

18W Plug-In Adaptor Series

PSA-18 Double Insulated Switching Adaptor



GREEN
MONITOR
FILTER
P

Features

- Compact size
- Light weight
- Reliable design
- Short circuit proof

Applications

- Portable electronics
- Small computers, PDA's
- Compact peripheral devices
- Business machines

Safety Approvals

- UL 1310 Class II
- CSA 22.2 223 Class II

Mechanical Characteristics

- Dimensions:
- Length: 88mm (3.46in)
 - Width: 58mm (2.28in)
 - Height: 28mm (1.1in)
 - Weight: 141.75gm (5oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P	Regulation (2)	
		Min.	Max.		Line	Load
PSA-18-050	5.1V	0A	2.5A	50mV	+1%	+5%
PSA-18-120	12V	0A	1.5A	120mV	+1%	+5%

(1) Measured by using a 12 inch twisted pair terminated with a 10 μ F capacitor and 0.1 μ F ceramic capacitor in parallel.

(2) With one meter (39 in.) 18 AWG cord attached, output will be at the nominal voltage with a total regulation of +5%.

ISO 9001 • BABT
Facility Approvals



ENTERPRISE CO., LTD.

16, Lane 530, Chung Cheng N. Rd.
Sanchung City, Taipei
Taiwan 24103, R.O.C.
Phone: 886-2-988-2126
886-2-980-5255
Fax: 886-2-981-7086
886-2-983-3222

PHIHONG USA

U.S. Headquarters:
48607 Warm Springs Blvd.
Fremont, CA 94539
Phone: (510) 445-0100
Fax: (510) 445-1678
Email: usasales@phihongusa.com
Internet: <http://www.phihongusa.com>

Eastern Office:

3005 Brodhead Road
Bethlehem, PA 18017
Phone: (610) 866-9911
Fax: (610) 866-9920

Southwestern Office:

3325 Cochran St., Suite 200
Simi Valley, CA 93063
Phone: (805) 520-8177
Fax: (805) 520-3907

18W Plug-In Adaptor Series PSA-18 Double Insulated Switching Adaptor

Characteristics

AC Input Voltage
90VAC-132VAC

AC Frequency
47 to 63Hz

AC Input Current
0.5A at 115VAC

AC Leakage Current
0.5mA (max.)

AC Inrush Current (Cold)
40A at 110VAC, 25°C

Efficiency
70-75% typical at full load

Hold-up Time
16msec. at full load,
115VAC

Switching Frequency
50KHz, typical

Overcurrent Protection
Short circuit protected

Operation Temperature
0 to 40°C

Storage Temperature
-40 to +85°C

MTBF
Calculated
Greater than 150,000 hours,
full load, 25°C
(MIL-HDBK-217)

EMI
FCC Class B

AC Connector
Flat blade, unpolarized

DC Connector (2.1mm)
Center positive; shell is return.

Dimension Diagram Unit: mm (inch)

