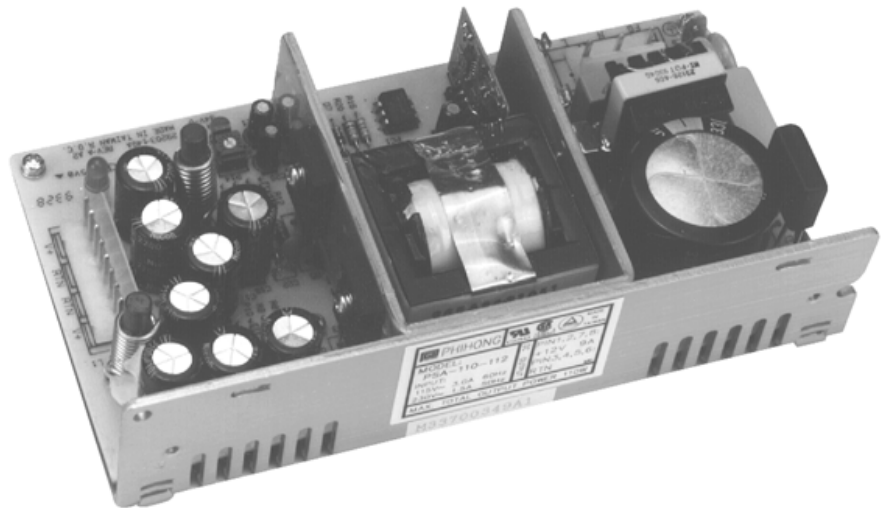




# 110W Universal Industrial Series PSA110 Single Output L-Bracket



## 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.

**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)**

