

## ALL PSU DATA SHEET.

### 200 Watt SP Series, (Single Output).

- Universal Input with PFC
- High Efficiency/Reliability
- AC Surge Current Limiting
- 100% Full Load Burn In
- Short Circuit, Over Load, Over Voltage, Over Temp Protection
- Full Approvals :  
UL/CUL/TUV/CB/CE
- 3 Year Warranty
- Remote On/Off Option



#### Specification.

Input Voltage	85~264 VAC, 47~63Hz, (or 120~370 VDC).
Power Factor	0.98 @ 115 VAC, 0.93 @ 230 VAC
Output Voltage	See Table Below (plus adjustment range)
Over Load Protection	105~150% Constant Current, Auto Recovery
Over Voltage Protection	110~135% Of Output Voltage
Set Up, Rise, Hold Up Time	600ms, 30ms, 20ms @ 230 VAC
Withstand Voltage	I/P-O/P : 3KV, I/P-FG:1.5KV, O/P-FG:0.5KV
Operating Temperature	-10°C~+60°C (see derating curve)
Safety Standards	UL1950, TUV EN60950
EMC Standard	EN55022 Class B, EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3, ENV50204

Model	Output	Ripple/Noise	Efficiency
<a href="#">SP-200-3.3</a>	3.3V / 40A	100mV	65%
<a href="#">SP-200-5</a>	5V / 40A	100mV	71%
<a href="#">SP-200-7.5</a>	7.5V / 26.7A	100mV	77%
<a href="#">SP-200-12</a>	12V / 16.7A	100mV	79%
<a href="#">SP-200-13.5</a>	13.5V / 14.9A	100mV	81%
<a href="#">SP-200-15</a>	15V / 13.4A	100mV	81%
<a href="#">SP-200-24</a>	24V / 8.4A	150mV	83%
<a href="#">SP-200-27</a>	27V / 7.5A	150mV	83%
<a href="#">SP-200-48</a>	48 V/ 4.2A	250mV	84%

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 Units In This Series Are Available From 25 To 2400 Watts, For Details  
Contact ALL PSU Or Visit [www.allpsu.co.uk](http://www.allpsu.co.uk)*

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