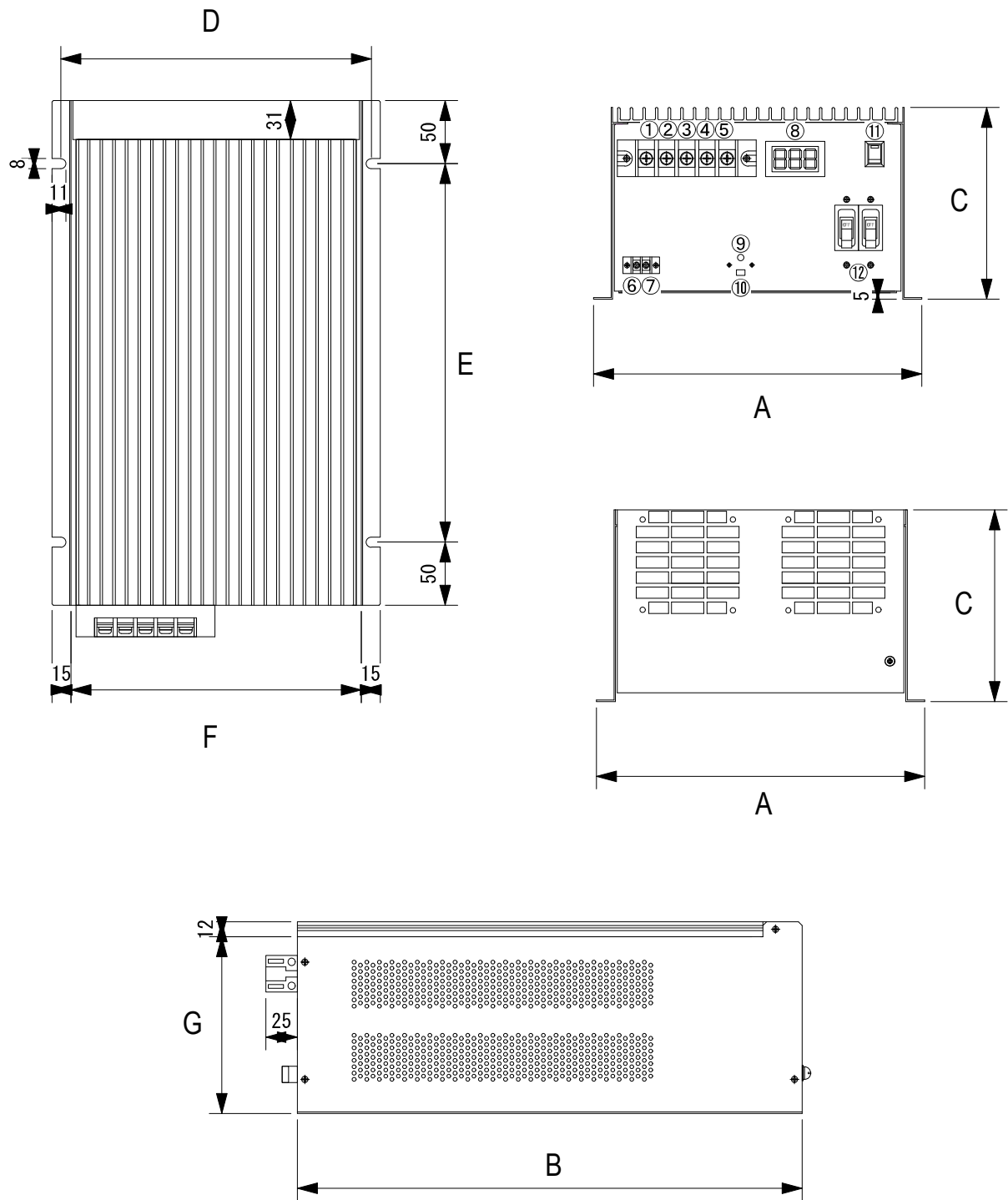


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Specification

ITEMS	MODEL	EPK-110-1P3-1K0	EPK-110-1P3-1K5	EPK-110-1P3-2K0
Output Power [Continuous]		1000VA (1000W)	1500VA (1500W)	2000VA (2000W)
Output Power Boost Capability		2000W for 10 min. at 20°C	3000W for 1 min. at 20°C	4000W for 10 min. at 20°C
Output Peak Capability		4000 W for 1 sec.	6000W for 1 sec.	8000W for 1 sec.
Input Voltage Range		96V...144V DC		
Output Voltage		1-Phase (P-N) 110V, 120V, 127V, 220V AC (Order Option)		
Output Frequency		50Hz / 60Hz (Switchable)		
Input Reverse Polarity Protection		Yes		
Output Over Load 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		
Status Indicator LED Display		Yes		
Remote Monitoring		(Optional)		
Soft Start		Customable 0 to 20 seconds (Optional)		
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)		8.5 kg	10.2 kg	13.4 kg
Dimensions		A:260 B:400 C:155mm	A:260 B:480 C:175 mm	A:260 B:400 C:240 mm
Warranty		2-YEAR		

Drawing



EPK-110-1P3-1K0

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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.