



**24W – Wall Plug Adapter  
PSAC24E Meets Level V 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 <sup>(1)</sup>	DC Output Voltage	Load		Ripple P-P (max.)	Efficiency Level
		Min.	Max.		
PSAC24E-120P-R	12V	0A	2A	120mV	V

Notes (1): Minimum order quantity of 3500 pieces required when ordering.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications and contact information.

**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**

50K 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)**

