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60 Watt Universal 3-Wire Input Adapter PSC60M Power Supply meets CEC Compliance

CE



Features	
 Low Cost CEC compliant* Class B EMI Applications 	 Non-vented/Spill-proof Case No Load Power Consumption < 0.60W Low Profile Design
 Portable Equipment Peripherals Safety Approvals 	NetworkingGaming Machines
 cUL/UL60950-1 CE	TUV EN60950-1Meeting Cal. Prop. 65
Mechanical Characteristics	
 Length: 130mm (5.12in) Width: 60mm (2.36in) Output Specifications 	 Height: 32mm (1.30in) Weight: 300g (10.58oz.)

Model	DC Output	Load		Ripple (1)	Degulation I. I.
	Voltage	Min.	Max.	P-P (max.)	Regulation L-L
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 <u>www.phihong.com</u> for the most up-to-date specifications.

PSC60M Characteristics

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

Dimension Diagram Unit: mm

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 $+40^{\circ}C$ Non-operation -5 to +80°C

Humidity Operation

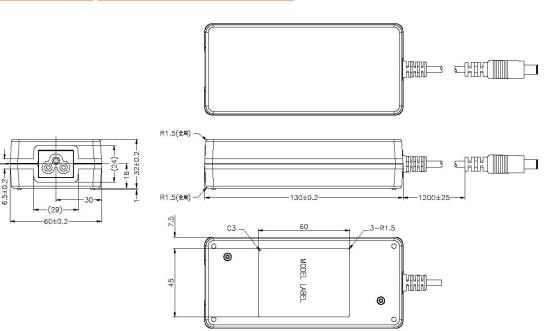
10 to 90%

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



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