



**24W – Wall Plug Adapter**  
**PSC24E Meets ENERGY STAR and Ecodesign Requirements**



**Features**

- Class B EMI
- No Load Power Consumption <0.3W
- Energy Star EPS Version 2.0 Compliant
- 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	DC Output Voltage	Load		Ripple P-P (max.)	Efficiency Level
		Min.	Max.		
PSA24E-120(P)-R	12V	0A	2A	150mV	Ⓥ

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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 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)**

