



## 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**

