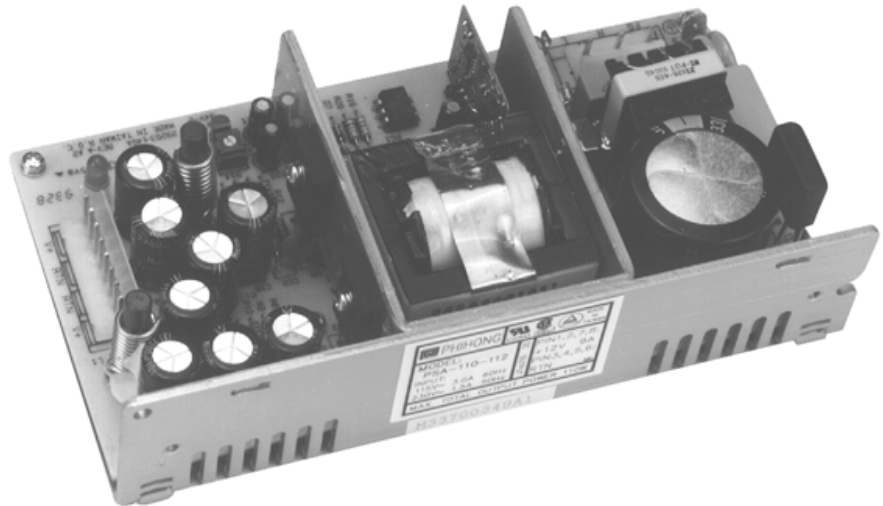




## 110W Universal Industrial Series PSA110 Single Output L-Bracket



### 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<br>Voltage | Load |            |                     | Ripple<br>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)**