

Plug Top Power Adaptors

**POWER
SOLVE**

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PPT15 Series 15 Watt Switch Mode Universal AC Input

The PPT15 Series of AC-DC Power Adaptors offer user interchangeable AC input plugs to enable operation in many different countries simply by changing the clip on plug. Adaptors can be ordered with up to 4 interchangeable plugs to meet the power socket requirements of most countries.

Features

- Universal Input: 90 - 264Vac
- Continuous Short Circuit Protection
- Over Voltage Protection
- High Efficiency, 75% Typical
- Interchangeable AC plug
- Optional output connector



Specifications

INPUT

Voltage	90-264 VAC
Frequency	47-63 Hz
Input current	0.4A max
Inrush current	30A max. @ 264VAC
Conducted EMI	CISPR/FCC Class B
Isolation	Input to output = 4,242VDC
Leakage Current	0.25mA max

OUTPUT

Holdup Time	10mS typ. @ 115VAC
Short Circuit Protection	Continuous (Auto Recovery)
Over Voltage protection	Yes

ENVIRONMENTAL

Operating temperature	0°C to 40°C
Storage temperature	-20°C to +85°C

GENERAL

Dimensions	80.6x47.9x43.3mm
Weight	130 grams approx

Typical at 25°C, nominal line and 75% load, unless otherwise specified

Powersolve Electronics Ltd. Units 8A, Arnhem Road, Newbury, RG14 5RU. England

Tel:01635 521858 Fax: 01635 523771 Email: sales@powersolve.co.uk

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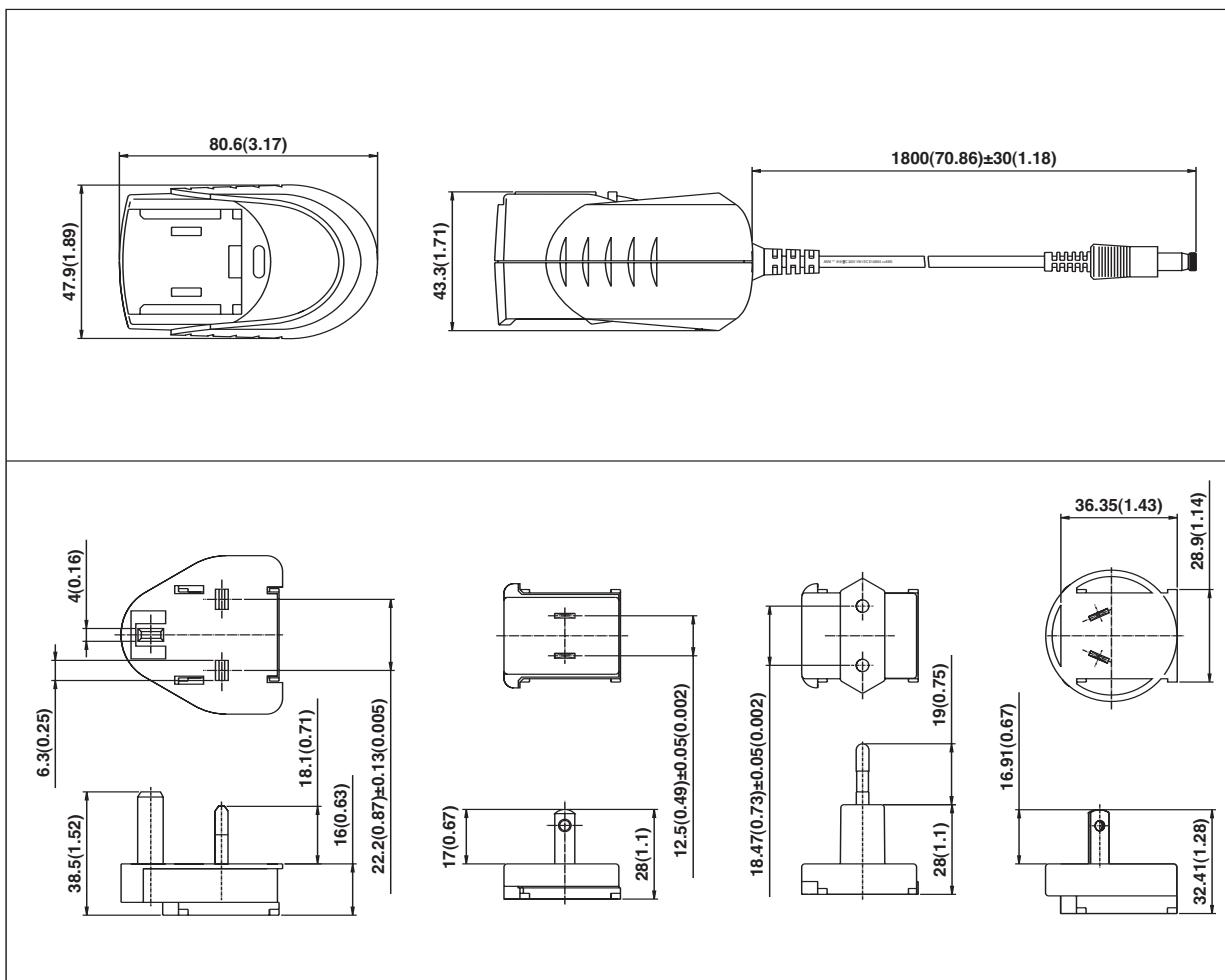
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MODEL	OUTPUT VOLTAGE	MAX LOAD	MIN LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
PPT15-050	5V	2.0A	0A	50mV	±3%	±1%	±4%
PPT15-060	6V	1.7A	0A	1%	±2%	±1%	±3%
PPT15-090	9V	1.4A	0A	1%	±2%	±1%	±2%
PPT15-120	12V	1.1A	0A	1%	±2%	±1%	±2%
PPT15-150	15V	1.0A	0A	1%	±2%	±1%	±2%
PPT15-180	18V	830mA	0A	1%	±2%	±1%	±2%
PPT15-240	24V	625mA	0A	1%	±2%	±1%	±2%

Note:

1. Voltage setpoint at 60% load.
2. Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
3. Line regulation measured from 100Vac to 240Vac, full load.
4. Load regulation measured from 60% to full load and from 60% to 20% load (60% +/- 40% load)

UNIT: mm (Inches)



Stock items will be fitted with 5.5x2.5x9.5mm barrel connector, centre positive.

Options: Alternative output connectors are available - consult sales office for details.

In-line ferrite core on output cable - consult sales office for details.

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