

1500 Watt, RSP-1500 Series, Enclosed Power Supply

ALL PSU LTD
Electronic Power Solutions

- Universal AC Input with PFC
- High Efficiency up to 91%
- 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 70-110%
- Current Share (up to 4 units = 6000 Watts)



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 +/- 10% potentiometer adjustment range)
Output Trim Facility.....	70-100% By External Resistor
Over Load Protection.....	105~135% O/P Constant Current Shuts down after 5 Secs
Over Voltage Protection.....	Dependant On Model, typically 135%
Set Up, Rise, Hold Up Time.....	typ 1500ms, 100ms, 10 to 16ms depending on model.
Withstand Voltage.....	I/P-O/P: 3 kVAC, I/P-F/G: 1.5kVAC, O/P-F/G: 0.5kVAC
Operating Temperature	-20 to +70 °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 Light Industrial Level Criteria A
Mechanical	278 x 127 x 83.5 mm (plus connections and fan to length)
Connections Input & Output.....	Screw Terminals & Bus Bars.

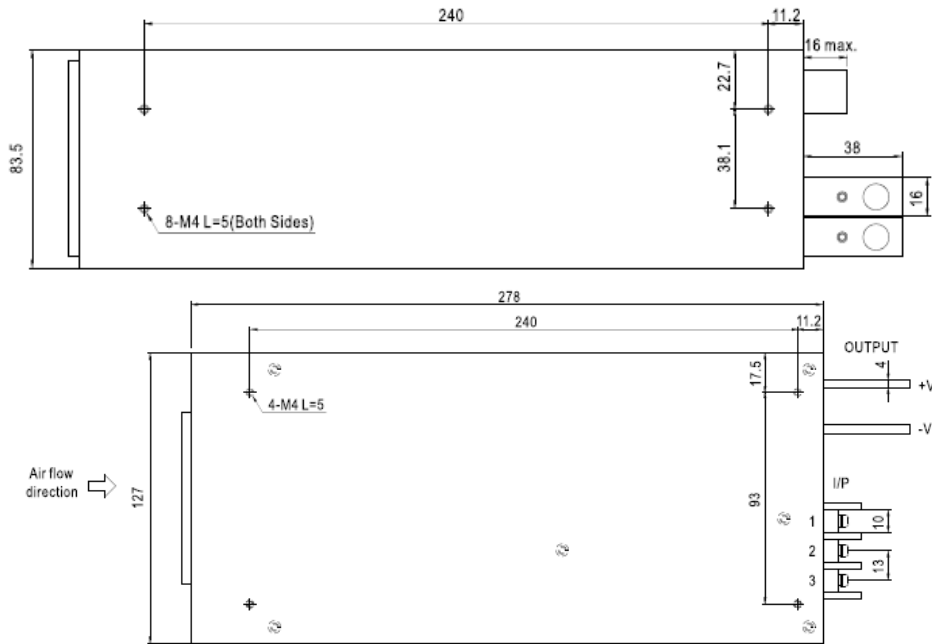
Models and Ratings

Model	Output Voltage	Output Current	Efficiency
RSP-1500-5	5 V	240 A	80 %
RSP-1500-12	12 V	125 A	87 %
RSP-1500-15	15 V	100 A	87 %
RSP-1500-24	24 V	63 A	90 %
RSP-1500-27	27 V	56 A	90 %
RSP-1500-48	48 V	32 A	91 %

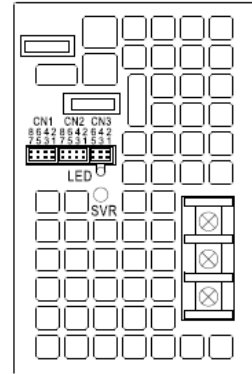
Please see next page for mechanical drawings.

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Mechanical Drawings.



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



Control Pin No. Assignment (CN1, CN2) : HRS DF11-8DP-2DS Or Equivalent					
Pin No	Assignment	Pin No	Assignment	Mating Housing	Terminal
1	RCG	4	TRIM	HRS DF11-8DS Or Equivalent	HRS DF11-**SC Or Equivalent
2	RC2	6	LS (Current Share)		
3,5,7	-S	8	+S		

RCG : Remote on/off Ground
RC2 : Remote on/off
-S : -Remote sensing

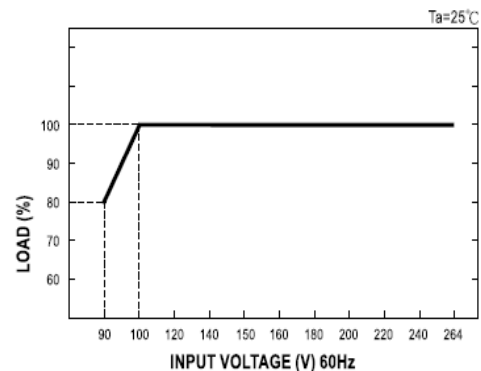
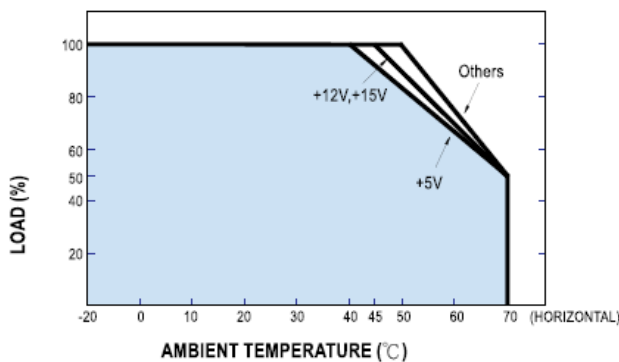
TRIM : Adjustment of Output Voltage 70 to 100%
LS : Load Share
+S : + Remote Sensing

Control Pin No. Assignment (CN3) : HRS DF11-6DP-2DS Or Equivalent					
Pin No	Assignment	Pin No	Assignment	Mating Housing	Terminal
1	P OK GND	4	AUXG	HRS DF11-6DS Or Equivalent	HRS DF11-**SC Or Equivalent
2	P OK	5	RC1		
3	RCG	6	AUX		

P OK GND : Power OK Ground
P OK : Power OK Signal
RCG : Remote on/off Ground

AUXG : Auxiliary Ground
RC1 : Remote on/off
AUX : Auxiliary Output (12 Volts at up to 0.1 Amp)

Derating, (Input AC Supply & Temperature)



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