

50/60 Watt World Wide - Two Wire Universal Input PSA60W Mini Adapter Series



PHIHONG USA - Fremont

Tel: 1-510-445-0100

Fax: 1-510-445-1678

E-mail: usasales@phihongusa.com

www.phihong.com

PHIHONG Taiwan - Taipei:

Tel: 886-2-29882126

886-2-29805255

Fax: 886-2-29817086

886-2-29833222

E-mail: phtsales@phihong.com.tw

www.phihong.com.tw

PHIHONG China - Tianjin:

Tel: 86-22-66880040

Fax: 86-22-66880038

E-mail: eva_liu@phihong.com.tw

PHIHONG Japan - Tokyo:

Tel: 81-3-5447-5001

Fax: 81-3-5447-5002

PHIHONG Europe - Glasgow, UK:

Tel: 44-1698-816773

Fax: 44-1698-802290

E-mail: iaian@mariam.co.uk

PHIHONG Brazil - Minas Gerais:

Tel: 55-35-34715566

Fax: 55-35-34713577

E-mail:

commercial@phihong-pwm.com.br

www.phihong-pwm.com.br



Features

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

Applications

- Notebook Computers
- Portable Equipment
- Peripherals
- Networking

Safety Approvals Pending

- cUL 1950
- CE
- TUV EN60950
- T-mark

Mechanical Characteristics

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

Output Specifications

Model	DC Output Voltage	Load		Power Max	Ripple(1) P-P (Max)	Regulation Line & Load
		Min.	Max.			
PSA-60W-120	12V	0A	4.16A	50W	120mV	±4%
PSA-60W-150	15V	0A	3.33A	50W	150mV	±4%
PSA-60W-180	18V	0A	3.33A	60W	180mV	±4%
PSA-60W-190	19V	0A	3.16A	60W	190mV	±4%
PSA-60W-240	24V	0A	2.50A	60W	240mV	±4%

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel

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INPUT:**AC Input Voltage**

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current

1.5Arms (120VAC)

0.75Arms (240VAC)

AC Inrush Current (Cold)

55A max. (120VAC)

100A max. (240VAC)

Efficiency

80% typical

OUTPUT:**Hold-up Time**

>10ms Full load, 120VAC

Overvoltage Protection

Zener Diode Clamping

Overcurrent Protection

>120%, Auto Restart

Thermal Protection

115°C Internal

ENVIRONMENTAL:**Operation Temperature (Convection)**

-0 to 33°C

Storage Temperature

-25 to +75°C

Humidity

5 to 95% RH (Non-condensing)

Emissions

FCC Class B

EN 55022 B

Immunity

EN 50082-1: 1997

61000-4-2, Level 3

61000-4-3, Level 2

61000-4-4, Level 2

61000-4-5, Level 3

61000-4-6, Level 2

61000-4-11

GENERAL:**Leakage Current**

Less than 0.25mA (254VAC)

Dielectric Withstand (Hipot)

Input to Output

3000VAC, 1 min., 10mA

Switching Frequency:

70KHz (typical)

MTBF

70K hrs. (Full Load, 25°C)

MIL-HDBK-217F

Power On Indicator

Green LED

AC Input Connector

EN 60320/C8 (Two Wire)

(Mates with C7 plug)

DC Output Connector

2.1mm x 5.5mm x 10mm

coaxial plug;

Center Positive Standard

Dimension Diagram Unit: mm (inch)