



## 10 Watt Fixed Wall Plug Series Adapter Meets Level VI Requirements



### Features

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

### Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

### Safety Approvals

- UL/cUL 60950-1

### 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.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSM10A-050A	5V	0A	2A	200mV	±5%	VI

(1) Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20Mhz.

**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 115VAC/60Hz  
0.25A (RMS) maximum at 230VAC/50Hz

**Leakage Current**  
0.25mA @264VAC/50Hz

**Inrush Current**  
30A for 120V AC at maximum load  
60A for 230V AC at maximum load  
(Cold start at ambient 25°C)

**Output:**  
**Efficiency**  
CoC V5 Tier 2  
US DOE Level VI

**Environmental:**  
**Temperature**  
Operation 0 to +40°C  
Non-operation -40 to +85°C  
Humidity 10 to 90%

**Emissions**  
FCC Class B  
EN55022 Class B

**Immunity**  
EN 61000-4-2 Level 3  
EN 61000-4-3 Level 2  
EN 61000-4-4 Level 2  
EN 61000-4-5 Level 2  
EN 61000-4-6 Level 3  
EN 61000-4-11  
EN 61000-4-12  
EN61000-3-2 Class A  
EN61000-3-3

**Hold-up Time**  
10mS minimum at 115VAC/60Hz and maximum load

**Over-Voltage Protection**  
10VDC Max at Max load

**Over-Current Protection**  
Output equipped with short circuit protection – auto-restart

**Short-Circuit Protection**  
Output can be shorted without damage

**Dielectric Withstand (Hi-pot) Test**  
Primary to Secondary: 3000V AC for 1 min., 10mA

**DC Output Connector**  
2.1 x 5.5mm Center Positive Barrel

**Dimension Diagram Unit: mm (inch)**

