



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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**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)

