



10W to 12W Interchangeable Plug Series PSC12R Adapter Series Meets EISA and Energy Star Requirements



Features

- Double Insulated
- Field Changeable AC Plugs
- Efficiency Level V Compliance
- Class B EMI
- Less Than 0.3W No-Load Current
- Over-Voltage Protection

Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

Safety Approvals

- cUL/UL
- SAA
- CE
- C-Tick

Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 30.5mm (1.20in)
- Weight: 75g (2.65oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSC12R-050	5V	0A	2.0A	200mV	±5%		V
PSC12R-090	9V	0A	1.11A	180mV	±5%		V
PSC12R-120	12V	0A	1.0A	240mV	±5%		V

Note: (1) Measured with by-pass capacitors 0.1uf/10uf at output connector terminal and oscilloscope set at 20 mHz. (Tested by oscilloscope after waiting 1 minute)

Interchangeable clips sold separately.

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INPUT:

AC Input Voltage Rating
100 to 240VAC

AC Input Voltage Range
90 to 264VAC

AC Input Frequency
47 to 63 Hz

AC Input Current
0.5A (RMS) max. @ 120VAC
0.25A (RMS) max. @ 240VAC

Leakage Current
0.25A max. @ 264VAC

Inrush Current (Cold Start @ ambient 25°C)
30A for 120VAC at max. load
60A for 240VAC at max. load

Input Power Saving
0.3W maximum at no load

OUTPUT:

Efficiency
73.4% minimum average efficiency for 5V model
76.6% minimum average efficiency for 9V model
77.8% minimum average efficiency for 12V model

Hold-up Time
10mS min. @ 120VAC and max. load

Short Circuit Protection
Auto restart

ENVIRONMENTAL:

Temperature
Operation 0 to +40°C
Non-operation -40 to +85°C

Humidity (Relative Humidity)
Operation 10% to 90% non-condensing
Non-operation 5% to 95%, non-condensing

Emissions
FCC Class B
EN55022 Class B

Dielectric Withstand (Hi-pot) Test
Primary to Secondary: 3000VAC for 1 minute, 10mA

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

