



18 Watt Fixed Wall Plug Series Adapter Meets Level VI Requirements



Features

- Limited Power Source (LPS)
- Class B EMI
- Level VI Compliant
- Class II Double Insulated
- High Efficiency
- Low Cost

Applications

- Wireless Communications
- Peripherals
- Portable Equipment
- PDA

Safety Approvals

- cUL/UL 60950-1

Mechanical Characteristics

- Length: 83.5mm (3.29in)
- Width: 35mm (1.38in)
- Height: 53.5mm (2.11in)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAC18A-120L6	12V	0A	1.5A	240mV	±5%	VI

(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
47 to 63Hz

Input Current
0.5A (RMS) max at 100V AC/60Hz

Leakage Current
0.25mA maximum at 240Vac/50Hz

Inrush Current
<40A for 115V AC at maximum load
<60A for 230V AC at maximum load
(Cold start at ambient 25°C)

Output:

Efficiency
US DOE Level VI

Environmental:

Temperature
Operation 0 to +40°C
Non-operation -20 to +70°C
Humidity 90% RH max

Emissions

FCC/IC Part 15 Class B
EN55022 & CISPR Class B

Immunity

EN61000-4-2, Level 4, contact 8kv, Air 15kV, Criteria B
EN61000-4-3, Criteria A
EN61000-4-4, Criteria B
EN61000-4-5, Level 3, line to neutral ±1kV; line/neutral to FG, Criteria B
EN61000-4-6, Criteria A
EN61000-4-8, Criteria A
EN61000-4-11, Criteria B

Hold-up Time

10mS min at 115Vac/60Hz, max load

Over-Voltage Protection

20.4V max at 80Vac~264Vac/50Hz, max load

Over-Current Protection

3A max

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000V AC for 1 min., 10mA

DC Output Connector

Barrel plug 5mm x 2.1mm x 10mm

Dimension Diagram Unit: mm (inch)

