



**24 Watt – Wall Plug Adapter  
PSA24A-120(P) Adapter Meets EISA and CEC Requirements**



**Features**

- Class B EMI
- No Load Power Consumption <0.3W
- Short-Circuit Protection
- Class II Double Insulated
- EISA and CEC Compliant
- Over-Voltage, Over-Current Protection

**Applications**

- Portable Equipment
- Peripherals
- Access Devices

**Safety Approvals**

- cUL/UL
- BSMI

**Mechanical Characteristics**

- Length: 83.5mm (3.29in)
- Width: 35.0mm (1.38in)
- Height: 73.5mm (2.89in)
- Weight: 165g (5.82oz)

**Output Specifications**

Model	DC Output Voltage	Load		Ripple P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSA24A-120(P)	12V	0A	2.0A	150mV	±5%	

(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**

50 to 60Hz

**Input Current**

0.6A (RMS) maximum at 100V AC

**Leakage Current**

0.25mA maximum

**Inrush Current**

85A maximum at 230V AC  
(Cold start at ambient 25°C)

**Input Power Saving**

0.3W maximum at no load

**Output:**

**Efficiency**

80% average efficiency

**Hold-up Time**

8mS minimum at maximum load and 120V AC

**Over-Voltage Protection**

Output Voltage shall not exceed 20V

**Over-Current Protection**

5.0A maximum at 230V AC

**Short-Circuit Protection**

Output can be shorted permanently without damage

**Environmental:**

**Temperature**

Operation	0 to +40°C
Non-operation	-40 to +85°C
Humidity	10 to 90%

**Emissions**

FCC Class B  
EN55022 Class B

**Immunity**

EN50082-1:	(EN55024)
EN61000-4-2	Level 4
EN61000-4-5	Level 2

**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)**

