



## 15 Watt Fixed Wall Plug Series Adapter Meets Level VI Requirements



### Features

- Limited Power Source (LPS)
- Class B EMI
- Level VI Compliant
- Class II Double Insulated
- High Efficiency
- Low Cost

### Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

### Safety Approvals

- cUL/UL

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.97in)
- Height: 33.2mm (1.31in)
- Weight: 145g (5.12oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSC15A-050	5V	0A	3.0A	100mV	±5%
PSC15A-060	5.9V	0A	2.5A	100mV	±5%
PSC15A-075	7.5V	0A	2.0A	100mV	±5%
PSC15A-090	9V	0A	1.67A	120mV	±5%
PSA15A-120P6	12V	0A	1.25A	100mV	±5%
PSA15A-150P6	15V	0A	1.0A	100mV	±5%
PSA15A-240P6	24V	0A	0.65A	200mV	±5%
PSA15A-480P6	48V	0A	0.31A	400mV	±5%

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

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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**

&lt;40A for 120V AC at maximum load

&lt;60A for 240V AC at maximum load

(Cold start at ambient 25°C)

**Input Power Saving**

0.1W maximum at no load

**Output:****Efficiency**

US DOE Level VI

**Environmental:****Temperature**

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity 20 to 90%

**Emissions**

Complies with FCC Class B

Complies with EN55032 Class B

**Immunit**

IEC610004-2

IEC610004-3

IEC610004-4

IEC610004-5

IEC610004-6

IEC61000-4-8

IEC61000-4-11

EN61000-3-2

**Hold-up Time**

8mS minimum at 120V AC and maximum load

**Over-Voltage Protection**

Zener clamping if voltage exceeds 120% of limit

**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

**DC Output Connector**

2.1 x 5.5mm Center Positive Barrel

**Dimension Diagram Unit: mm (inch)**

