

AETES

110V DC RM 3U SERIES

Wide Input Voltage Range
19-inch Rack Mountable
Small Size Design

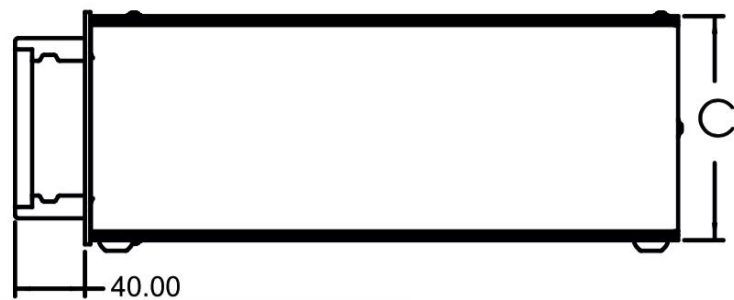
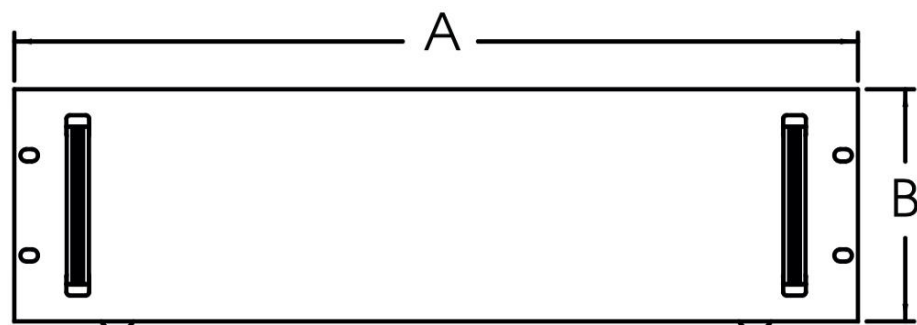
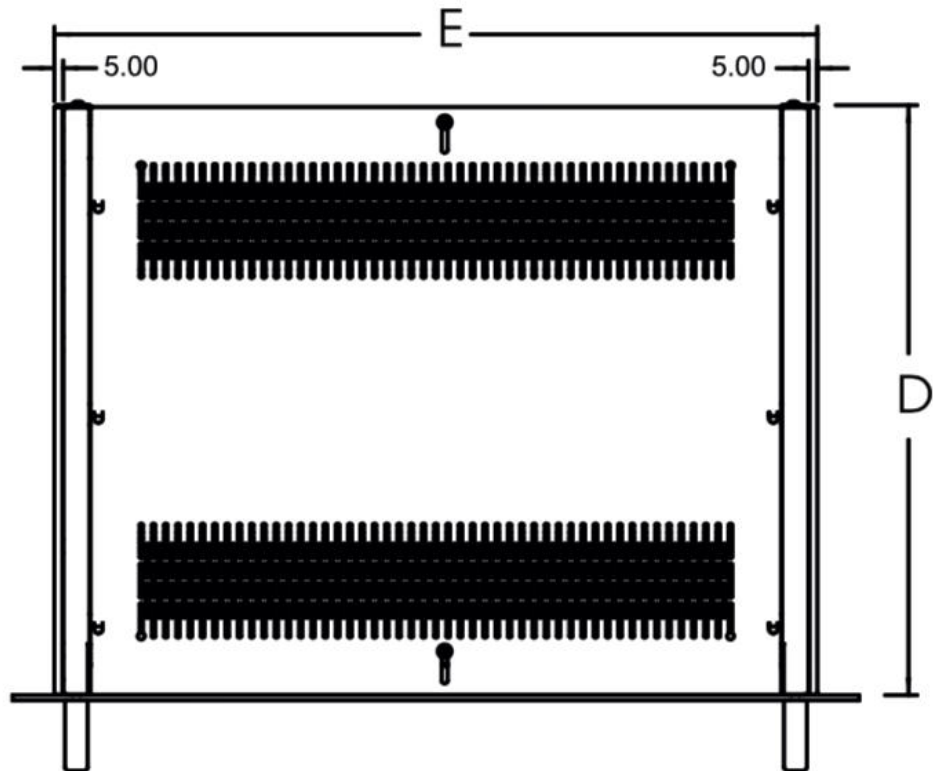


