ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Phihong PSA-18-050* at our website: *Click HERE*

18W Plug-In Adaptor Series

PSA-18 Double Insulated Switching Adaptor



NRTL/C

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 10µF capacitor and 0.1µF 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%.

PHIHONG

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ISO 9001 • BABT
Facility Approvals

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

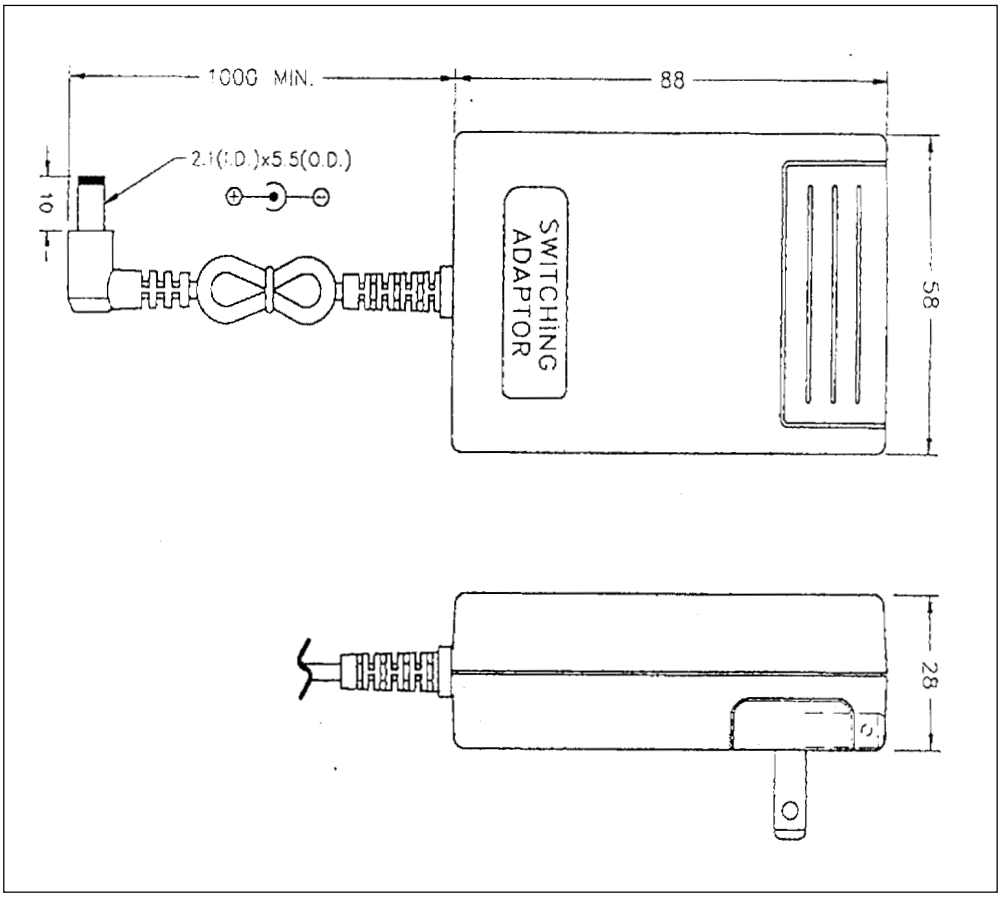
MTBF
Calculated
Greater than 150,000 hours, full load, 25˚C
(MIL-HDBK-217)

EMI
FCC Class B

AC Connector
Flat blade, unpolarized

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

Dimension Diagram Unit: mm (inch)



18/703

PHIHONG

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Mouser Electronics

Authorized Distributor

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Phihong:

PSA-18-050 PSA-18-120

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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