



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
PSAC24A-120L6 Adapter Meets Level VI Requirements**



Features

- Class B EMI
- Short-Circuit Protection
- Class II Double Insulated
- Over-Voltage, Over-Current Protection

Applications

- Portable Equipment
- Peripherals
- Access Devices

Safety Approvals

- cUL/UL 60950-1

Mechanical Characteristics

- Length: 83.5mm (3.29in)
- Width: 35.0mm (1.38in)
- Height: 53.5mm (2.89in)
- Weight: 165g (5.82oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAC24A-120L6	12V	0A	2.0A	240mV	±5%	VI

(1) Measured after 30 minutes with by-pass capacitors 0.1uF/10uF at output connector terminal and oscilloscope set at 20MHz.

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 max at 100Vac/60Hz & 240Vac/50Hz

Inrush Current

40A max at 115VAC/60Hz

80A max at 230VAC/50Hz

(Cold start at ambient 25°C)

Output:**Efficiency**

DOE Level VI

Hold-up Time ≥ 10 ms min at 115Vac/60Hz & 230Vac/50Hz,
max load**Over-Voltage Protection** ≤ 20.4 V max at 90Vac~264Vac, max load**Over-Current Protection** ≤ 4 A max at 90Vac~264Vac, max load**Short-Circuit Protection**

Units shall be protected against a continuous short circuit and over current condition over the operating range. A continuous short circuit shall not produce excessive heat and no smoke or fire

Environmental:**Temperature**

Operation

0 to +40°C

Non-operation

-20 to +70°C

Humidity

90%RH max

Emissions

FCC PART 15

Class B

IEC/EN 55022 & CISPR 22

Class B

Immunity

EN 61000-3-2

EN 61000-4-2

EN 61000-4-3

EN 61000-4-3

EN 61000-4-4

EN 61000-4-5

EN 61000-4-6

EN 61000-4-8

EN 61000-4-11

Dielectric Withstand (Hi-pot) Test ≥ 3 KVac/10mA @1minute**DC Output Connector**

2.1 x 5.5mm Center Positive Barrel

Dimension Diagram Unit: mm (inch)