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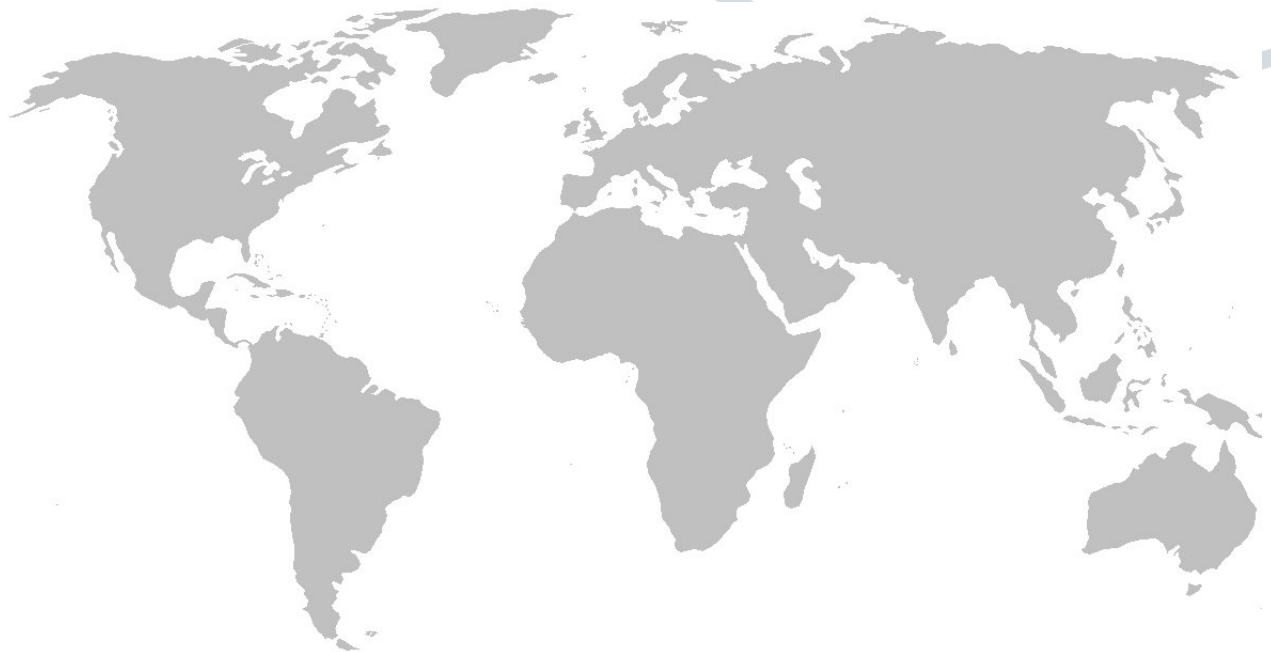
Specification

ITEMS	MODEL	230-110-3000RM-3U	230-110-4000RM-3U	230-110-5000RM-3U	230-110-6000RM-3U
Input Voltage Range		86V...264V AC (47...63Hz)			
Max. Input Current (230V AC)		20A	28A	34A	40A
Output Voltage		110V DC	110V DC	110V DC	110V DC
Max. Output Current (DC)		30A (3000 Watt)	40A (4000 Watt)	50A (5000 Watt)	60A (6000 Watt)
Power Factor		0.95 (Meets EN61000-3-2 Class A)			
Overcurrent Protection		>105% Constant current style			
Overvoltage Protection		115% -125%			
Over temperature Protection		Yes			
Hold Up Time (typ.)		20ms at 115V /230V AC			
Efficiency (230VAC)		≤88%			
Load Regulation (max.)		576 mV			
Line Regulation (max.)		384 mV			
Ripple Noise pp. (max.)		600 mV			
Remote On/Off		Optionally			
Auxiliary Alarm Signals		Optionally			
MQTT Communication		Optionally			
Dual Output		(110V+24V or 110V+48V etc.) Optionally			
Digital Display		Ammeter, Voltmeter			
Audible noise at 1m		< 45 dB(A), load and temperature dependent			
Enclosure Color		Anthracite Grey (RAL7016 Texture) / Black			
Cooling		Internal fan			
Withstand Voltage (One minute)		Input to Ground 2kVAC, Input to Output 3kVAC, Output to Ground 500VAC			
Isolation Resistance		>100MΩ at 25°C & 70%RH, Output to Ground 500VDC			
Operating Temperature		-20°C to 60°C, derating linearly to 60% load above 50°C			
Storage Temperature		-30°C to +75°C			
Humidity (non condensing)		10-90% RH non operating			
Safety Compatibility		EN60950-1			
EMI Compatibility		EN55011 / EN55022-B, FCC Class B			
Weight (Typ)		12 kg	14 kg	17 kg	18 kg
Dimensions		A: 483 B: 133 D: 335 mm		A: 483 B: 133 D: 425 mm	
Warranty		3 years			

Drawing



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