



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⁽¹⁾

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

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ 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

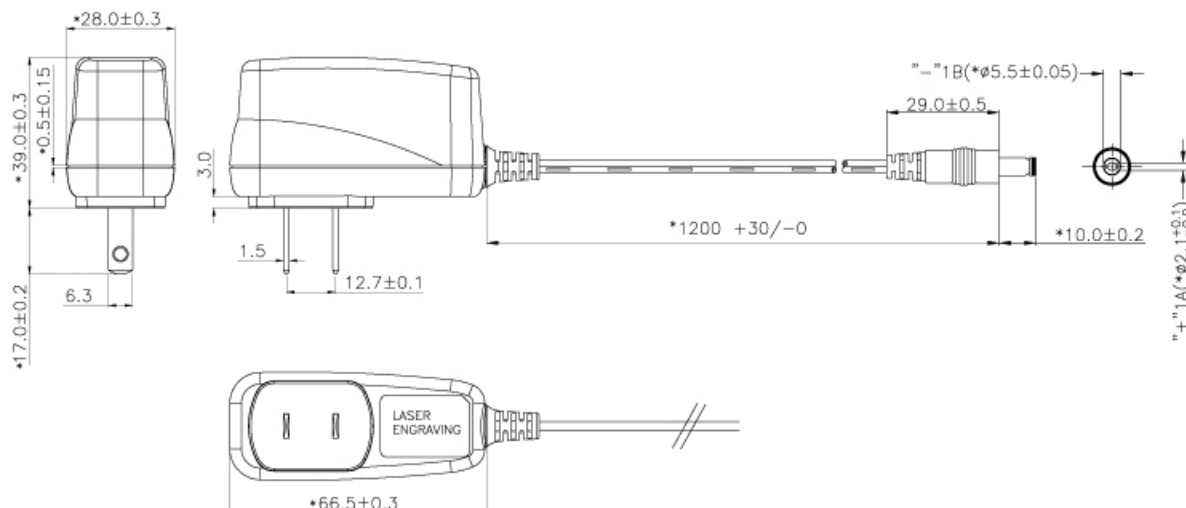
<1A max at 90-264Vac, max load

Dielectric Withstand (Hi-pot) Test

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

DC Output Connector

Barrel

Dimension Diagram Unit: mm PSAA06A-120L6


Mouser Electronics

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