



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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## 12W Wall Plug Adapter PSAA12A-120L6 Adapter Meets Level VI Requirements



### Features

- Double Insulated
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Less Than 0.3W No-Load Current
- Over-Voltage Protection
- Efficiency Level VI Compliance

### Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

### Safety Approvals

- cUL/UL

### Mechanical Characteristics <sup>(1)</sup>

- Length: 71.2mm (2.80in)
- Width: 33.95mm (1.34in)
- Height: 46mm (1.81in)
- Weight: 85g (3.00oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAA12A-120L6	12V	0A	1.0A	240mV	±5%	VI

(1) Measured with by-pass capacitors 0.1uf /10uf at output connector terminal and oscilloscope set at 20 MHz ( tested by oscilloscope).

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

100 to 240 V AC

**AC Input Voltage Range**

90 to 264V AC

**AC Input Frequency**

50 to 60Hz

**Input Current**

0.5A (RMS) maximum at 120V AC, max load

**Leakage Current**

0.25A maximum

**Inrush Current**

60A @230V AC, 25°, at maximum load

**Input Power Saving**

&lt;0.075W at 240Vac, no load

**Output:****Efficiency**

DOE Level VI

COC Version 5 Tier 2

**Hold-up Time**

10mS Min. at Max load and 120Vac 60Hz

**Over-Voltage Protection**

Output voltage shall not exceed 20V

**Short-Circuit Protection**

Protected against short circuit. Continuous short circuit will not produce fire, smoke or excessive heat.

**Environmental:****Temperature**

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity 90%RH Max

**Emissions**

FCC Class B

EN55022 Class B

EN61000-3-2

EN61000-3-3

**Immunity**

EN50082-1:

EN61000-4-2 Level 4

EN61000-4-5 Level 3

EN55024

IEC610004-2

IEC610004-3

IEC610004-4

IEC610004-5

IEC610004-6

IEC610004-8

IEC610004-11

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

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

**DC Output Connector**

1200mm 26AWG in length. Matte black PVC insulation

**Dimension Diagram Unit: mm – PSAA12A-120L6**

