



50 Watt Universal Switching Adapter PSA60W Single Output Series



Features

- Compact
- Power On LED
- Non-vented/Spill-proof Case
- Double Insulated

Applications

- Portable Equipment
- Peripherals
- Notebook Computers
- Networking

Safety Approvals

- cUL/UL
- CE
- TUV
- Meeting Cal. Prop. 65

Mechanical Characteristics

- Length: 102mm (4.01in)
- Width: 63.5mm (2.5in)
- Height: 32.5mm (1.28in)
- Weight: 400g (14oz.)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max.)	Regulation Line & Load
		Min.	Max.		
PSA60W-120	+12V	0A	4.16A	120mV	±4%
PSA60W-150	+15V	0A	3.33A	150mV	±4%
PSA60W-180	+18V	0A	2.77A	180mV	±4%
PSA60W-240	+24V	0A	2.10A	240mV	±4%

(1) Measured with by-pass capacitors 0.1uf/10uf at output connector terminal and oscilloscope set at 20 Mhz.

Phihong reserves the right to make changes without further notice. Please consult Phihong USA and visit www.phihong.com for the most up-to-date specifications.

INPUT:

AC Input Voltage Rating

100 to 240VAC

AC Input Voltage Range

90 to 264VAC

AC Input Frequency

47 to 63Hz

Input Current

1.5A (rms) max. @ 115VAC

0.8A (rms) max. @ 230VAC

Leakage Current

0.25mA max.

Inrush Current (cold)

55A for 120VAC at max. load

100A for 240VAC at max. load

(Cold start @ ambient 25°C)

OUTPUT:

Efficiency

80% typical

Hold-up Time

10mS min. @ 120VAC and max. load

Over Voltage Protection

>130% over-voltage detection, adapter will be shut down

Over Current Protection

Output equipped with short circuit protection – auto restart

Short Circuit Protection

Output can be shorted without damage

Thermal Protection

115°C internal

ENVIRONMENTAL:

Temperature

Operation 0 to +33°C

Non-operation -25 to +75°C

Humidity

Operation 5 to 80%

Emissions

FCC Class B

EN55022 Class B

Dielectric Withstand (Hi-pot) Test

Primary to Secondary: 3000VAC for 1 minute, 10mA

DC Output Connector

2.1x5.5mm Center Positive Standard

Mating Connector

Kycon KLD-0202-A or equivalent

Dimension Diagram Unit: mm (inch)

