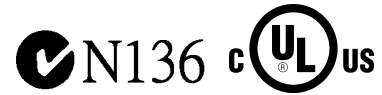




## 15 WATT INTERCHANGEABLE PLUG SERIES PSA15R Wall Plug Adapter Meets CEC and EISA Requirements



### 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
- 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		Efficiency Level
		Min.	Max.		Line	Load	
PSA15R-050P	5V	0A	3.0A	50mV	±5%		IV <sup>115V</sup> III
PSA15R-060P (2)	6V	0A	2.5A	60mV	±5%		IV <sup>115V</sup> III
PSA15R-075P (2)	7.5V	0A	2.14A	75mV	±5%		IV
PSA15R-090P	9V	0A	1.66A	90mV	±5%		IV
PSA15R-120P	12V	0A	1.25A	120mV	±5%		IV
PSA15R-150P	15V	0A	1.0A	150mV	±5%		IV
PSA15R-240P	24V	0A	0.62A	240mV	±5%		IV
PSA15R-480P	48V	0A	0.31A	480mV	±5%		IV

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 1500 required.

Interchangeable clips sold separately.

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 maximum at no load (except 5V and 6V models)  
0.75W maximum at no load (for 5V and 6V models)

**OUTPUT:**

**Efficiency**  
≥ 74.4% average efficiency (except 5V and 6V models)  
≥ 74.4% average efficiency at 115VAC, ≥ 73.4%  
average efficiency at 230VAC (for 5V and 6V models)

**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)**

