



## PSA15R

### 15 WATT INTERCHANGEABLE PLUG SERIES



#### Dimensions

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

MODEL	DC OUTPUT VOLTAGE	LOAD	
		Min.	Max.
PSA15R-050P	5V	0A	3A
PSA15R-060P*	6V	0A	2.5A
PSA15R-075P*	7.5V	0A	2.14A
PSA15R-090P	9V	0A	1.66A
PSA15R-120P	12V	0A	1.25A

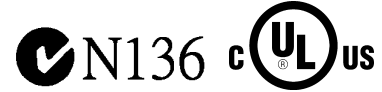
PSA15R-150P	15V	0A	1A
PSA15R-240P	24V	0A	0.62A
PSA15R-480P	48V	0A	0.31A
US Plug: RPA	n/a	n/a	n/a
UK Plug: RPK	n/a	n/a	n/a
Europe Plug: RPE	n/a	n/a	n/a
Australia Plug: RPS	n/a	n/a	n/a
All 4 Plugs: RPKit	n/a	n/a	n/a

*\*Note: Special order items. Minimum order quantity of 1500 pieces is required.*



# 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
- 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		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
PSA15R-075P (2)	7.5V	0A	2.14A	75mV	±5%		IV
PSA15R-090P (2)	9V	0A	1.66A	90mV	±5%		IV
PSA15R-120P	12V	0A	1.25A	120mV	±5%		IV
PSA15R-150P (2)	15V	0A	1.0A	150mV	±5%		IV
PSA15R-240P (2)	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.

## PSA15R Characteristics

### 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

### OUTPUT:

**Efficiency**  
> 74% average efficiency

**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)

