

- 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 20-110%
- Current Share (up to 3 units = 8,100 Watts)



Specification

Input Voltage.....	180~264 VAC, 47~63 Hz (254-370 VDC)
Power Factor.....	0.95 @ 230 VAC
Output Voltage.....	See table below (plus +/- 10% potentiometer adjustment range)
Output Trim Facility.....	20-110% by external resistor or voltage signal
Parallel Operation.....	Up to 3 identical units, derate to 90% maximum power
Over Load Protection.....	100~110% O/P Constant Current, shut down after 5 secondsor can be set for continuous constant current output.
Over Voltage Protection.....	12 V = 13.8~16.8V, 24 V = 28.8~33.6V, 48 V = 57.6~67.2V
Set Up, Rise, Hold Up Time.....	typ 1000ms, 80ms, 10ms @ 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 +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 177.8 x 63.5 mm (plus connections & fans to length)
Connections Input & Output.....	Screw Terminals & Bus Bars

Models and Ratings

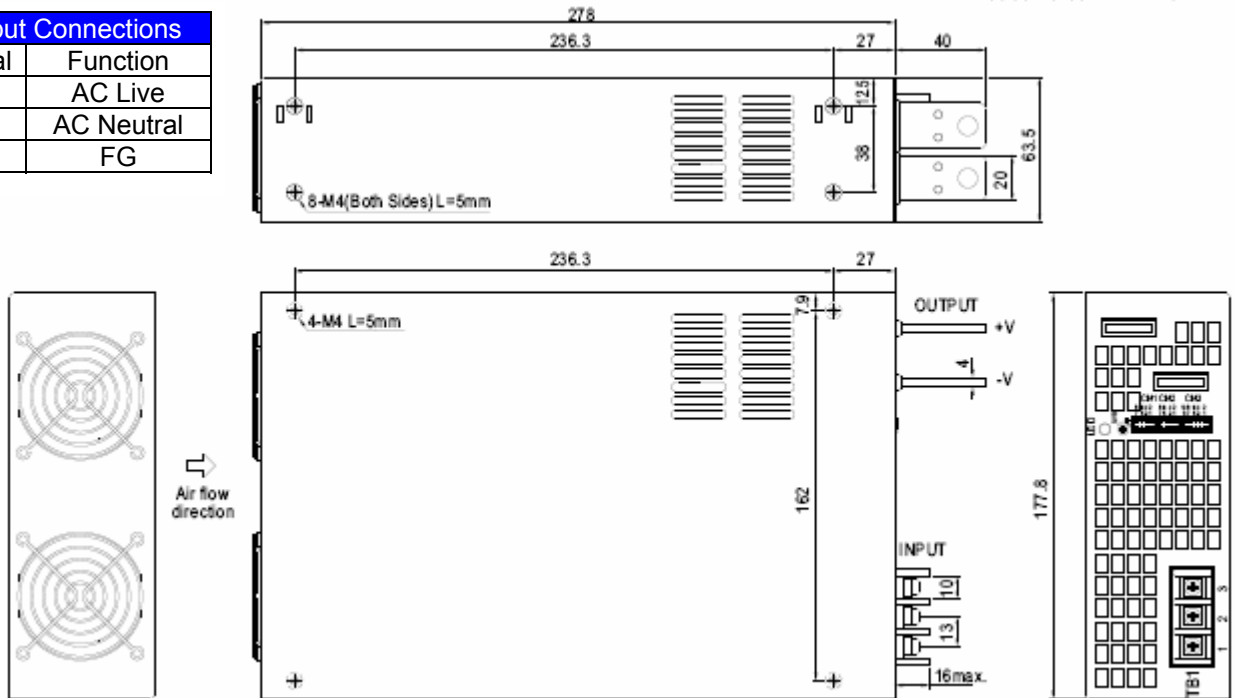
Model	Output Voltage	Output Range	Output Current	Efficiency
RSP-3000-12	12 V	2.4 to 13.2 V	200 A	86 %
RSP-3000-24	24 V	4.8 to 28 V	125 A	89 %
RSP-3000-48	48 V	9.6 to 56 V	62.5 A	90 %

Please see next page for mechanical drawings.

3000 Watt, RSP-3000 Series, Enclosed Power Supply

ALL PSU LTD
Electronic Power Solutions

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



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

RCG : Remote on/off Ground

PS : Reference Voltage Terminal

+S : + Remote Sensing

RC : Remote on/off

-S : - Remote Sensing

PV : Output Voltage External Control

CS : Load Share

Control Pin No. Assignment (CN3) : HRS DF11-10DP-2DS Or Equivalent							
Pin No	Assignment	Pin No	Assignment	Pin No	Assignment	Mating Housing	Terminal
1	P OK GND	4	P OK 2	7	AUXG	HRS DF11-10DS Or Equivalent	HRS DF11-**SC Or Equivalent
2	P OK	5	RCG	8	AUX		
3	P OK GND 2	6	RC	9	OLP		
				10	OL-SD		

P OK GND : Power OK Ground

AUXG : Auxiliary Ground

OLP : OLP Signal

P OK : Power OK Signal

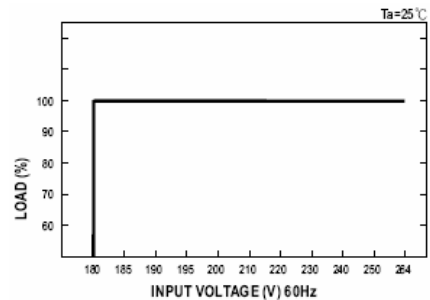
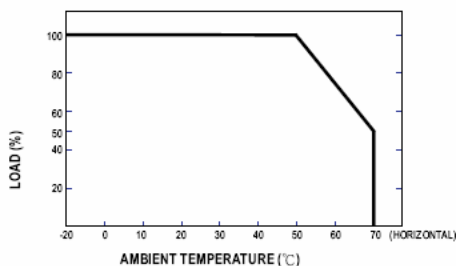
RC : Remote on/off

OL-SD : OLP Shutdown Signal

RCG : Remote on/off Ground

AUX : Auxiliary Output (12 V / 0.1 A)

Derating, (Input AC Supply & Temperature)



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

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