



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



Features

- Double Insulated
- Field Changeable AC Plugs
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b
- Class B EMI
- Less Than 0.3W No-Load Current
- Over-Voltage Protection
- Efficiency Level V Compliance

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: 32.39mm (1.27in)
- Weight: 75g (2.65oz)

Output Specifications

Model	DC Output Voltage	Load		Efficiency Level
		Min.	Max.	
PSC12R-050	5V	0A	2.0A	V
PSC12R-599	5.99V	0A	1.669A	V
PSC12R-090	9V	0A	1.11A	V
PSC12R-120	12V	0A	1.0A	V

Interchangeable Clips Sold Separately

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PSC12R Characteristics

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Input:

AC Input Voltage Rating

100 to 240V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

0.5A (RMS) maximum at 120V AC

0.25A (RMS) maximum at 240V AC

Leakage Current

0.25mA maximum at 264V AC

Inrush Current

30A for 120V AC at maximum load

60A for 240V AC at maximum load

Input Power Saving

0.3W maximum at no load

Output:

Efficiency

Meets requirements for level V efficiency and Ecodesign
ErP Directive 2009/125/EC level 2 annex 1b

Ripple (Vp-p)

5V 200mV

9V 180mV

12V 240mV

Hold-up Time

10mS minimum at maximum load

Short-Circuit Protection

Output can be shorted permanently without damage

Over-Current Protection

Short circuit protection – auto-restart

Environmental:

Temperature

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity

Non-Condensing 10 to 90%

Emissions

FCC Class B

EN55022 Class B

Immunity

EN61000-4-2 Level 3

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level2

EN61000-4-6 Level3

EN61000-4-11

EN61000-3-2 Harmonic

EN61000-3-3 Flicker

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC 1 min., 10mA

DC Output Connector

2.1 x 5.5mm center positive standard

Mating Connector

Kycon KLD-0202-A or Equivalent

AC Input Clips (sold separately)

RPA: US

RPI: India

RPB: Brazil

RPK: UK

RPC: China

RPN: Argentina

RPE: Europe

RPS: Australia

RPH: Korea

RPS: IEC320 C8

Dimension Diagram Unit: mm

