

AETES

110VDC PSU 1100W-4400W

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

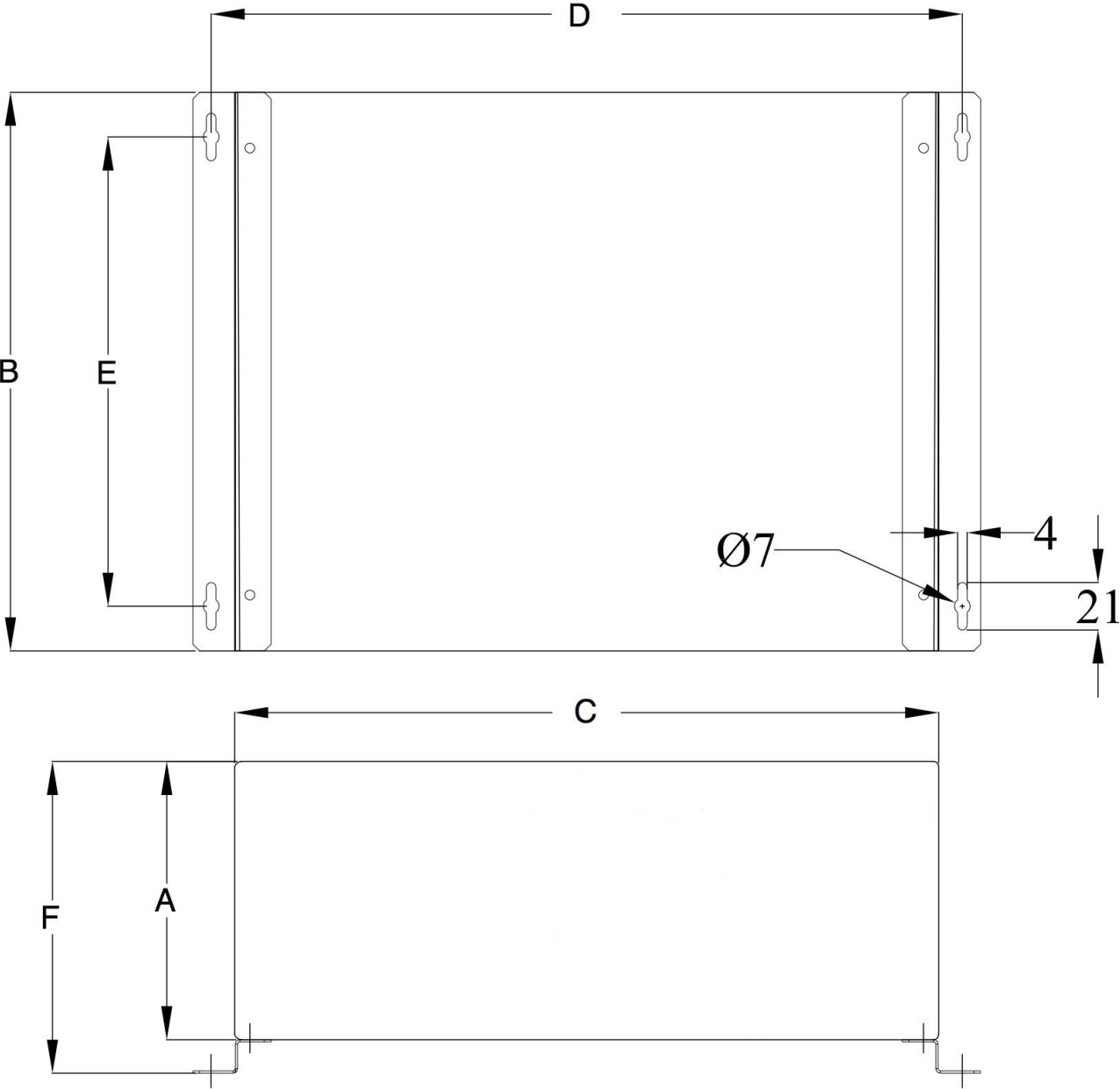


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Specification

MODEL	230-110-1100W	230-110-2200W	230-110-3300W	230-110-4400W
ITEMS				
Output Voltage	110VDC			
Max. Output Current (DC)	10A (1100 Watt)	20A (2200 Watt)	30A (3300 Watt)	40A (4400 Watt)
Input Voltage Range	100V/...240V AC 50/60 Hz (86V...264V 47..63Hz)			
Input Current (120/240 VAC)	14.4A/ 7.2A	28.8A/ 14.4A	44A/ 22A	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.)	768 mV		576 mV	
Line Regulation (max.)	384 mV		384 mV	
Ripple Noise (max.)	400 mV		600 mV	
Remote On/Off	Optionally			
Status Indicator & Dry Contact	Optionally			
Multiple Output Voltage	Optionally (Vout1=110V Vout2= 24V/.../110V Vout3= 5V/.../60V)			
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/s2			
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)	5,5 kg	10,5 kg	12,5 kg	18,5 kg
Dimensions (mm)	A:125 B:250 C:165	A:125 B:250 C:315	A:135 B:270 C:315	A:135 B:320 C:420
Warranty	3-YEAR			

Drawing



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