



**60 Watt Universal 2-Wire Input Adapter**  
**PSAA60W Power Supply Meets EISA & Ecodesign Requirements**



**Features**

- Low Cost
- Efficiency Level IV Compliance
- Class B EMI
- Ecodesign ErP Directive 2009/125/EC level 1 annex 1a 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
- TUV

**Mechanical Characteristics**

- Length: 130mm (5.12in)
- Width: 60mm (2.36in)
- Height: 32mm (1.30in)
- Weight: 300g (10.58oz)

**Output Specifications**

Model	DC Output Voltage	Load		Ripple P-P (max.)	Regulation Line & Load	Efficiency Level
		Min.	Max.			
PSAA60W-120	+12V	0A	5.0A	120mV	±5%	IV
PSAA60W-150	+15V	0A	4.0A	150mV	±5%	IV
PSAA60W-180	+18V	0A	3.3A	180mV	±5%	IV
PSAA60W-240	+24V	0A	2.5A	240mV	±5%	IV
PSAA60W-480	+48V	0A	1.25A	480mV	±5%	IV

(1) Measured after 10 minutes warm up at 25°C with 12-inch twisted pair terminated with a 10uF capacitor and 0.1uF ceramic in parallel.

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**Input:**

**AC Input Voltage Rating**

100 to 240V AC

**AC Input Frequency**

50 to 60Hz

**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**

85% average

**Environmental:**

**Temperature**

Operation 0 to +40°C

Non-operation -20 to +80°C

Humidity 10 to 90%

**Emissions**

FCC Class B

EN55022 Class B

VCCI Class B

**Immunity**

IEC61000-4-2

IEC61000-4-3

IEC61000-4-4

IEC61000-4-5

IEC61000-4-6

IEC61000-4-11

EN61000-3-2

**Over-Voltage Protection**

Circuit will latch; restart after cycling AC power with 2 minutes unplugged

**Over-Current Protection**

Circuit will latch

**Short-Circuit Protection**

Output can be shorted permanently without damage

**Isolation**

Primary to Secondary: 500V DC >100M 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)**

