

AETES

DC/125VDC Converter 9000W

*Power Boost of 300% for 1 sec
Designed for Utility Systems
Wide Temperature Range*

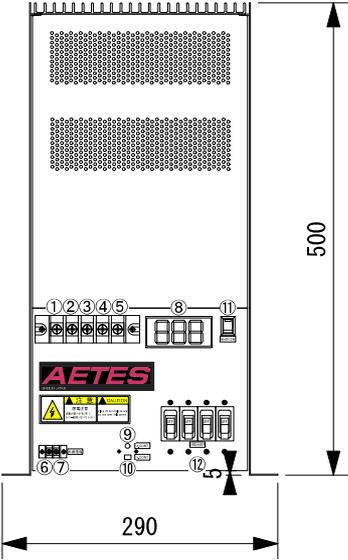
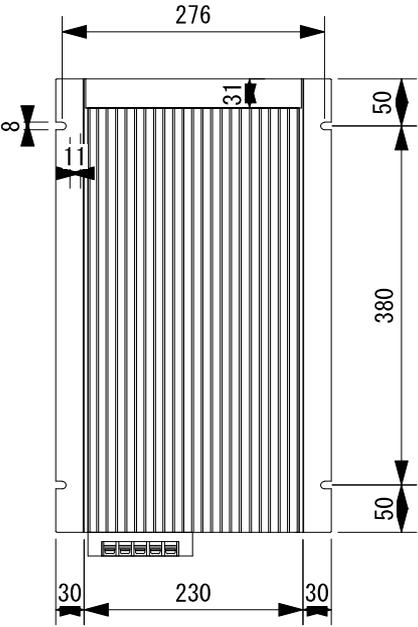
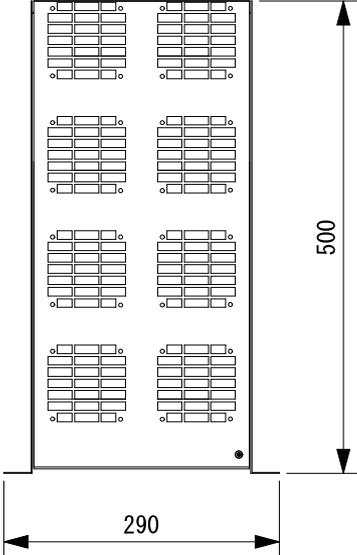
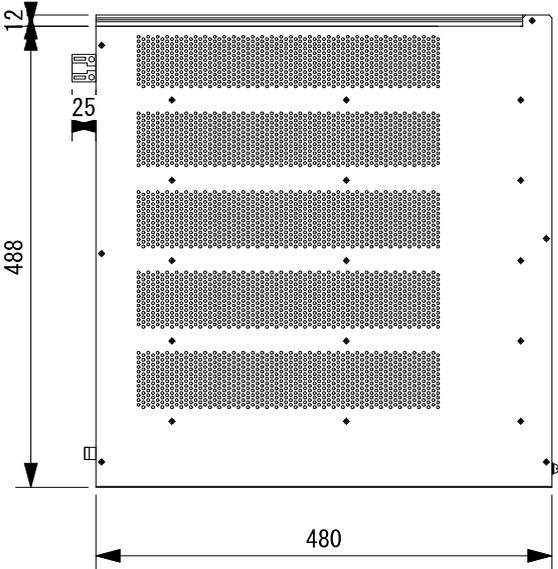


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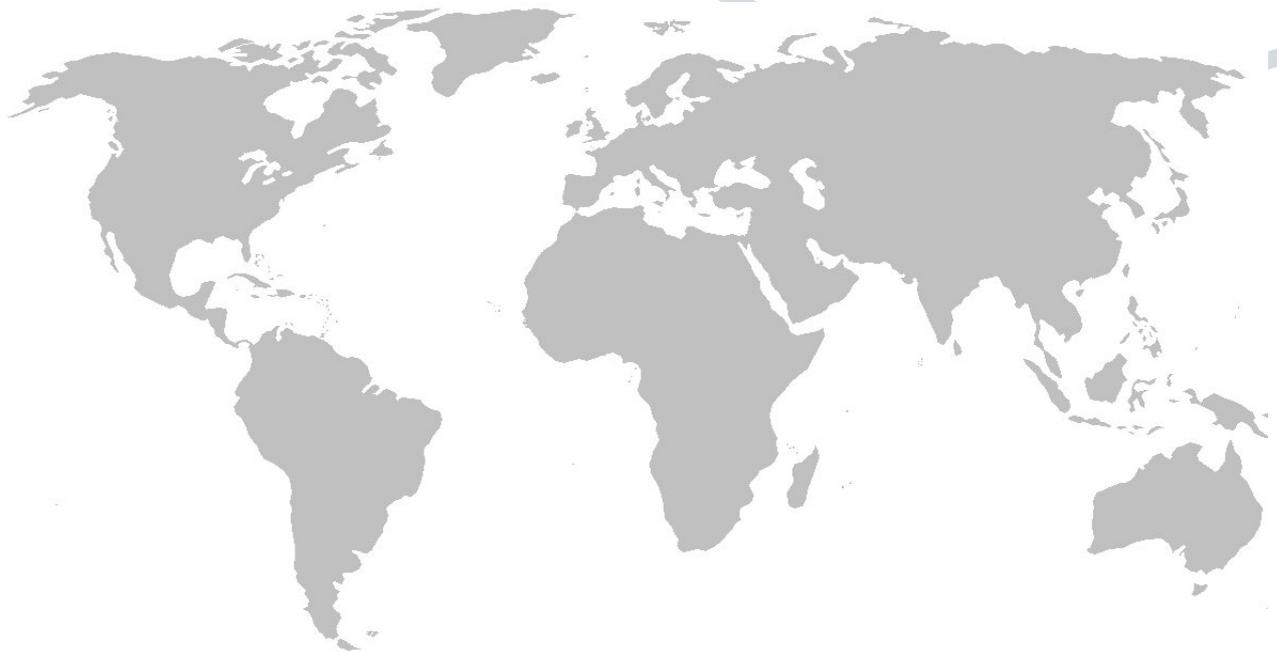
Specification

ITEMS	MODEL	CSK-048-125-9K0	CSK-110-125-9K0	CSK-220-125-9K0	CSK-250-125-9K0
Input Voltage Nominal		48VDC	110VDC	220VDC	250VDC
Input Voltage Range		40V...60V DC	90V...135V DC	180V...270V DC	216V...324V DC
Output Voltage		125VDC			
Max. Output Current		70 Amp / 9000W (Continuous)			
Output Power Reserve		140 Amp / 18000W for 1min and 210 Amp / 27000W 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 40% load above +40°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.)		30 kg			
Dimensions (mm)		W:290 D:505 H:500			
Warranty		2-YEAR			

Drawing



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