



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 15 Watt Wall Plug Series PSA15A 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

### 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	Efficiency Level
		Min.	Max.			
PSA15A-050P <sup>(2)</sup>	5V	0A	3.0A	50mV	±5%	IV
PSA15A-060P <sup>(2)</sup>	6V	0A	2.5A	60mV	±5%	IV
PSA15A-075P <sup>(2)</sup>	7.5V	0A	2.14A	75mV	±5%	IV
PSA15A-090P <sup>(2)</sup>	9V	0A	1.66A	90mV	±5%	IV
PSA15A-120P <sup>(2)</sup>	12V	0A	1.25A	120mV	±5%	IV
PSA15A-150P <sup>(2)</sup>	15V	0A	1.0A	150mV	±5%	IV
PSA15A-240P <sup>(2)</sup>	24V	0A	0.62A	240mV	±5%	IV
PSA15A-480P <sup>(2)</sup>	48V	0A	0.31A	480mV	±5%	IV

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

(2) Special order item. Minimum order quantity required. Please consult Phihong USA Sales.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications and contact information.

**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**

70% average efficiency (5V Model)

75% average efficiency (6 and 9V Models)

80% average efficiency (12, 15, and 24V Models)

85% average efficiency (48V Model)

**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

**Hold-up Time**

10mS 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

Primary to F.G.: 1500V AC for 1 min., 10mA

**DC Output Connector**

2.1 x 5.5mm Center Positive Barrel

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

