



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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)

