

# AETES

## 110V DC/DC Converter 250W

Power Boost of 300% for 1 sec

Fanless Natural Convection

Three Years Warranty

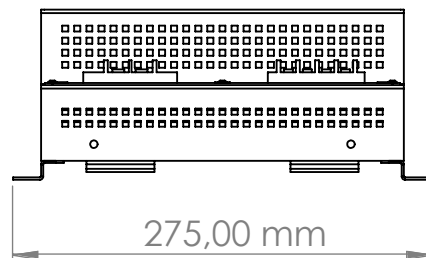
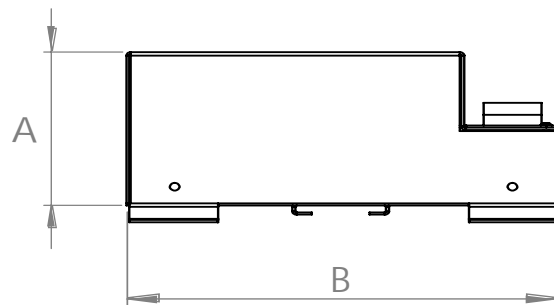
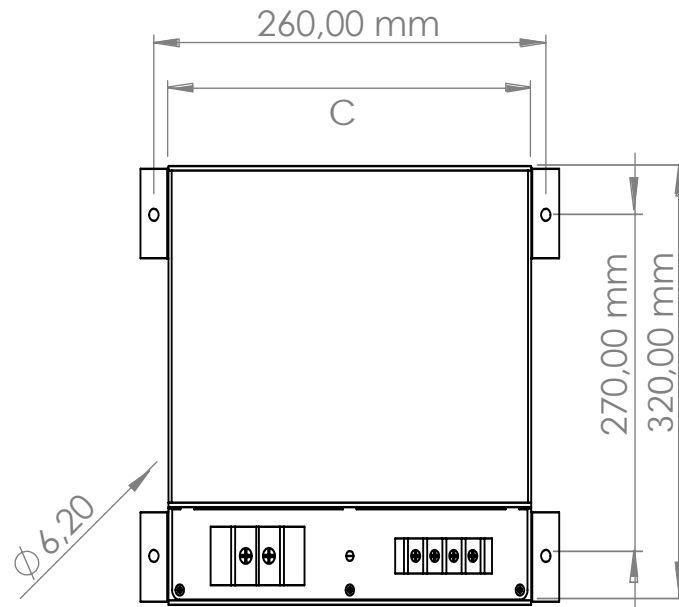


