



**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 <sup>(1)</sup> 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.

**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

**Dimension Diagram Unit: mm (inch)**

