

# AETES

**125VDC/DC Converter 9000W**

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

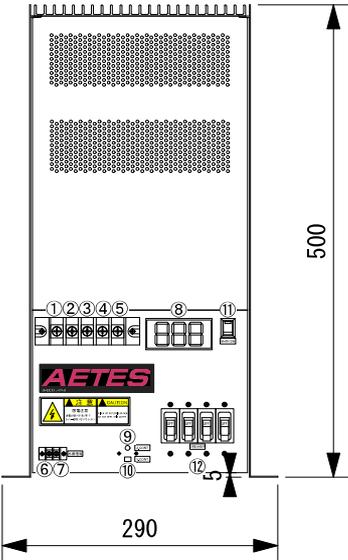
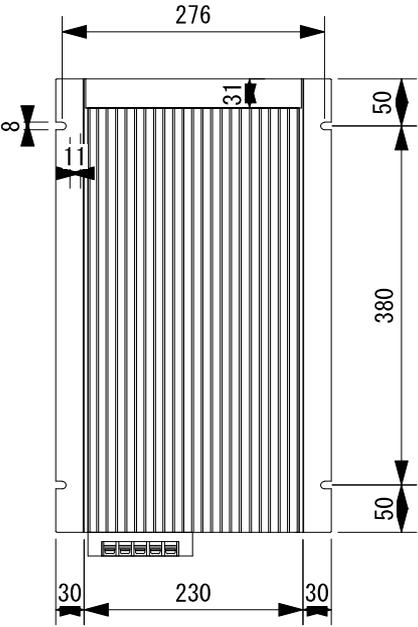
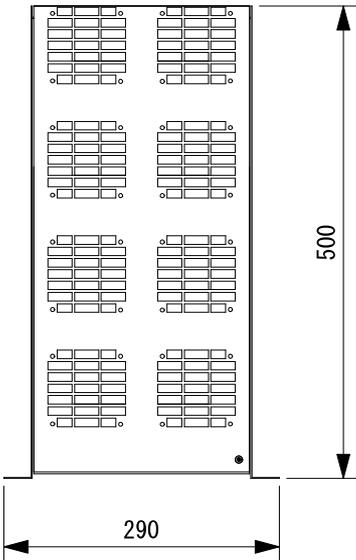
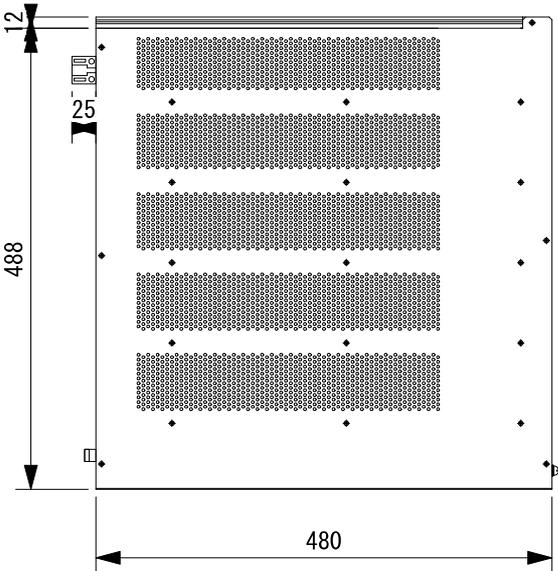


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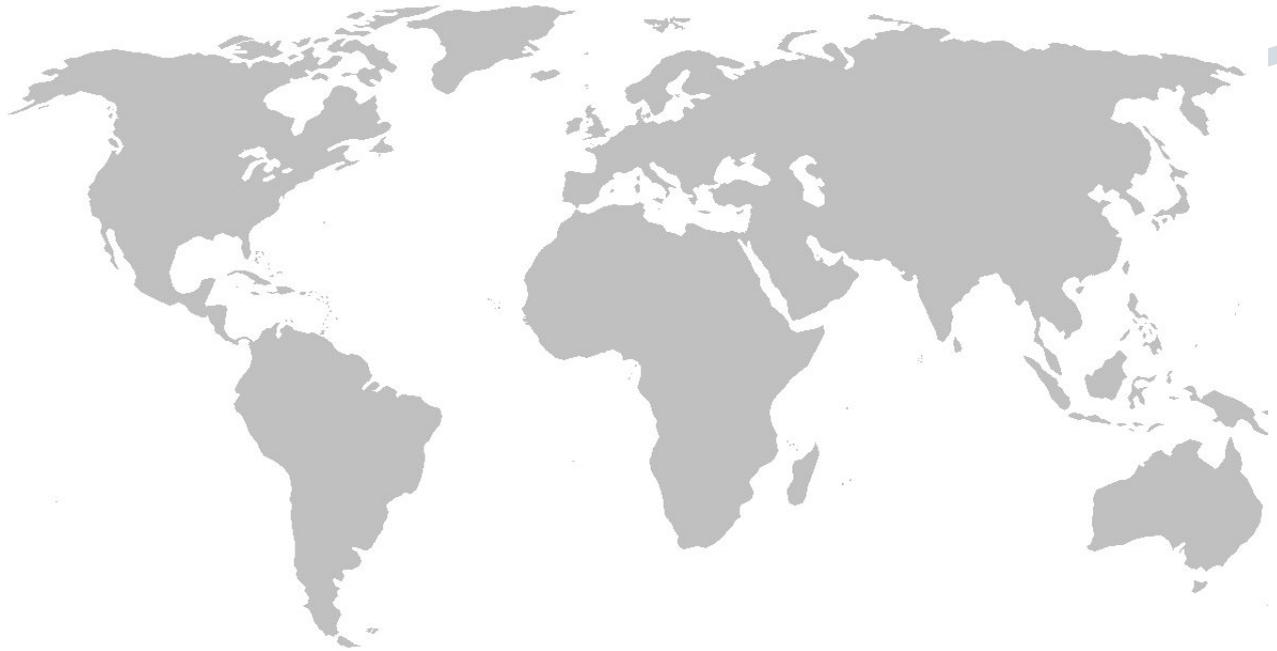
## Specification

ITEMS	MODEL	CSK-125-048-9K0	CSK-125-110-9K0	CSK-125-220-9K0	CSK-125-250-9K0
Input Voltage Nominal		125VDC			
Input Voltage Range		108V...162V DC			
Output Voltage		48VDC	110VDC	220VDC	250VDC
Max. Output Current		180 Amp (9000W)	80 Amp (9000W)	40 Amp (9000W)	35 Amp (9000W)
Output Power Reserve		18 kW for 30 sec and 27 kW for 1 sec (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



*"...power alliance..."*



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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.