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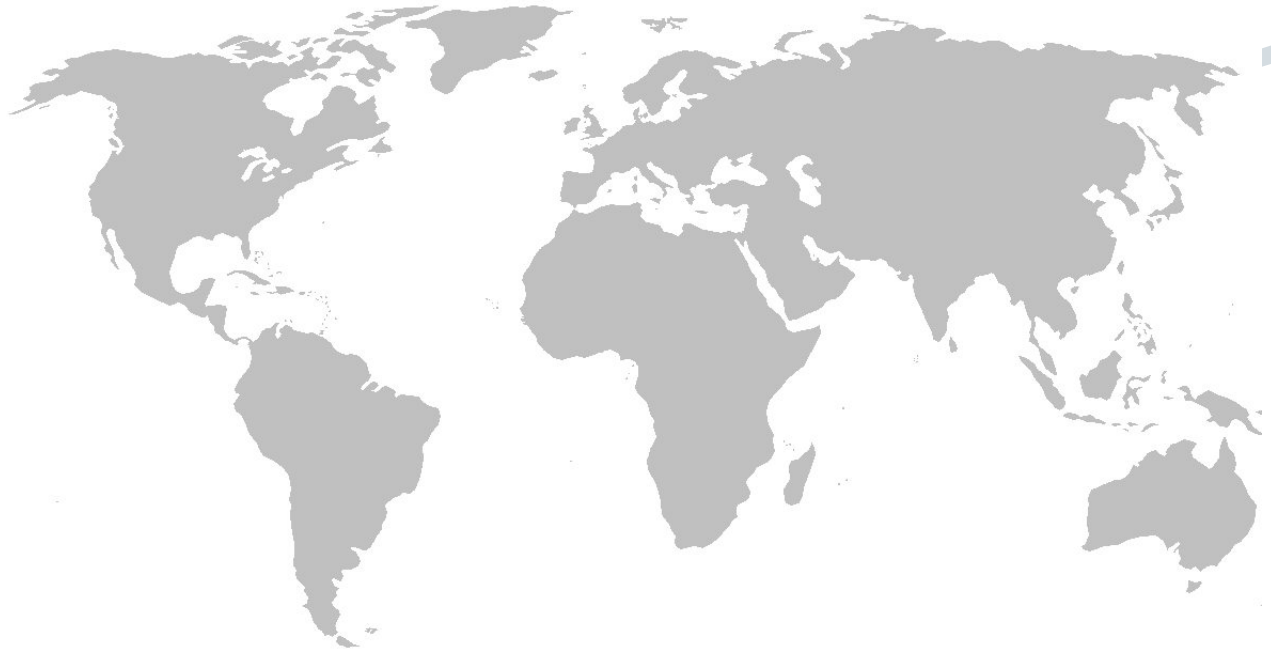
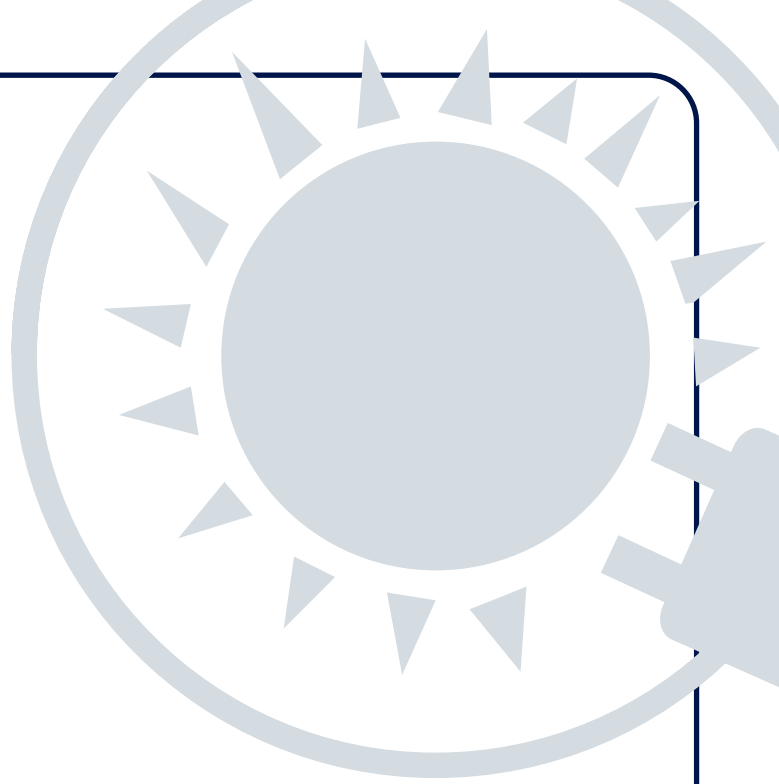
## Specification

ITEMS	MODEL	CPW-110-110-250	CPW-110-125-250	CPW-110-220-250	CPW-110-250-250
Output Voltage Nominal		110VDC	125VDC	220VDC	250VDC
Output Power (Continuous)		2,2A / 250W	2A / 250W	1,1A / 250W	1A / 250W
Input Voltage Nominal		110VDC			
Input Voltage Range		88V ... 132V DC			
Output Power Reserve		500 Watt for 10min and 750 Watt for 1sec (at <30°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.)		150mV			
Ripple Noise (max.)		200mV			
Mounting Kit		Ears Brackets			
Remote On/ Off		Optional			
DC-OK Contact		Optional			
Status Indicator LED		Optional			
Enclosure Material/ Color		Metal / Anthracite Grey (RAL7016 Texture)			
Cooling		Free Air Convection			
Operating Temperature		-10°C to +60°C (Derating linearly to 50% load above +30°C)			
Storage Temperature		- 40°C to +85°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.)		3,8 kg			
Dimensions		A:140 B:320 C:240 mm			
Warranty		3-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.