



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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-180	+18V	0A	3.33A	180mV	±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)**

**DC Output Connector**

2.1 x 5.5 x 9.5mm Center Positive Barrel

