



**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
- CCC
- SAA
- Ecodesign ErP Directive 2009/125/EC
- CE
- ENERGY STAR
- 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-090	9V	0A	1.11A	V
PSC12R-120	12V	0A	1.0A	V

Interchangeable Clips Sold Separately

**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 ENERGY STAR EPS2.0 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

**Dimension Diagram Unit: mm**

