



12W Wall Plug Adapter PSAA12A-120L6 Adapter Meets Level VI Requirements



Features

- Double Insulated
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Less Than 0.3W No-Load Current
- Over-Voltage Protection
- Efficiency Level VI Compliance

Applications

- Wireless Communications
- Networking
- Portable Equipment
- Peripherals

Safety Approvals

- cUL/UL

Mechanical Characteristics ⁽¹⁾

- Length: 71.2mm (2.80in)
- Width: 33.95mm (1.34in)
- Height: 46mm (1.81in)
- Weight: 85g (3.00oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAA12A-120L6	12V	0A	1.0A	240mV	±5%	VI

(1) Measured with by-pass capacitors 0.1uf /10uf at output connector terminal and oscilloscope set at 20 MHz (tested by oscilloscope).

Input:**AC Input Voltage Rating**

100 to 240 V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

50 to 60Hz

Input Current

0.5A (RMS) maximum at 120V AC, max load

Leakage Current

0.25A maximum

Inrush Current

60A @230V AC, 25°, at maximum load

Input Power Saving

<0.075W at 240Vac, no load

Output:**Efficiency**

DOE Level VI

COC Version 5 Tier 2

Hold-up Time

10mS Min. at Max load and 120Vac 60Hz

Over-Voltage Protection

Output voltage shall not exceed 20V

Short-Circuit Protection

Protected against short circuit. Continuous short circuit will not produce fire, smoke or excessive heat.

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -40 to +85°C

Humidity 90%RH Max

Emissions

FCC Class B

EN55022 Class B

EN61000-3-2

EN61000-3-3

Immunity

EN50082-1:

EN61000-4-2 Level 4

EN61000-4-5 Level 3

EN55024

IEC610004-2

IEC610004-3

IEC610004-4

IEC610004-5

IEC610004-6

IEC610004-8

IEC610004-11

Dielectric Withstand (Hi-pot) Test

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

DC Output Connector

1200mm 26AWG in length. Matte black PVC insulation

Dimension Diagram Unit: mm – PSAA12A-120L6

