



15 Watt Interchangeable Plug Series PSA15R Wall Plug Adapter Meets Level VI Requirements



*clips sold separately



Features

- Limited Power Source
- Class B EMI
- Class II Double Insulated
- High Efficiency

Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

Safety Approvals

- cUL/UL 60950-1
- CB
- CE

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.91in)
- Height: 33.2mm (1.31in)
- Weight: 145g (5.12oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSA15R-120P6	12V	0A	1.25A	100mV	±5%	VI
PSA15R-150P6	15V	0A	1.0A	100mV	±5%	VI
PSA15R-240P6	24V	0A	0.625A	200mV	±5%	VI
PSA15R-480P6	48V	0A	0.31A	400mV	±5%	VI

(1) Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20MHz.

Input:

AC Input Voltage Rating
100 to 240V AC

AC Input Voltage Range
90 to 264V AC

AC Input Frequency
47 to 63Hz

Input Current
0.5A (RMS) maximum at 120V AC
0.25A (RMS) maximum at 230V AC

Leakage Current
0.25mA maximum at all line conditions

Inrush Current
<30A for 120V AC at maximum load
<60A for 240V AC at maximum load
(cold start at ambient 25°C)

Output:
Efficiency
DOE Level VI

Hold-up Time
8mS minimum at 120V AC and maximum load

Environmental:

Temperature
Operation 0 to +40°C
Non-operation -40 to +85°C
Humidity 90%RH max

Emissions

EN55022 Class B
FCC Part 15 Class B

EMC

EN 61000-3-2
IEC61000-4-2
IEC61000-4-4
IEC61000-4-5
IEC61000-4-11
EN55024

Over-Voltage Protection

Output should be <20Vdc for 12V; <22Vdc for 15V;
<35Vdc for 24V; <65Vdc for 48V

Over-Current Protection

Output equipped with short circuit protection – auto
restart above 1.35A for 12V; >1.2A for 15V; >0.7A for
24V; >0.4A for 48V

Short-Circuit Protection

Output can be shorted without damage

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC for 1 min., 10mA

DC Output Connector

2.1 x 5.5mm Center Positive Barrel

AC Input Clips (sold separately)

RPA: US	RPI: India
RPB: Brazil	RPK: UK
RPC: China	RPN: Argentina
RPE: Europe	RPS: Australia
RPH: Korea	RPX: IEC320 C8

Dimension Diagram Unit: mm (inch)

