



**15 Watt Interchangeable Plug Series with RJ45 Output
PSA15R Wall Plug Adapter MEETS CEC and EISA Requirements**



Features

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

Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

Safety Approvals

- cUL/UL
- TÜV
- SAA
- CE
- C-Tick

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.91in)
- Height: 33.2mm (1.31in)
- Weight: 120g (4.23oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSA15R-480PE	48V	0A	0.31A	480mV	±5%	IV

(1) Measured by using a 12-inch twisted pair terminated with a 10uF capacitor and a 0.1uF ceramic in parallel.

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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 240V 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)

Input Power Saving

0.5W maximum at no load

Output:

Efficiency

85% minimum at 120VAC, maximum load

Hold-up Time

10mS minimum at 120V AC and maximum load

Environmental:

Temperature

Operation 0 to +40°C

Non-operation -25 to +75°C

Humidity 20 to 90%

Emissions

FCC Class B

EN55022 Class B

Immunity

IEC61000-4-2

IEC61000-4-3

IEC61000-4-4

IEC61000-4-5

IEC61000-4-6

IEC61000-4-8

IEC61000-4-11

EN61000-3-2

Over-Voltage Protection

120%, Zener Clamping

Over-Current Protection

Output equipped with short circuit protection – auto restart

Short-Circuit Protection

Output can be shorted without damage

Dielectric Withstand (Hi-pot) Test

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

Power/Data Output Connector

RJ45 Female

Pins 4,5 +48V Pins 7,8 RTN

Data Input Connector

RJ45 Male

AC Input Clips (sold separately)

RPA: US

RPB: Brazil

RPC: China

RPE: Europe

RPH: Korea

RPI: India

RPK: UK

RPN: Argentina

RPS: Australia

RPX: IEC320 C8

Dimension Diagram Unit: mm

