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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
- TÜV
- 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 (2)	9V	0A	1.66A	90mV	±5%	
PSA15R-120P	12V	0A	1.25A	120mV	±5%	
PSA15R-150P (2)	15V	0A	1A	150mV	±5%	
PSA15R-240P (2)	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 500 required.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

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)

