60 Watt Universal 2-Wire Input Adapter
PSAC60W Power Adapter Meets Level V Efficiency Requirements



Features

- Low Cost
- Efficiency Level V Compliance
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC Compliant
- Non-vented/Spill-proof Case
- No Load Power consumption <0.5W
- Low Profile Design
- EISA Compliant

Applications

- Portable Equipment
- Peripherals
- Networking
- Gaming Machines

Safety Approvals

- cUL/UL
- CE

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	Efficiency Level
		Min.	Max.			
PSAC60W-120	+12V	0A	5.0A	200mV	±5%	V
PSAC60W-240	+24V	0A	2.5A	350mV	±5%	V
PSAC60W-480	+48V	0A	1.25A	480mV	±5%	V
PSAC60W-560	+56V	0A	1.08A	560mV	±5%	V

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

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PSAC60W Characteristics

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Input:

AC Input Voltage Rating
100 to 240V AC

AC Input Frequency
47 to 63Hz

Input Current
1.6A at 100V AC
0.7A at 240V AC

Leakage Current
0.25mA maximum at 254V AC and 60Hz

Inrush Current
90A maximum at 100V AC
150A maximum at 240V AC

Input Power Saving
<0.5W at no load

Output:

Output Power
60W

Efficiency
Meets requirements for Level V marking

Environmental:

Temperature

Operation	0 to +40°C
Non-operation	-20 to +70°C
Humidity	5 to 90%

Emissions
FCC Class B
EN55022 Class B

Immunity

IEC61000-4-2	Level 4
IEC61000-4-5	Level 3

Over-Voltage Protection
Circuit will latch then auto-restart.

Over-Current Protection
Circuit will latch then auto-restart

Short-Circuit Protection
Output can be shorted permanently without damage

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 (inch)

