



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 ⁽¹⁾ 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)

