

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.

GNZOFF

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, 25C

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 40C

Storage Temperature

-40C to +85C

MTBF

50,000 hrs. at full load and 25C

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



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Dimension Diagram Unit: mm (inch)

