



60 Watt Universal 3-Wire Input Adapter



Features

- Low Cost
- DOE Level VI Compliant
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Compliant
- Non-vented/Spill Proof Case
- No Load Power Consumption 150mW max
- Low Profile Design
- Limited Power Source

Applications

- Portable Equipment
- Peripherals
- Networking
- Gaming Machines

Safety Approvals

- CE
- CB
- cUL/UL

Mechanical Characteristics

- Length: 130mm (5.12in)
- Width: 60mm (2.36in)
- Height: 32mm (1.30in)
- Weight: 305g (10.76oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple ⁽¹⁾ P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSAC60M-120-R	+12V	0A	5.0A	200mV	±5%
PSAC60M-180-R	+18V	0A	3.33A	180mV	±5%
PSAC60M-240-R	+24V	0A	2.5A	350mV	±5%
PSAC60M-480-R	+48V	0A	1.25A	480mV	±5%
PSAC60M-560-R	+56V	0A	1.08A	560mV	±5%

(1) Measured with a 10uF capacitor and a 0.1uF capacitor at output connector terminal and oscilloscope set at 20MHz.

PhiHong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

Input:**AC Input Voltage Rating**

90VAC ~ 264VAC

AC Input Frequency

47 to 63Hz

Input Current

1.5A at 120V AC

Inrush Current150A maximum at 240V AC
(Cold Start at ambient 25°C)**Leakage Current**

3.5mA maximum

Input Power Saving

150mW max

Output:**Output Power**

60W maximum

Efficiency

DOE Level VI

Environmental:**Temperature**

Operation 0 to +40°C

Non-operation -20 to +70°C

Humidity 0 to 90%

Emissions

Complies with FCC Part 15 Class B

Complies with EN55032 Class B

Immunity

IEC61000-4-2 Level 4

IEC61000-4-5 Level 3

Over-Voltage Protection

20V max(latch off)

Over-Current Protection

8A max(auto-restart)

Short-Circuit Protection

If output shorts then circuit will auto-restart

Isolation

Primary to Secondary: 500V DC >7M OHM

Dielectric Withstand (Hi-pot) TestPrimary to Secondary: 3000V AC for 1 min.,
10mA**DC Output Connector**

2.1 x 5.5 x 9.5mm Center Positive Barrel

Technical drawing of the 1000 Series Cable Mounting Bracket, showing four views and dimensions:

- Front View:** Shows a rectangular bracket with a "MODEL LABEL" and a dimension of 45.
- Side View:** Shows a height of 32 ± 0.2 and a width of 130 ± 0.2 .
- Top View:** Shows a cable with a "TIE" and dimensions: 30REF., 120 ± 10 , and 50REF.
- Bottom View:** Shows a width of 60 ± 0.2 and a circular feature with three holes.

Supplier's Declaration of Conformity
47 CFR § 2.1077 Compliance Information

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NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.