



110W Universal Industrial Series PSA110 Quad Output L-Bracket



Features

- Integral EMI filter
- Low Profile Design
- Cover Available
- Over Voltage Protection

Applications

- Network
- Low Profile Racks
- Computer Peripherals
- Business Machines

Safety Approvals

- UL 1950
- TUV EN 60950
- CSA 22.2 234
- CE (Low Voltage Directive)

Mechanical Characteristics

- Dimensions:
- Length: 172.7mm (6.81in)
 - Height: 43.6mm (1.7in)
 - Width: 93.5mm (3.7in)
 - Weight: 0.72kgm (1.6lb)

Output Specifications

Model	DC Output Voltage	Load				Ripple(1) P-P	Total Regulation
		Min.	Convection	30cfm	Peak		
PSA-110-401	+5V	2A	7A	9A	9A	50mV	±2%
	+12V	1A	3A	3.5A	5A	100mV	±6%
	-5V	0A	0.5A	0.75A	1A	100mV	±6%
	-12V	0A	0.5A	0.75A	1A	100mV	±6%

(1) Measured by using a 12 inch twisted pair terminated with a 10mfd capacitor and 0.1mfd ceramic capacitor in parallel with primary and secondary ground holes connected together.
 (2) Maximum continuous output power shall not exceed 80 watts convection or 110 watts fan cooled.

AC Input Voltage

90VAC-264VAC

AC Frequency

47 to 63Hz

AC Input Current

3A maximum (115V)
1.5A Maximum (230V)

Leakage Current

0.75mA
(254VAC, 50Hz)

AC Inrush Current

25A at 115VAC
50A at 240VAC

Efficiency

70% typical at full load, 120VAC

Hold-up Time

16msec. at full load, 120VAC

Switching Frequency

50KHz, typical

Overvoltage Protection

5.5 to 6.5V (+5 Output)

Overcurrent Protection

Short circuit protected
Auto-Restart

Operation Temperature

0 to +50°C

Storage Temperature

-25 to +85°C

MTBF

Calculated
Greater than 100,000 hours,
full load, 25°C
(MIL-HDBK-217F)

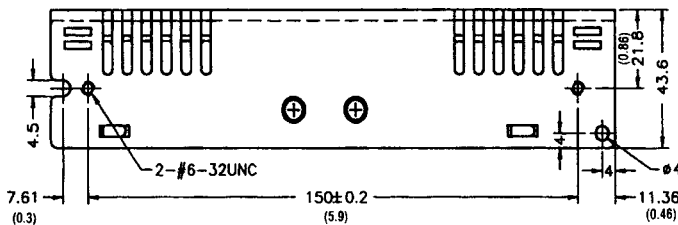
EMI

FCC Class A
VDE 0871 Class A
Class B Available)

Mating Connectors

AC: Molex 09-50-3051
DC: Molex 09-50-3081

Dimension Diagram Unit: mm (inch)



Connections:
Pins 1,2 -
Pins 5,6 - V2
Pins 9,10 - V3
Pin 12 - V4
Pins 3,4,7,8,11 - Return

