

AETES

48V DC RM 3U SERIES

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

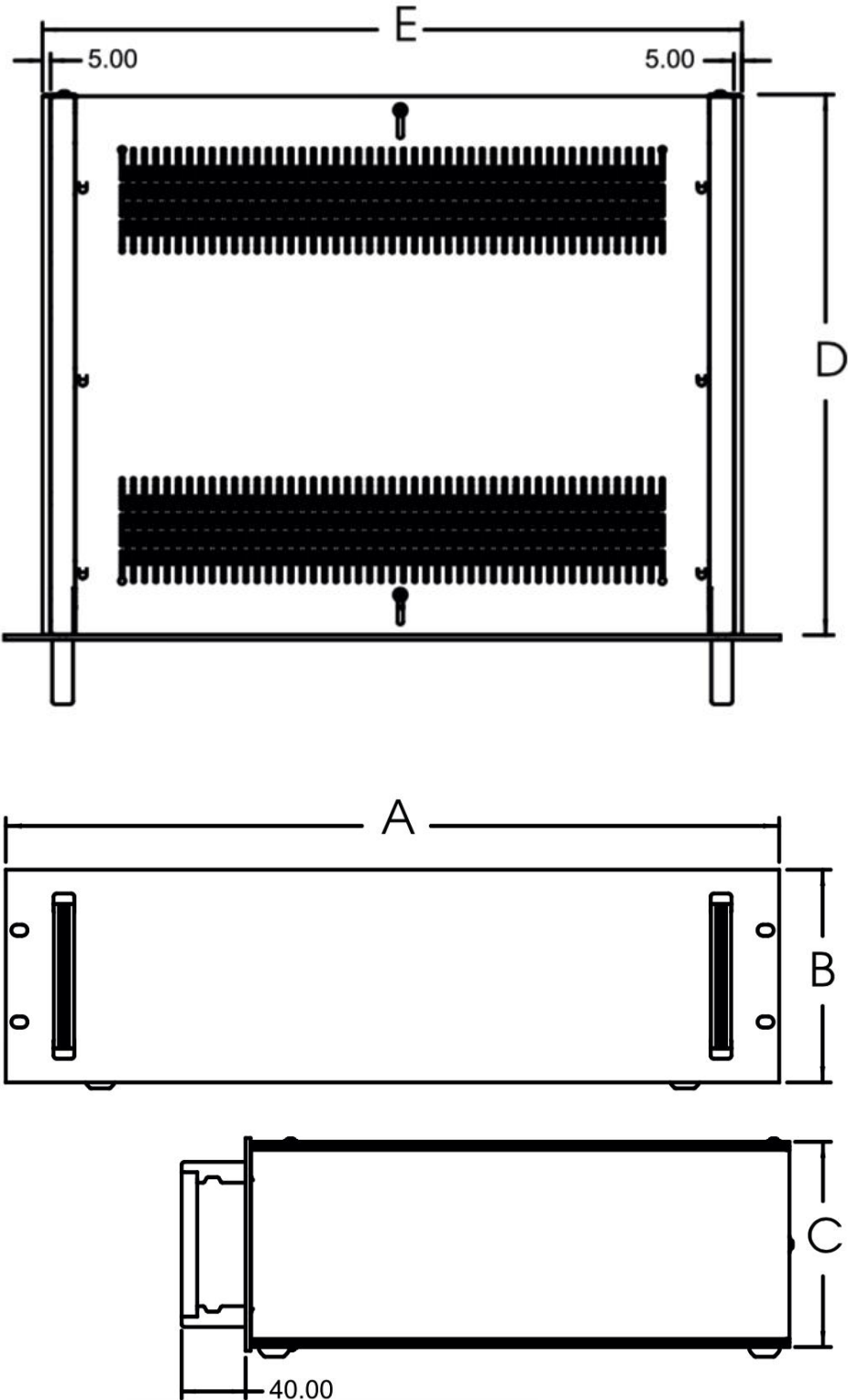


"...power alliance..."

Specification

MODEL	230-48-3000RM-3U	230-48-4000RM-3U	230-48-5000RM-3U	230-48-6000RM-3U	
ITEMS					
Input Voltage Range	86V...264V AC (47...63Hz)				
Max. Input Current (230V AC)	20A	28A	34A	40A	
Output Voltage	48V DC	48V DC	48V DC	48V DC	
Max. Output Current (DC)	60A (3000 Watt)	80A (4000 Watt)	100A (5000 Watt)	120A (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.)	288 mV				
Line Regulation (max.)	192 mV				
Ripple Noise pp. (max.)	300 mV				
Remote On/Off	Optionally				
Auxiliary Alarm Signals	Optionally				
MQTT Communication	Optionally				
Dual Output	(48V+24V or 48V+28V 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



"...power alliance..."



AETES
"...power alliance..."

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.