



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	+12V	0A	5.0A	200mV	±5%
PSAC60M-180	+18V	0A	3.33A	180mV	±5%
PSAC60M-240	+24V	0A	2.5A	350mV	±5%
PSAC60M-480	+48V	0A	1.25A	480mV	±5%
PSAC60M-560	+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.

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Input:

AC Input Voltage Rating
90VAC ~ 264VAC

AC Input Frequency
47 to 63Hz

Input Current
1.5A at 120V AC

Inrush Current
150A 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

FCC Part 15 Class B
EN55022 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) Test
Primary to Secondary: 3000V AC for 1 min.,
10mA

DC Output Connector
2.1 x 5.5 x 9.5mm Center Positive Barrel

Dimension Diagram Unit:mm

