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 115V III
PSA15R-060P (2)	6V	0A	2.5A	60mV	±5%		IV 115V 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 for the most up-to-date specifications.

PSA15R Characteristics

WWW.PHIHONG.COM

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 5Vand 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)

