



## 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

### 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.

\*PSA15R-050P and PSA15R-060P are CEC Level IV<sub>115VAC</sub> Compliant

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## PSA15R Characteristics

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### 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)

