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



Features				
Double Insulated	Low Leakage Current			
• Field Changeable AC Plugs	Micro-USB Connector			
Efficiency Level IV Compliance	Class B EMI			
• 5% NL-FL Regulation	• CCCV			
Applications				
Wireless Communications	Portable Equipment			
Networking	• Peripherals			
Safety Approvals				
• cUL/UL	• C-Tick			
• SAA	• PSE			
• CCC				
Mechanical Characteristics				
• Length: 71.7mm (2.82in)	• Height: 29.79mm (1.17in)			

• Weight: 128g (4.52oz)

Output Specifications

• Width: 45mm (1.77in)

Model	DC Output	Lo	ad	Ripple ⁽¹⁾	Regulation	Efficiency
Iviouei	Voltage	Min.	Max.	P-P (max.)	Line & Load	Level ⁽²⁾
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.

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PSM08R Characteristics

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

Dimension Diagram Unit: mm (inch)

Over-Voltage Protection 120%, Zener Clamping

Short-Circuit Protection

120%, auto restart.

Environmental:

Temperature Operation Non-operation Humidity

0 to +50°C -20 to +75°C 0 to 90%

Emissions

FCC Class B EN55022 Class B

Immunity

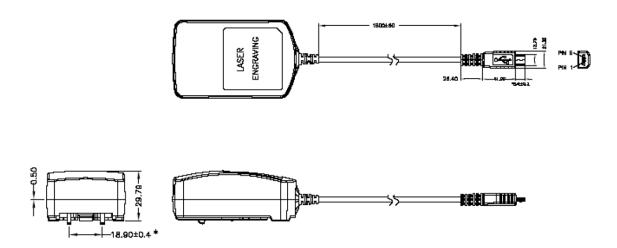
EN50082-1:(EN55024)EN61000-4-2Level 4EN61000-4-3Level 2EN61000-4-4Level 2EN61000-4-5Level 3EN61000-4-6Level 2EN61000-4-8Level 1EN61000-4-11EN61000-4-11

Dielectric Withstand (Hi-pot) Test

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

DC Output Connector

Micro USB



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