



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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## 6W Adapter Meets Level VI Requirements



### Features

- Double Insulated
- Efficiency Level VI Compliance
- Small Package Size
- Low Leakage Current
- Low Cost
- Class B EMI

### Applications

- MPEG Players
- PDAs
- Personal Electronics
- Digital Cameras

### Safety Approvals

- cUL/UL 60950-1

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

- Length: 66.5mm (2.62in)
- Width: 36mm (1.42in)
- Height: 28mm (1.1in)
- Weight: 57g (2oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple <sup>(1)</sup> P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAA06A120L6	12V	0A	0.5A	240mV	±5%	VI

Notes:

- (1) Measured with an oscilloscope with 20MHz (or over) bandwidth. Outputs should be bypassed at a connector with a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.

**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**

0.2A (RMS) maximum at 115V AC

0.1A (RMS) maximum at 230V AC

**Leakage Current**

<0.25mA at 264V AC

**Inrush Current**

40A maximum at 115V AC/60Hz

60A maximum at 230V AC/50Hz

(Cold start at ambient 25°C)

**Input Power Saving**

≤0.075W @no load at 115VAC/60Hz,

230VAC/50Hz

**Output:**

**Efficiency**

DoE Level VI

**Environmental:**

**Temperature**

Operation 0 to +40°C

Non-operation -25 to +85°C

Humidity 10 to 90%

**Emissions**

FCC Class B

EN55022 Class B

**Immunity**

EN 61000-4-2 Criteria B

EN 61000-4-3 Criteria A

EN 61000-4-4 Criteria B

EN 61000-4-5 Criteria B

EN 61000-4-6 Criteria A

EN 61000-4-8 Criteria A

EN 61000-4-11

**Over-Voltage Protection**

<20.4V max at 90-264Vac, max load

**Over-Current Protection**

<1A max at 90-264Vac, max load

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

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

**DC Output Connector**

Barrel

**Dimension Diagram Unit: mm PSAA06A-120L6**

