



## 8W Interchangeable Plug Series PSM08R Adapter with Micro-USB connector Meets EISA and CEC Requirements



### Features

- Double Insulated
- Field Changeable AC Plugs
- Efficiency Level IV Compliance
- 5% NL-FL Regulation
- Low Leakage Current
- Micro-USB Connector
- Class B EMI

### Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

### Safety Approvals

- cUL/UL
- TUV
- SAA
- CCC
- CE
- C-Tick
- PSE

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 29.79mm (1.17in)
- Weight: 128g (4.52oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation		Efficiency Level
		Min.	Max.		Line	Load	
PSM08R-050(M)	5V	0A	1.6A	100mV	±5%		IV

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**  
0.3A(RMS) max. @ 120VAC  
0.15A(RMS) max. @ 240VAC

**Leakage Current**  
250uA max. @ 264VAC

**Inrush Current (cold)**  
40-60A for 120VAC at max. load (varies in voltage)  
(Cold start @ ambient 25°C)

**Input Power Saving**  
0.3W max. @ 240VAC

**OUTPUT:**

**Efficiency**  
69% min. using Energystar method

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

**Short Circuit Protection**  
>120%, auto restart

**Over Voltage Protection**  
>120%, Zener Clamp

**ENVIRONMENTAL:**

**Temperature**  
Operation 0 to +50°C  
Non-operation -20 to +75°C

**Humidity**  
Operation 0 to 90%

**Emissions**  
FCC Class B  
EN55022 Class B

**Dielectric Withstand (Hi-pot) Test**  
Primary to Secondary: 3000VAC

**DC Output Connector**  
Micro-USB

**AC Input Clips (sold separately)**

- US: RPA
- Europe: RPE
- UK: RPK
- Australia: RPS
- China:RPC
- Argentina:RPN

