



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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## 12 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

- cUL/UL
- CB

### Mechanical Characteristics

- Length: 71.7mm (2.82in)
- Width: 50mm (1.97in)
- Height: 33.2mm (1.31in)
- Weight: 120g (4.23oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAC12A-050	5V	0A	2.4A	100mV	±5%	VI
PSAC12A-060	5.9V	0A	2.0A	100mV	±5%	VI
PSAC12A-075	7.5V	0A	1.6A	100mV	±5%	VI
PSAC12A-090	9V	0A	1.33A	120mV	±5%	VI
PSAC12A-120	12V	0A	1.0A	120mV	±5%	VI
PSAC12A-150	15V	0A	0.8A	150mV	±5%	VI
PSAC12A-240	24V	0A	0.5A	240mV	±5%	VI
PSAC12A-480	48V	0A	0.25A	480mV	±5%	VI

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

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**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 120V AC  
0.25A (RMS) maximum at 230V AC

**Leakage Current**  
0.25mA maximum at all line conditions

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

**Input Power Saving**  
0.1W maximum at no load

**Output:**  
**Efficiency**  
US DOE Level VI

**Environmental:**  
**Temperature**  
Operation 0 to +40°C  
Non-operation -40 to +85°C  
Humidity 20 to 90%

**Emissions**  
FCC Class B  
EN55022 Class B

**Immunity**  
IEC61000-4-2  
IEC61000-4-3  
IEC61000-4-4  
IEC61000-4-5  
IEC61000-4-6  
IEC61000-4-8  
IEC61000-4-11  
EN61000-3-2

**Hold-up Time**  
8mS minimum at 120V AC and maximum load

**Over-Voltage Protection**  
Zener clamping if voltage exceeds 120% of limit

**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)**

