

Plug Top Power Adaptors

**POWER
SOLVE**

PPS60 Series 60 Watts Single DC Output

www.powersolve.co.uk

Features

- Meets CEC Requirements Level VI
- Universal AC Input
- Conforms to RoHS
- Interchangeable AC Plugs for UK, Europe, US & Australia
- EMC to EN55022 'B', CISPR22 'B' & FCC 'B'
- Full Safety Approvals
- Compact enclosure



Electrical Specification

INPUT

Input Voltage	90-264VAC
Input Frequency	47-63Hz
AC Input Current	1.5A max
No Load Input Power	0.21W max
Earth Leakage Current	<250uA

OUTPUT

Output Voltage & Current	See table
Output Power	60 Watts
Output Ripple & Noise	1% Max
Line Regulation	1% max
Load Regulation	±5% max
Output Protection	Overcurrent, short circuit & over voltage

ENVIRONMENTAL

Operating Temperature	0 to 40°C, ambient
Storage Temperature	-20°C to +70°C
Relative Humidity	5-95% max

GENERAL

Efficiency	>88% conforms to DOE regulation level VI
MTBF	>40,000 hours @ 25°C calculated to MIL-HDBK-217F

SAFETY

Withstand Voltage	Primary to Secondary 3000VAC
Insulation Resistance	500VDC 50Mohm between input or output plug to plastic case
Safety Approvals	CB scheme, cTUVus, TUV GS EN60950-1
EMI/EMC	CISPR22 'B', FCC Part 15 'B', EN55022 'B'

MECHANICAL

Output Connector & cable	UL94V-1 plastic enclosure, dimensions 109 x 47 x 32mm, 2.5 x 5.5 x 11mm barrel connector as standard, others optional cable length 1.2 metres
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Output Voltage & Current Ratings

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	MAX OUTPUT POWER
PPS60-12-XX	12V DC	5.00A	60 Watts
PPS60-15-XX	15V DC	4.00A	60 Watts
PPS60-24-XX	24V DC	2.50A	60 Watts

NOTE: (XX) in part number denotes output connector type. Standard stock items have 2.5 x 5.5 x 11mm centre positive barrel connector. Therefore part number would be PPS60-12-02. Other connectors are available which would be a different 2 digit number. Other output voltages available but may be subject to MOQ. **AC Connectors: Stock items will be shipped with UK, EU, US & Australian connectors.**