



**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 &amp; 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** $\geq 10$ ms min at 115Vac/60Hz & 230Vac/50Hz,  
max load**Over-Voltage Protection** $\leq 20.4$ V max at 90Vac~264Vac, max load**Over-Current Protection** $\leq 4$ 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 &amp; 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** $\geq 3$ KVac/10mA @1minute**DC Output Connector**

2.1 x 5.5mm Center Positive Barrel

**Dimension Diagram Unit: mm (inch)**

