



8W Interchangeable Plug Series with Micro-USB Connector PSM08R Adapter 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
- CCCV

Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

Safety Approvals

- cUL/UL
- SAA
- CCC
- 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 Line & Load	Efficiency Level ⁽²⁾
		Min.	Max.			
PSM08R-050(M)	5V	0A	1.6A	100mV	±5%	IV

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

(2) Level IV efficient products do not qualify for CE marking and therefore cannot be sold to countries in the EU

- 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

0.3A (RMS) maximum at 120V AC

0.15 (RMS) maximum at 240V AC

Leakage Current

25mA maximum at 264V AC

Inrush Current

40 to 60A for 120V AC at maximum load (varies in voltage), (cold start at ambient 25°C)

Input Power Saving

0.3W maximum at 240V AC

Output:

Efficiency

69% minimum using ENERGY STAR method

Hold-up Time

10mS minimum at 120V AC and maximum load

Over-Voltage Protection

120%, Zener Clamping

Short-Circuit Protection

120%, auto restart.

Environmental:

Temperature

Operation 0 to +50°C

Non-operation -20 to +75°C

Humidity 0 to 90%

Emissions

FCC Class B

EN55022 Class B

Immunity

EN50082-1: (EN55024)

EN61000-4-2 Level 4

EN61000-4-3 Level 2

EN61000-4-4 Level 2

EN61000-4-5 Level 3

EN61000-4-6 Level 2

EN61000-4-8 Level 1

EN61000-4-11

Dielectric Withstand (Hi-pot) Test

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

DC Output Connector

Micro USB

Dimension Diagram Unit: mm (inch)

