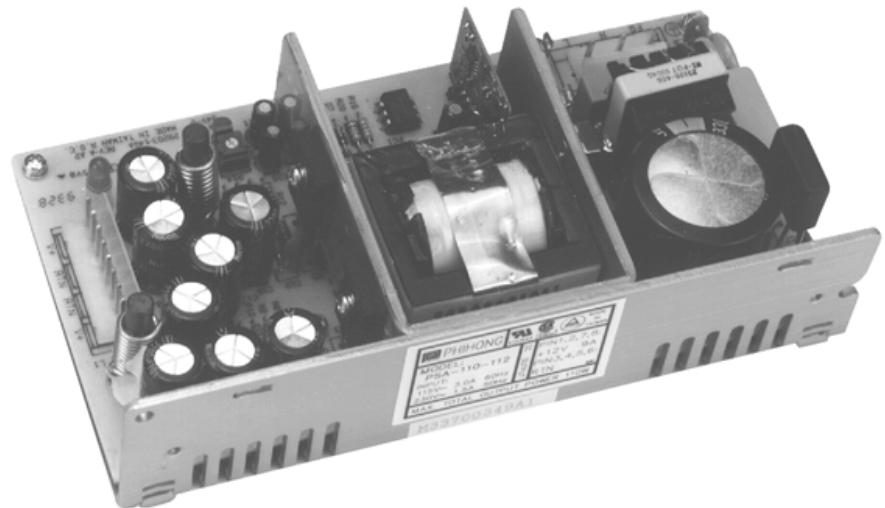




# 110W Universal Industrial Series PSA110 Single Output L-Bracket



## Features

- Integral EMI filter
- 100% Burn-In
- Low Profile Design
- Over Voltage Protection

## Applications

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

## Safety Approvals

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

## Mechanical Characteristics

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

## Output Specifications

Model	DC Output Voltage	Load			Ripple P-P	Regulation	
		Min.	Convection	Max. <sup>(2)</sup>		Line	Load
PSA110-105	+5V	1A	16A	22A	50mV	±2%	±2%
PSA110-112	+12V	0A	7A	9A	120mV	±2%	±2%
PSA110-115	+15V	0A	5A	7.3A	150mV	±2%	±2%
PSA110-124	+24V	0A	3.3A	4.5A	240mV	±2%	±2%

(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) Forced air 30CFM required.

## PSA110 Single Characteristics

# POWER SUPPLY

### 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 (Cold Start)

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

All models

### Overcurrent Protection

Short circuit protected

Auto-Restart

### Operation Temperature

0 to +50°C

### Humidity

10 to 90% (Non-Condensing)

### Storage Temperature

-25 to +85°C

### MTBF

Calculated

Greater than 100,000 hours,

full load, 25°C

(MIL-HDBK-217F)

### EMI

FCC Class B

EN55022 B

### Mating Connectors

AC: Molex 09-50-3051

DC: Molex 09-50-3081

## Dimension Diagram Unit: mm (inch)

