



**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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**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**

