



24W – Wall Plug Adapter PSC24E Meets ENERGY STAR Requirements



Features

- Class B EMI
- No Load Power Consumption <0.3W
- Energy Star EPS Version 2.0 Compliant
- Class II Double Insulated
- CEC Compliant
- Short-Circuit Protection

Applications

- Portable Equipment
- Peripherals
- Access Devices

Safety Approvals

- CE
- Eco-Design 2005/32/EC
- TUV

Mechanical Characteristics

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

Output Specifications

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

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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 Current85A 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 CEC Standard Level V
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)