

1000 Watt, RSP-1000 Series, Enclosed Power Supply

ALL PSU LTD
Electronic Power Solutions

- Universal AC Input with PFC
- High Efficiency up to 90%
- High Reliability, 3 Year Warranty
- Short Circuit, Over Voltage, Over Load, Over Temperature Protection
- Full Approvals : UL/CUL/TUV/CB/CE
- Remote On/Off Control
- Remote Sense, Power Good Signal
- Wide Output Trim 40-110%
- Current Share (up to 4 units = 4000 Watts)
- Auxiliary Output 5 Volts 0.5 Amps



Specification

Input Voltage.....	90~264 VAC, 47~63 Hz (120-370 VDC)
Power Factor.....	0.95 @ 230 VAC, 0.98 @ 115 VAC
Output Voltage.....	See table below (plus min +/- 10% potentiometer adjustment range)
Output Voltage Trim Facility.....	40-110% By External Resistor or Voltage
Over Load Protection.....	105~125% O/P Constant Current
Over Voltage Protection.....	Dependant On Model, typically 135%
Set Up, Rise, Hold Up Time.....	typ 300ms, 50ms, 16ms @ Full Load
Withstand Voltage.....	I/P-O/P: 3 kVAC, I/P-F/G: 1.5kVAC, O/P-F/G: 0.5kVAC
Operating Temperature	-20 to +60 °C, see derating curve
Safety Standards.....	UL60950-1 TUV EN60950-1
EMC.....	EN55022, (CISPR22) EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3 ENV50204, EN55024, EN61000-6-2 EN61204-3 Heavy Industrial Level Criteria A
Mechanical Size & Weight.....	295 x 127 x 41 mm, 1.95 Kg
Connections Input & Output.....	Screw Terminals / Studs

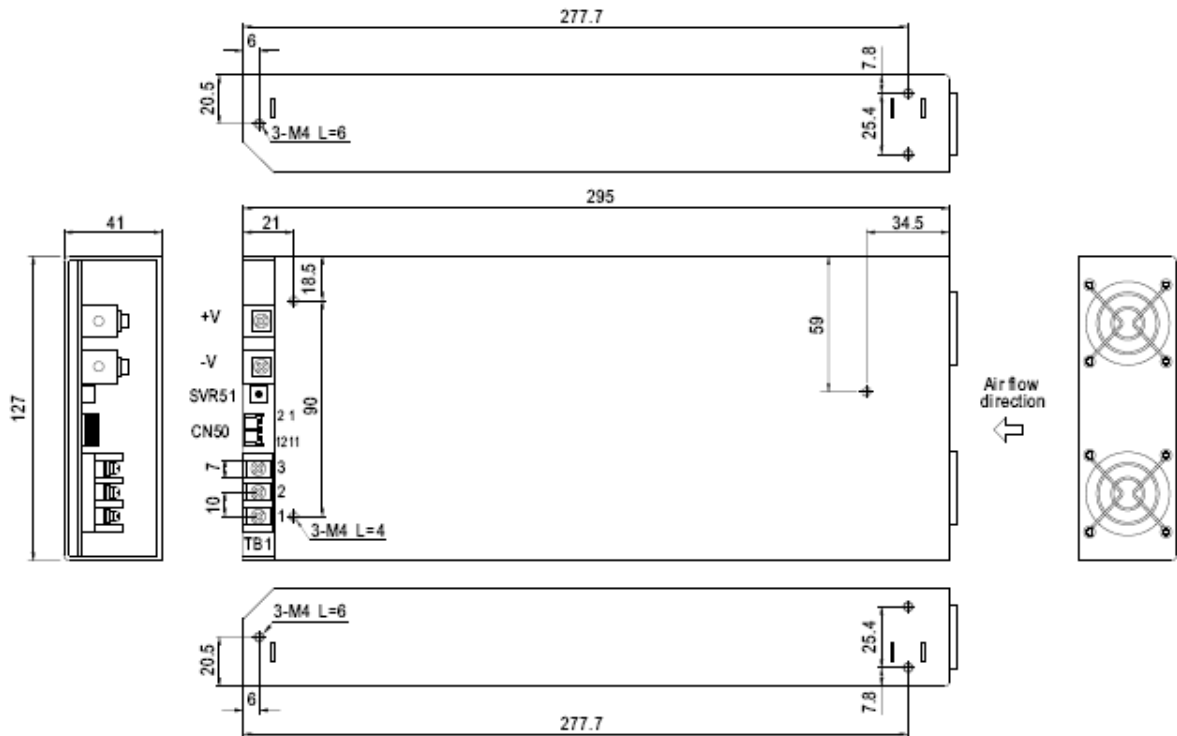
Models and Ratings

Model	Output Voltage	Output Range	Maximum Output Current	Efficiency
RSP-1000-12	12 Volts	4.8 to 13.5 Volts	60 Amps	83 %
RSP-1000-15	15 Volts	6 to 16.5 Volts	50 Amps	85 %
RSP-1000-24	24 Volts	9.6 to 26.4 Volts	40 Amps	88 %
RSP-1000-27	27 Volts	10.8 to 30 Volts	37 Amps	88 %
RSP-1000-48	48 Volts	19.2 to 55 Volts	21 Amps	90 %

Please see next page for mechanical drawings.

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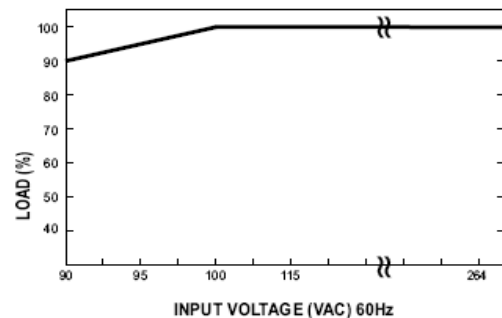
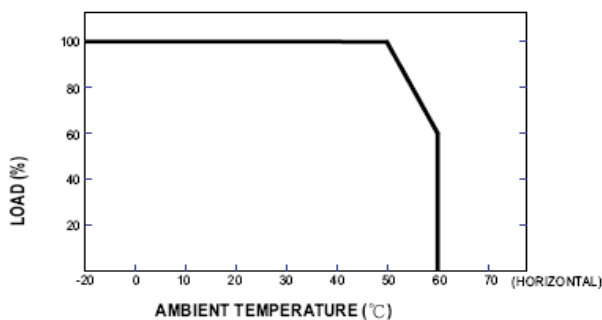
Mechanical Drawings.



AC Input Connections	
Terminal	Function
1	AC Neutral
2	AC Live
3	Input Earth

Control Pin No. Assignment (CN50) : HRS DF11-12DP-2DS Or Equivalent					
Pin No	Assignment	Pin No	Assignment	Mating Housing	Terminal
1	+S	7	Current Share	HRS DF11-12DS Or Equivalent	HRS DF11-**SC Or Equivalent
2	-S	8	Vco		
3	G-AUX	9	Vci		
4	5V-AUX	10	Vca		
5	DC OK	11	GND		
6	ON / OFF	12	GND		

Derating, (Input AC Supply & Temperature)



Specifications may change without notice. E&OE. ALL PSU Terms & Conditions apply.

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