

AETES

220VDC PSU 2200W-4400W

Power Boost of 125% for 5s
Industrial Grade Design
Three Year Warranty

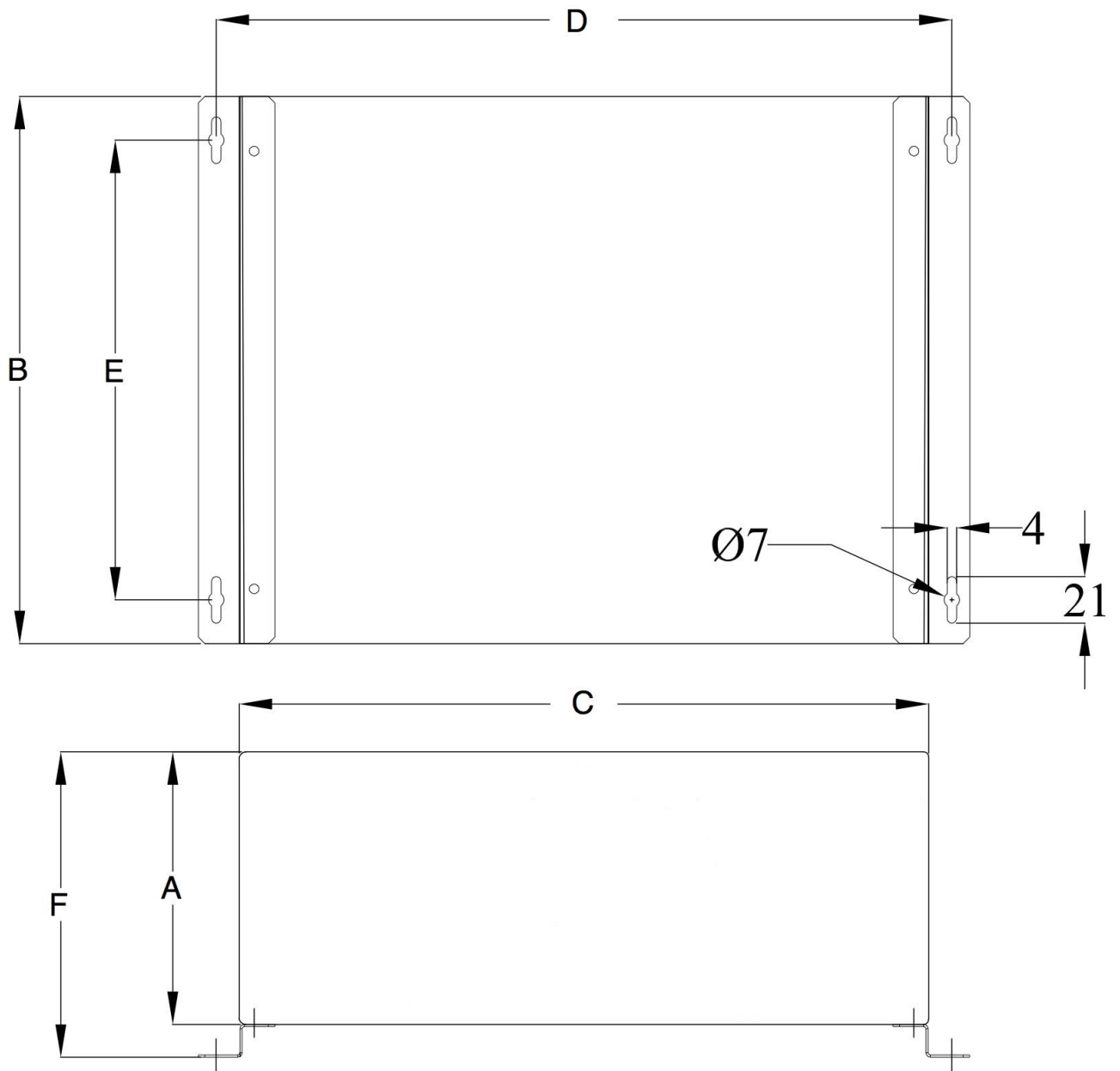


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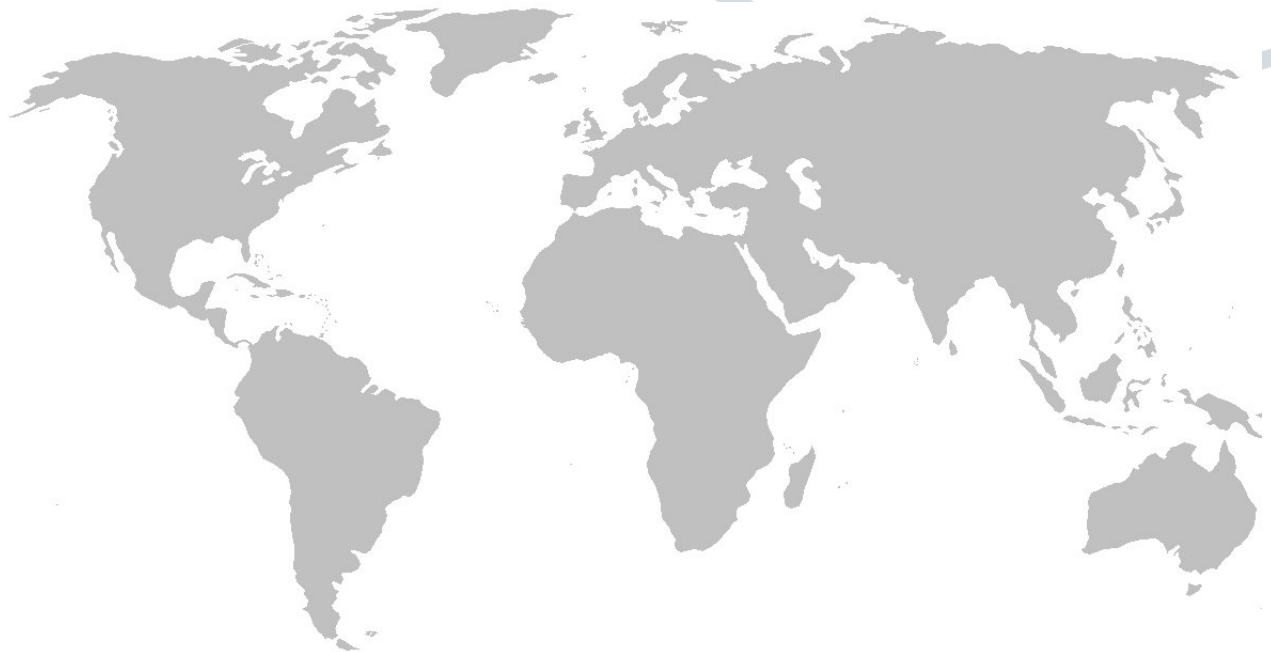
Specification

ITEMS	MODEL	230-220-2200W	230-220-4400W
Output Voltage		220VDC	
Max. Output Current (DC)		10A (2200 Watt)	20A (4400 Watt)
Input Voltage Range		100V/...240V AC 50/60 Hz (86V...264V 47..63Hz)	
Input Current (120/240 VAC)		28.8A/ 14.4A	58A/ 30A
Output Power Reserve		125% peak load for 5 seconds at <45°C	
Power Factor		0.9 (Meets EN61000-3-2 Class A)	
Overcurrent Protection		>105-125% Constant current style	
Overvoltage Protection		125% -140%	
Hold Up Time (Typ)		20ms	
Efficiency (120V/ 240V AC)		<85% / <88%	
Load Regulation (max.)		1536 mV	1152 mV
Line Regulation (max.)		768 mV	768 mV
Ripple Noise (max.)		800 mV	1200 mV
Remote On/Off		Optionally	
Status Indicator & Dry Contact		Optionally	
Multiple Output Voltage		N/A	
Enclosure Color		Grey (RAL7035)	
Operating Temperature		-20°C...+70°C, derating linearly to 50% load above 50°C	
Storage Temperature		-30°C to +75°C	
Humidity (non condensing)		30 - 90% RH operating, 10 - 90% RH non operating	
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	
Vibration Compatibility		MIL-STD-810F 514.5 CAT. 4,10	
Shock Compatibility		<196.1 m/s ²	
Immunity Compatibility		EN61000-4-2 -3 -4 -5 -6 -8 -11	
Safety Compatibility		EN60950-1	
EMI Compatibility		EN55011 / EN55022-B FCC Class B	
Weight (Typ)		10,5 kg	18,5 kg
Dimensions (mm)		A:125 B:250 C:315	A:135 B:320 C:420
Warranty		3-YEAR	

Drawing



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