

# AETES

## 48V DC POWER SUPPLY

Wide Temperature Range  
Industrial Grade Design  
Five Years Warranty

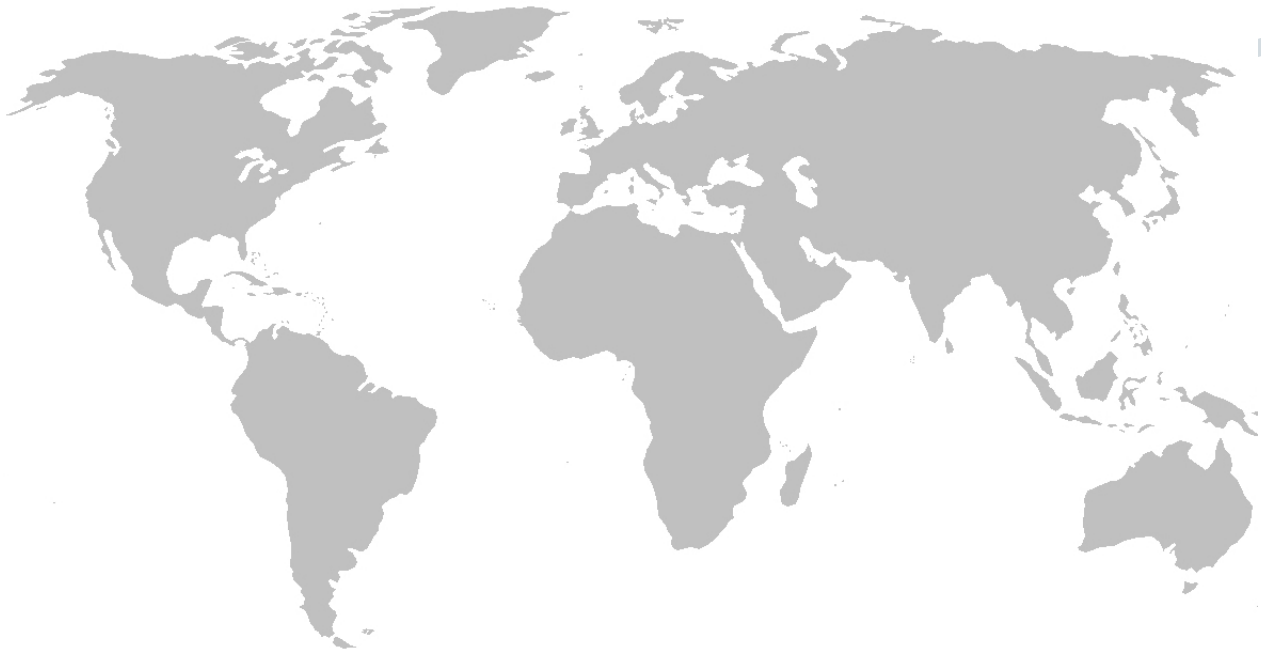
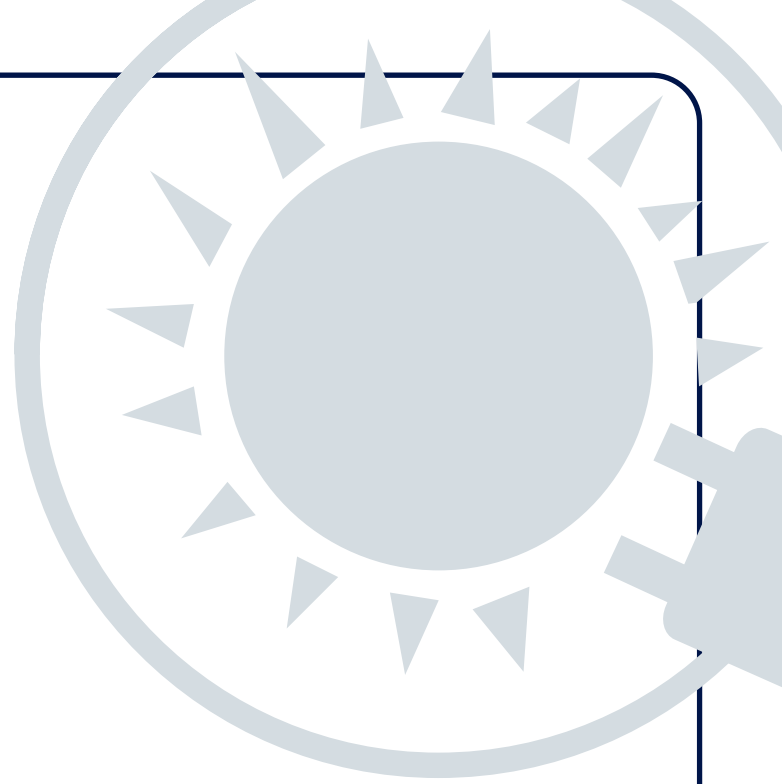


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## Specification

MODEL		230-48-1200W	230-48-2400W
ITEMS			
Input Voltage range	-	85 - 265V AC (47 - 63Hz)	
Output Voltage	-	48V DC	
Input Current (230V AC)	-	7,2A	15A
Max. Output Current (DC)	-	25A	50A
Power Factor	-	0.9 (Meets EN61000-3-2 Class A)	
Overcurrent Protection	-	>105%, Constant current style	
Overvoltage Protection	V	125% -140%	
Over temperature Protection	-	Yes, cycle AC	
Hold Up Time (Typ)	ms	20ms at 115V/ 230VAC	
Efficiency ( 230VAC )	%	88.5	
Load Regulation (max.)	mV	385	
Line Regulation (max.)	mV	196	
Ripple Noise (max.)	mV	220	
Remote On/Off (CNT)	-	Optionally	
DC Good & Fan Fail Signal	-	Optionally	
Military Type Socket	-	Optionally	
Enclosure Color	-	Grey	
Operating Temperature	-	-20°C to 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, Output to CNT 100VAC	
Isolation Resistance	-	>100MΩ at 25°C & 70%RH, Output to Ground 500VDC	
Vibration (non operating)	-	MIL-STD-810F 514.5 CAT. 4,10	
Shock	-	<196.1 m/s <sup>2</sup>	
Immunity Compatibility	-	EN61000-4 - 2 -3 -4 -5 -6 -8 -11	
Safety Compatibility	-	EN60950-1	
Conducted & Radiated EMI	-	EN55011 / EN55022-B, FCC Class B	
Weight (Typ)		5,5 kg	10,5 kg
Size ( D x H x W )	mm	270 x 140 x 165	270 x 140 x 315
Warranty	yrs	5	

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