24 Watt – Wall Plug Adapter
PSAC24A-120 Adapter Meets Level V 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.			
PSAC24A-120	12V	0A	2.0A	150mV	±5%	V

(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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PSAC24A Characteristics

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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)

