



**24W – Wall Plug Adapter
PSA24E Meets EISA and Ecodesign Requirements**



Features

- Class B EMI
- No Load Power Consumption <0.3W
- Ecodesign ErP Directive 2009/125/EC level 2 annex 1b Compliant
- Class II Double Insulated
- CEC Compliant
- Short-Circuit Protection

Applications

- Portable Equipment
- Peripherals
- Access Devices

Safety Approvals

- CE
- TUV

Mechanical Characteristics

- Length: 83.5mm (3.29in)
- Width: 35mm (1.38in)
- Height: 53.5mm (2.11in)
- Weight: 165g (5.82oz)

Output Specifications

Model ⁽¹⁾	DC Output Voltage	Load		Ripple P-P (max.)	Efficiency Level
		Min.	Max.		
PSA24E-120(P)-R	12V	0A	2A	150mV	V

Notes (1): Minimum order quantity of 1400 pieces required when ordering.

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Input:

AC Input Voltage Rating
100-240V AC

AC Input Voltage Range
90-264V AC

AC Input Frequency
50-60Hz

Input Current
0.6A (RMS) max at 100V AC

Leakage Current
0.25mA maximum

Inrush Current
85A maximum at 230V AC
(Cold Start and ambient 25°C)

Input Power Saving
<0.3W at 115V AC and 230V AC, 0A

Output:

Efficiency
Meets Level V Efficiency Requirements
82% Minimum efficiency

Environmental:
Temperature

Operation 0 to 40°C
Non-operation -40 to 85°C

Operating Humidity 5 to 90%

Over-Voltage Protection

Voltage should not exceed 20V

Over-Current Protection

5A maximum at 230V AC

EMI

FCC Class B
EN55022 Class B

Immunity

ESD: EN61000-4-2 Level 4
Surge: EN61000-4-5 Level 2
EFT: EN61000-4-4 Level 2

Dielectric Withstand (Hi-pot) Test

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

Insulation Resistance

Primary to Secondary: 7M ohm 500V DC

MTBF

100K Hours minimum at max load and 25°C

DC Output Connector

2.5mm x 5.5mm x 9.5mm

DC Cord

1.5 meters

Dimension Diagram Unit: mm (inch)

