



## 10Watt Interchangeable Plug Series PSM10R Series meets Level VI Efficiency Requirements



### Features

- Double Insulated
- Class B EMI
- Level VI Efficiency Compliant
- Limited Power Source (LPS)

### Applications

- Wireless Communications
- Network Equipment
- Peripherals
- Gaming

### Safety Approvals

- UL 60950-1
- RCM
- CB
- CE

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 45mm (1.77in)
- Height: 30.79mm (1.21in)
- Weight: 68g (2.4oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Efficiency Level
		Min.	Max.		
PSM10R-050A	5V	0A	2A	200mV	VI

Note (1): Ripple measured by using a 12-inch twisted pair terminated with 10uF capacitor and 0.1uF ceramic in parallel with oscilloscope set to 20Mhz measured after a warm-up of 10minutes.

**AC Input****Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Current**

0.5A (RMS), 115VAC at maximum load

0.25A (RMS), 230VAC at maximum load

**AC Input Frequency**

47 to 63Hz

**In-rush Current**

30A for 120VAC at maximum load

60A for 240VAC at maximum load

(cold start at ambient 25°C)

**Leakage Current**

0.25mA max at 264VAC/50Hz

**DC Output**

Output Power

10W

**Efficiency**

DoE Level VI

CoC Ver5 Tier 2

**Hold up time**

10mS min @115VAC/60Hz, max load

**Environmental Temperature**

Operation 0°C to +40°C

Non-operation -40°C to +85°C

Humidity 10 to 90%

**EMI**

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 Level 2

EN61000-4-6 Level 3

EN61000-4-11

EN61000-4-12

EN61000-3-2 Class A

EN61000-3-3

**Insulation Resistance**

&gt;50M ohm 500VDC

**Over Current Protection**

Short Circuit Auto-restart

**Short Circuit Protection**

Output can be shorted without damage

**Over Voltage Protection**

10VDC max at full load

**Dielectric Withstand (Hi-pot) Test**

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

**DC Cord**

1200mm (18~24AWG)

**DC Output Connector (Tuning Fork Type)**

5.5mm x 2.1mm x 10mm Center Positive

**Interchangeable AC Clips**

RPA: US RPK: UK

RPB: Brazil RPI: India

RPC: China RPN: Argentina

RPE: Europe RPS: Australia

RPH: Korea

(Sold Separately)

RPX:IEC320 C8

**Isolation (HI-POT test)**

Primary to secondary 3000VAC for 1 minute, 10mA

**Dimension Diagram Unit:mm**

