

AETES

ESK Series 3-ph Inverter 8000W

Up to 30kW peak (1s), 15kW (1m)

Built for Industrial Substations

Wide Temperature Range

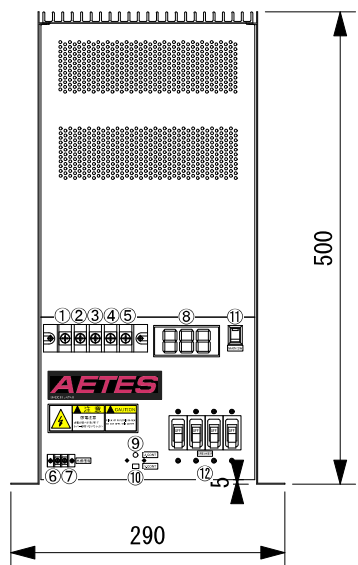
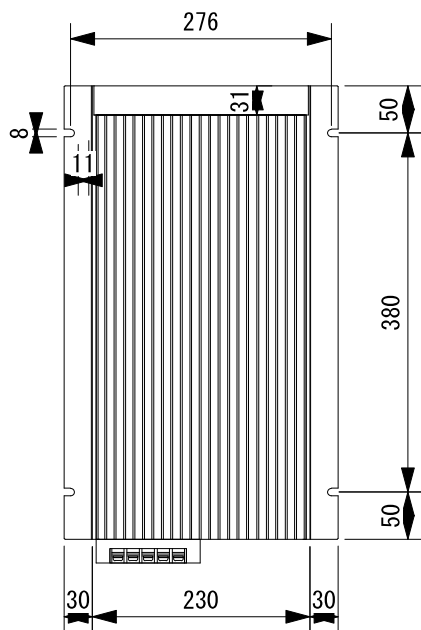
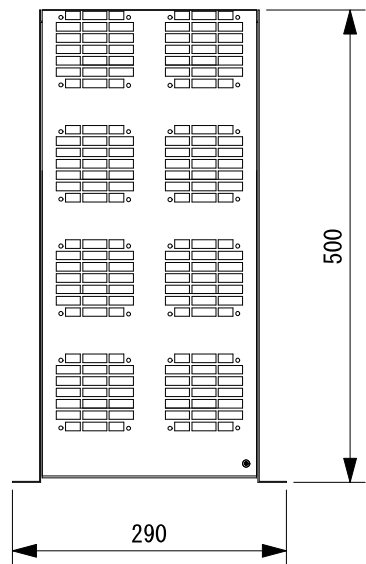
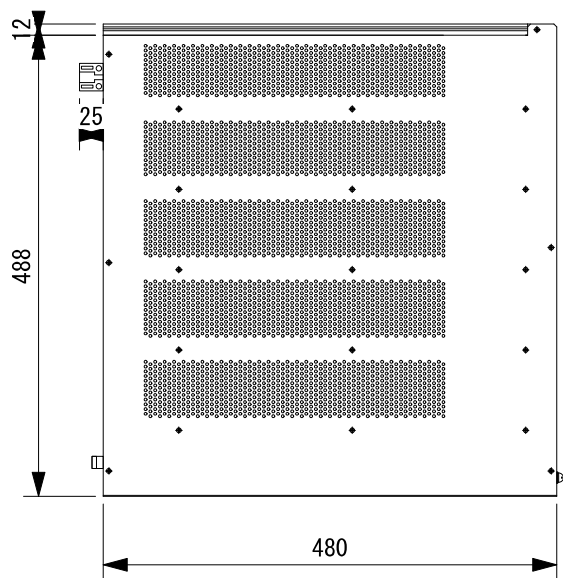


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Specification

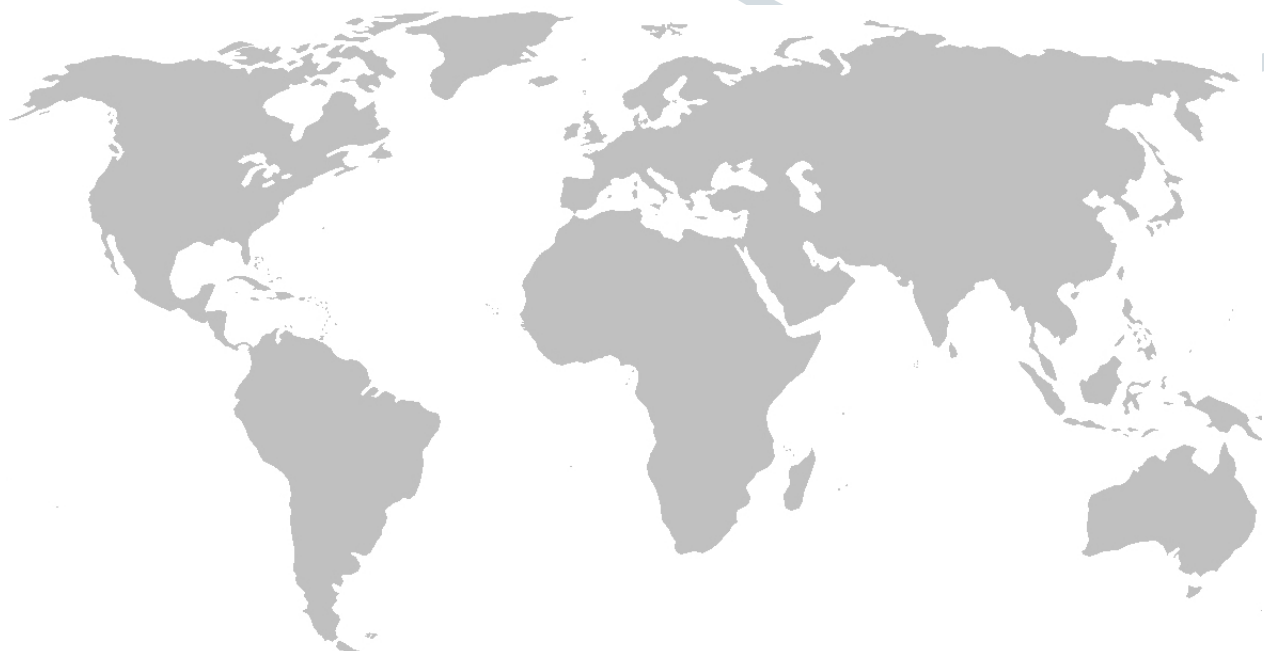
ITEMS	MODEL	ESK-048-3P2-8K0	ESK-110-3P2-8K0	ESK-125-3P2-8K0	ESK-250-3P2-8K0
Input Voltage Nominal		48VDC	110VDC	125VDC	250VDC
Input Voltage Range		40V...60V DC	96V...144V DC	108V...162V DC	216V...324V DC
Output Voltage		3-Phase 200V, 208V, 220V AC (Order Option)			
Max. Output Current		8000VA / 8000W (Continuous)			
Output Power Reserve		15 kW (60 sec at 20°C) & 30 kW for (1 sec at 20°C)			
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 (NO/NC)		Yes			
Enclosure Material/ Color		Gray / Black			
Cooling		Smart Fan: Natural up to +50°C			
Operating Temperature		-10°C to +70°C (Derating linearly to 50% load above +45°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 Compliance		EN61373 - Category 1, Class B			
Safety Compliance		EN60950-1			
EMI Compliance		EN55032 Class B			
Weight (typ.)		30 kg			
Dimensions (mm)		W:290 D:505 H:500			
Warranty		2-YEAR			

Drawing



ESK-xxx-3P2-8K0

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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.