



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

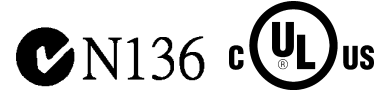
PSA15R-150P	15V	0A	1A
PSA15R-240P	24V	0A	0.62A
PSA15R-480P	48V	0A	0.31A
US Plug: RPA	n/a	n/a	n/a
UK Plug: RPK	n/a	n/a	n/a
Europe Plug: RPE	n/a	n/a	n/a
Australia Plug: RPS	n/a	n/a	n/a
All 4 Plugs: RPKit	n/a	n/a	n/a

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



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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 ^{115V} 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)

