

## ALL PSU DATA SHEET.

### 1000 Watt RSP Series, Single Output, (Up to 4000 Watts Parallel Facility).

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



Size 295 x 127 x 41mm

#### Specification.

Input Voltage	90~264 VAC, 47~63Hz (127 ~ 370 VDC)
Power Factor	0.95 @ 230 VAC, 0.98 @ 115 VAC
Output Voltage	See Table Below (plus min +/-10% adjustment range via pot)
Output Voltage Trim	40-100% 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 : 3KVAC, I/P-FG:1.5KVAC,O/P-FG : 0.5KVAC
Operating Temperature	-20 ~ 60°C ( 100% to 50°C, 60% @ 60°C )
Safety Standards	UL60950-1, TUV EN60950-1
EMC Standard	EN55022, (CISPR22) EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3, ENV50204, EN55024, EN61000-6-2, EN61204-3 Heavy industry level Criteria A
MTBF	35K Hours, MIL-HDBK-217F (25°C)
Mechanical Size & Weight	295 x 127 x 41mm, 2Kg.
Connections	Input & Output Screw Terminals,

Model	Output	Ripple/Noise	Efficiency
<a href="#">RSP-1000-12</a>	12 Volts / 60 Amps	150mV p-p	83%
<a href="#">RSP-1000-15</a>	15 Volts / 50 Amps	150mV p-p	85%
<a href="#">RSP-1000-24</a>	24 Volts / 40 Amps	150mV p-p	88%
<a href="#">RSP-1000-27</a>	27 Volts / 37 Amps	150mV p-p	88%
<a href="#">RSP-1000-48</a>	48 Volts / 21 Amps	150mV p-p	90%

For full specification and mechanical drawing, please contact ALL PSU sales office.  
Specifications can change without notice, E&OE. ALL PSU Terms & Conditions Apply.

*Further Enclosed Single Output Units Are Available From 25 To 2400 Watts.  
Please Contact ALL PSU Sales Office or Visit [www.allpsu.co.uk](http://www.allpsu.co.uk)*

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