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TECHNOLOGY GROUP

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30W Universal Input

PSA-30U Mini-Adaptor Series



Features

- Compact Size
- Light Weight
- Reliable Design
- Short Circuit Proof

Applications

- Portable Equipment
- Compact Peripherals
- Computer Networks
- Business Machines

Safety Approvals

- UL1950 [E127643]
- CSA 22.2 234 [LR56927-121]
- TUV EN60950 [S9452057]
- MITI [91-54488], [91-54489]

Mechanical Characteristics

Dimensions:
- Length: 112mm (4.41in)
- Width: 60mm (2.36in)
- Height: 36mm (1.42in)
- Weight: 235gm (8.3oz)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P	Regulation
		Min.	Max.		
PSA-30U-050 (P)*	5V	0A	4.0A	50mV	±5%
PSA-30U-090 (P)*	9V	0A	2.2A	90mV	±5%
PSA-30U-120 (P)*	12V	0A	2.5A	120mV	±5%
PSA-30U-150 (P)*	15V	0A	2.0A	150mV	±5%
PSA-30U-180 (P)*	18V	0A	1.6A	180mV	±5%
PSA-30U-240 (P)*	24V	0A	1.25A	240mV	±5%

(1) Measured at output connector terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel.
(P)* Indicated center positive output. Call regarding other voltages.

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Characteristics

AC Input Voltage
90 to 264 VAC

AC Input Frequency
47 to 63Hz

AC Input Current
1Arms (110VAC)

AC Leakage Current
3.5mA max.

AC Inrush Current
25A at 110VAC, 25˚C

AC Surge
IEC 1000-4-5: 801-5 Level 3

Efficiency
75% typical, full load

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

Switching Frequency
50KHz (typical)

Overvoltage Protection
150% max., Non-condensing

Overcurrent Protection
Short Circuit Protected

Operation Temperature
0 to 40˚C

Storage Temperature
-40˚C to +85˚C

MTBF
50,000 hrs. at full load and 25˚C

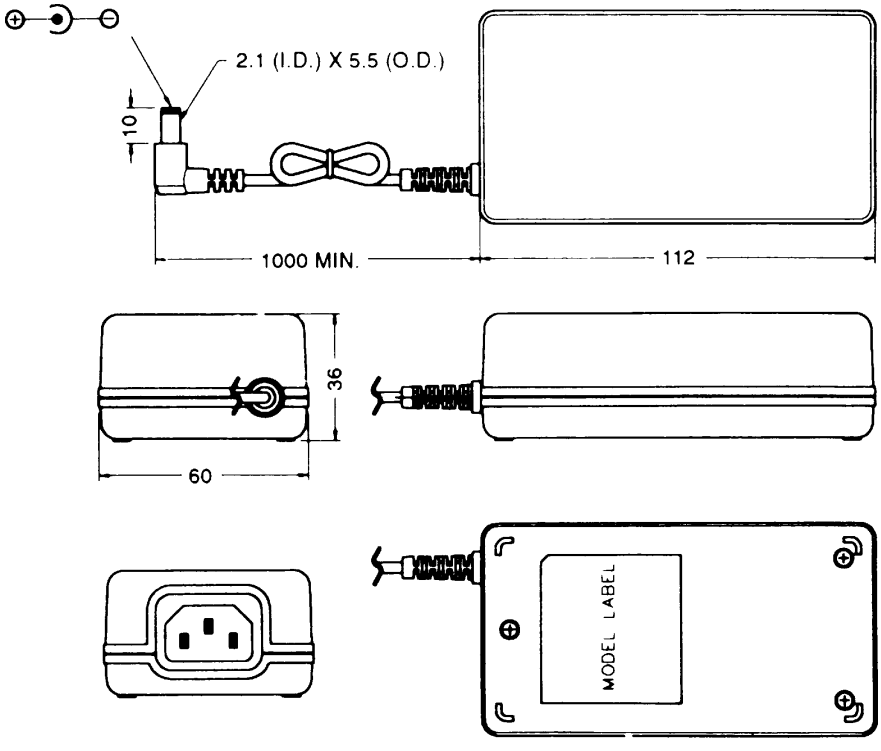
Emissions
FCC Class B
VFG243
EN 50081-1: EN 55022 B

Immunity
EN 50082-1:
IEC 801-2 Level 3
IEC 801-3 Level 2
IEC 801-4 Level 2

AC Connector
EN 60320/13

DC Connector:
2.1mm coaxial, Center positive

Dimension Diagram Unit: mm (inch)



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