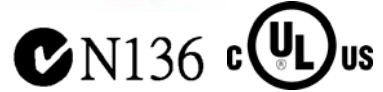




## 15 WATT INTERCHANGEABLE PLUG SERIES PSA15R Wall Plug Adapter



### Features

- Limited Power Source
- Class B EMI
- CEC Compliant
- Class II Double Insulated
- No Load Power Consumption < 0.5 Watt
- High Efficiency

### Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

### Safety Approvals

- cUL/UL
- TUV
- SAA
- CE
- C-Tick
- CCC (except for 48V)

### 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 (1) P-P (max)	Regulation	
		Min.	Max.		Line	Load
PSA15R-050P	5V	0A	3A	50mV	±5%	
PSA15R-060P (2)	6V	0A	2.5A	60mV	±5%	
PSA15R-075P (2)	7.5V	0A	2.14A	75mV	±5%	
PSA15R-090P	9V	0A	1.66A	90mV	±5%	
PSA15R-120P	12V	0A	1.25A	120mV	±5%	
PSA15R-150P	15V	0A	1A	150mV	±5%	
PSA15R-240P	24V	0A	0.62A	240mV	±5%	
PSA15R-480P	48V	0A	0.31A	480mV	±5%	

Note: (1) Measured after 30 minutes with by-pass capacitors 0.1uf/10uf at output connector terminal and oscilloscope set at 20 Mhz. (2) Special order item. Minimum order quantity of 1000 required.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications.

**INPUT:**

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**Input Current**

0.5A(RMS) max. @ 120VAC

0.25A(RMS) max. @ 240VAC

**Leakage Current**

0.25mA max. @ all line conditions

**Inrush Current (cold)**

<30A for 120VAC at max. load

<60A for 240VAC at max. load

(Cold start @ ambient 25°C)

**Input Power Saving**

0.5W max. for 240VAC at no load

**OUTPUT:**

**Efficiency**

70-85% min. at max. load (varies in voltage)

**Hold-up Time**

10mS min. @ 120VAC and max. load

**Over Current Protection**

Output equipped with short circuit protection – auto restart

**Over Voltage Protection**

By Zener Clamping

**Short Circuit Protection**

Output can be shorted without damage

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +40°C

Non-operation -25 to +75°C

**Humidity**

Operation 20 to 90%

**Emissions**

FCC Class B

CISPR 22 Class B

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 3000VAC

**DC Output Connector**

2.1x5.5mm Center Positive Standard

**Mating Connector**

Kycon KLD-0202-A or equivalent

**AC Input Clips (sold separately)**

US: RPA

Europe: RPE

UK: RPK

Australia: RPS

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

