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60 Watt Universal 3-Wire Input Adapter PSC60M 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.		
PSC60M-120*	+12V	0A	5A	120mV	±5%
PSC60M-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.

*PSC60M-120 is CEC Level III_{115VAC} Compliant and PSC60M-240 is CEC Level IV_{115VAC} Compliant

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

PSC60M Characteristics

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INPUT:

AC Input Voltage Rating

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Frequency

47/63Hz

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

