

15 Watt, PS Series, Open Frame, (Single Output)

ALL PSU LTD
Electronic Power Solutions

- Full Range Universal AC Input
- Compact Chassis Mounting Format
- Short Circuit, Overload, Over Voltage, Over Temperature Protection
- Convection Cooled
- High Reliability, 100% Burn In
- 2 Years Warranty
- Very Competitive Prices
- Full Safety Approvals



Size 94 x 49 x 25 mm

Specification

Input Voltage.....	85~264 VAC / 127~370 VDC
Input Current.....	0.4 A @ 115 VAC, 0.2 A @ 230 VAC
Frequency.....	47~63 Hz
Output Voltage.....	See table below
Over Load Protection.....	Above 105%, output hiccup mode, auto-recovery
Over Voltage Protection.....	115~135% of rated output voltage
Set Up, Rise, Hold Up Time.....	5-24 V output 1200 ms, 30 ms, 100 ms 48 V output 1200 ms, 75 ms, 100 ms @ full load
Isolation Voltage.....	I/P-O/P: 3 kVAC, I/P-FG: 1.5 kVAC
Line Regulation.....	+/-1.0% (5~15 V models), +/-0.5% (24~48 V models)
Load Regulation.....	+/-1.0% (5~15 V models), +/-0.5% (24~48 V models)
Leakage Current.....	<0.5mA @ 240 VAC
Switching Frequency.....	67 kHz (fixed)
Operating Temperature.....	-10~+60 °C, see derating curve
Storage Temperature.....	-20~+85 °C
Safety Standard.....	IEC60950-1, CB approved by TUV
EMC Standard.....	CISPR22, EN55022 Class B, EN61000-4-2,3,4,5,6,8,11 EN61000-3-2,3 Light Industrial Level Criteria A.
Size / Mounting.....	94(L) x 49(W) x 25(H) mm, 4 corner chassis fixings
Weight.....	0.083 kg

Models and Ratings

Model	Output Voltage	Output Current	Ripple/Noise	Efficiency
PS-15-5	5.0 V	2.8 A	100mV	74%
PS-15-12	12.0 V	1.25 A	120mV	77%
PS-15-15	15.0 V	1.0 A	120mV	78%
PS-15-24	24.0 V	0.625 A	150mV	79%
PS-15-48	48.0 V	0.313 A	200mV	77%

Note:

Covers may be available for volume applications

For mechanical details and pinout , see next page

ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111
Email: sales@allpsu.co.uk Web: www.allpsu.co.uk

