

AETES

110VDC PSU 800W & 1200W

Power Boost of 150% & 120%

Wide Temperature Range

Three Year Warranty

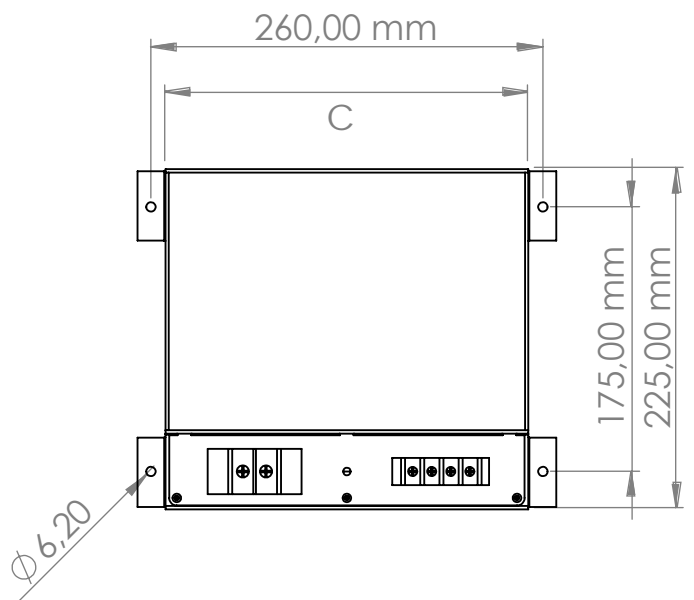
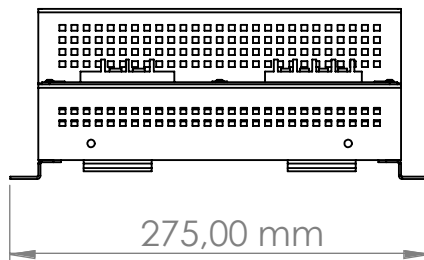
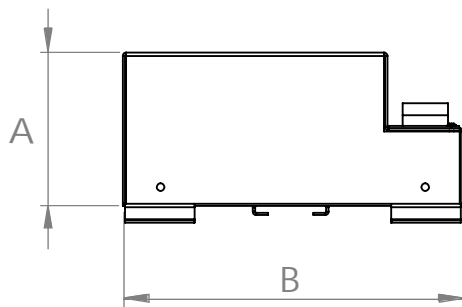
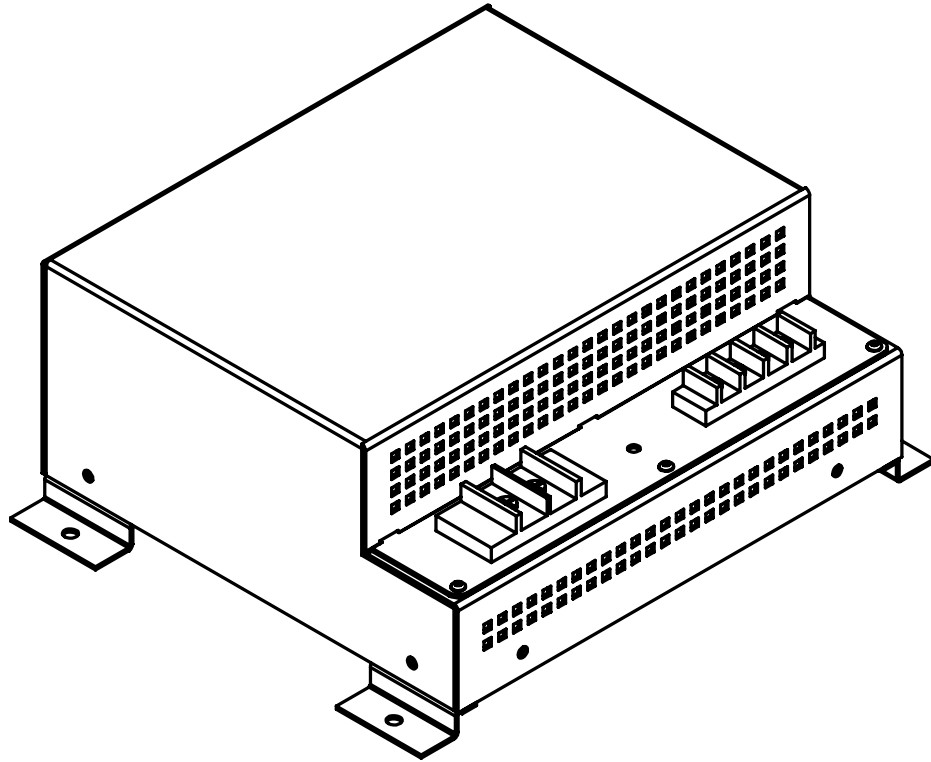


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Specification

ITEMS	MODEL	XRW-1P2-110-800	XRW-1P3-110-1K2
Input Voltage Range		200V/.../240V AC 50/ 60 Hz (176V...264V 47...63Hz)	100V/.../240V AC 50/ 60 Hz (86V...264V 47...63Hz)
Input Current (120/ 240 VAC)		Max. -- / 5A (Cold Start Inrush max.; 50-80A)	Max. 16A/ 8A (Cold Start Inrush max.; 50-80A)
Output Voltage		110VDC	110VDC
Max. Output Current (DC)		8A (800 Watt)	12A (1200 Watt)
Output Power Reserve		150% load for 30 seconds at <40°C	120% load for 5 seconds at <40°C
Output Over Current Protection		105% -150%	
Output Over Voltage Protection		110% -120%	
Over Temperature Protection		Yes	
Short-Circuit Protection		Continuous	
Efficiency (Full Load) (120/ 240V)		91/ 94 %	
Load Regulation (max.)		1 %	
Line Regulation (max.)		0.5 %	
Ripple Noise (max.)		400mV	
Mounting Kit		DIN Rail + Ears Brackets	
Remote On/ Off		Yes	
Power Good /Alarm Contact		Dry Contact (NO/ NC)	
Status Indicator LED		Blue: Ready Green: OK Red: Fault	
Enclosure Material/ Color		Aluminum / Anthracite Grey (RAL7016 Texture)	
Cooling		Free Air Convection	Internal Fan-Forced
Operating Temperature		-20°C to +70°C (Derating linearly to 50% load above +50°C) (Optionally; -40°C to +70°C)	
Storage Temperature		-40°C to +85°C	
Humidity (Non Condensing)		20-90% RH operating, 10-95% RH non operating	
Withstand Voltage (One Minute)		Input to Ground 2000VAC, Input to Output 4000VAC, Output to Ground 1500VAC	
Isolation Resistance		>100MΩ at 25°C & 95%RH, Output to Ground 500VDC	
MTBF		>200,000 h (MIL-HDBK-217F at 25°C)	
Immunity Compatibility		EN61000-4 / -2 -3 -4 -5 -6	
Safety Compatibility		EN60601-1, EN62368-1	
EMI Compatibility		EN55032 Class B	
Weight (Typ)		3,8 kg	5,2 kg
Dimensions		A:100 B: 225 C: 240 mm	
Warranty		3-YEAR	

Drawing



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