

15 Watt Universal 3-Wire Input

PSM-15U Single Output Series



Features

- Cost Effective Design
- Class B EMI, Shielded Cable
- Non-vented/Spill-proof Case
- IEC320 C14 Grounded Input

Applications

- Notebook Computers
- Portable Equipment
- Peripherals
- Networking

Safety Approvals

- UL1950
- CSA 22.2 950
- TUV EN60950

Mechanical Characteristics

- Dimensions:
- Length: 112mm (4.4in)
 - Width: 60mm (2.36in)
 - Height: 36mm (1.4in)
 - Weight: 235gm (8.3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P (max)	Regulation L-L
		Min.	Max.		
PSM-15U-050	+5V	0A	3.0A	50mV	±5%
PSM-15U-120	+12V	0A	1.25A	120mV	±5%
PSM-15U-150	+15V	0A	1.0A	150mV	±5%
PSM-15U-240	+24V	0A	0.625A	240mV	±5%

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

NON-HIGH

**ISO 9001 • BABT • MITI
Facility Approvals**



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Characteristics

INPUT:

AC Input Voltage
90 to 264 VAC

AC Input Frequency
47 to 63Hz

AC Input Current (Full Load)
1Arms (115VAC)
0.5Arms (230VAC)

AC Inrush Current
25A max. (115VAC)
50A max. (230VAC)

AC Surge Immunity

EN 61000-4-5, Level 3

Efficiency
67% typical

OUTPUT:

Hold-up Time (Full Load)
>16ms Full Load, 120VAC

Overvoltage Protection
Included, all models

Short Circuit Protection Auto Restart

ENVIRONMENTAL:

Operation Temperature
0 to 45°C

Storage Temperature
-30 to +85°C

Humidity

8 to +90% RH (Non-condensing)

Emissions

FCC Class B
EN 55022 B
VCCI Class B

Immunity

EN 50082-1:EN 61000-4-2, Level 2
EN 61000-4-3, Level 2
EN 61000-4-4, Level 2

GENERAL:

Leakage Current
Less than 3.5mA (240VAC)

Dielectric Withstand (Hipot)

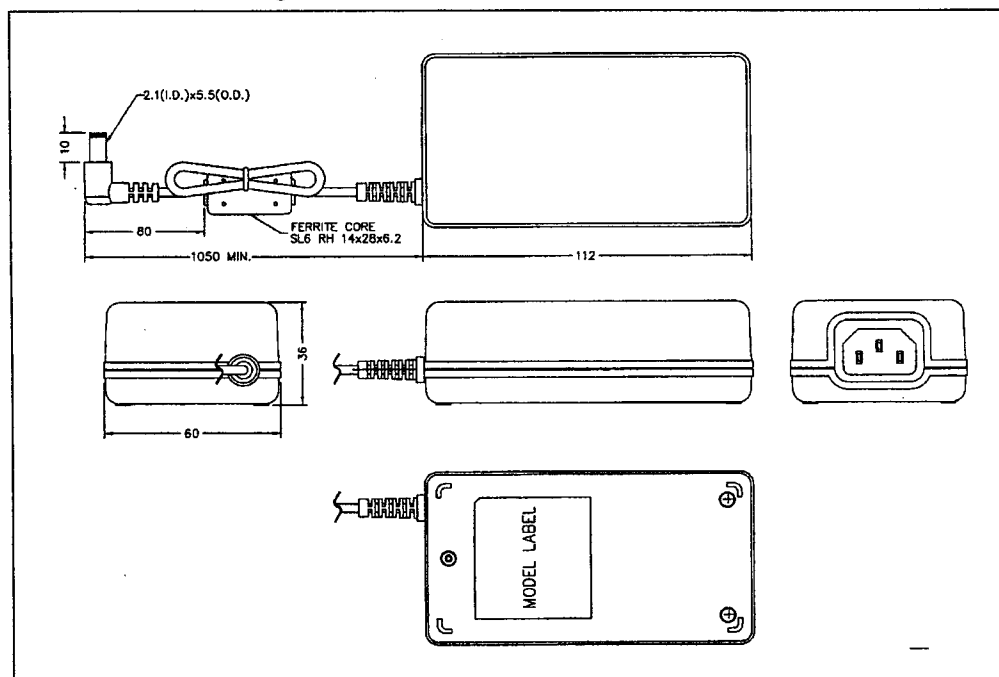
Input > Output
3000VAC, 1 min., 10mA

MBTF (full load, 25°C)
MIL-HNBK: 50K hrs.

AC Mating Connector
IEC 320/C13 Cord

DC Output Connector
2.1mm ID, 5.5mm OD
Coaxial Power Plug

Dimension Diagram Unit: mm (inch)



1511/PBF

Mouser Electronics

Authorized Distributor

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[PSM-15U-120](#)