



## 60 Watt Universal 2-Wire Input Adapter PSC60W Power Supply meets CEC Compliance



### Features

- Low Cost
- CEC compliant\*
- Class B EMI
- Non-vented/Spill-proof Case
- No Load Power Consumption < 0.60W
- Low Profile Design

### Applications

- Portable Equipment
- Peripherals
- Networking
- Gaming Machines

### Safety Approvals

- cUL/UL60950-1
- CE
- TUV EN60950-1
- Meeting Cal. Prop. 65

### Mechanical Characteristics

- Length: 130mm (5.12in)
- Width: 60mm (2.36in)
- Height: 32mm (1.30in)
- Weight: 300g (10.58oz.)

### Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation L-L
		Min.	Max.		
PSC60W-120*	+12V	0A	5A	120mV	±5%
PSC60W-240*	+24V	0A	2.5A	240mV	±5%

(1) Measured with using 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

\*PSC60W-120 is CEC Level III<sub>115VAC</sub> Compliant and PSC60W-240 is CEC Level IV<sub>115VAC</sub> Compliant

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications.

**INPUT:**

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Frequency**

47/63 Hz

**Input Current**

1.6A (rms) Max. @ 115VAC

0.7A (rms) Max. @ 230VAC

**Leakage Current**

250uA Max. @ 254VAC 60hz.

**Inrush Current (cold)**

90A for 110VAC at Max. load

150A for 240VAC at Max. load

(Cold start @ ambient 25°C)

**Input Power Saving**

< 0.60W for 240VAC at no load

**OUTPUT:**

**Efficiency**

84% minimum average efficiency

**Hold-up Time**

10mS Min. @ 120VAC and Max. load

**Over-voltage Protection**

Output shuts down and recovers after reset AC power

**Over-current Protection**

Output equipped with short circuit protection – auto restart

**Short Circuit Protection**

Output can be shorted without damage

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +40°C

Non-operation -5 to +80°C

**Humidity**

Operation 10 to 90%

**Emissions**

FCC Class B

EN55022 Class B

**Dielectric Withstand (Hi-pot) Test**

Primary to Secondary: 1500VAC for 1 minute, 10mA

**DC Output Connector**

2.1x5.5mm Center Positive Standard

**Dimension Diagram Unit: mm**

