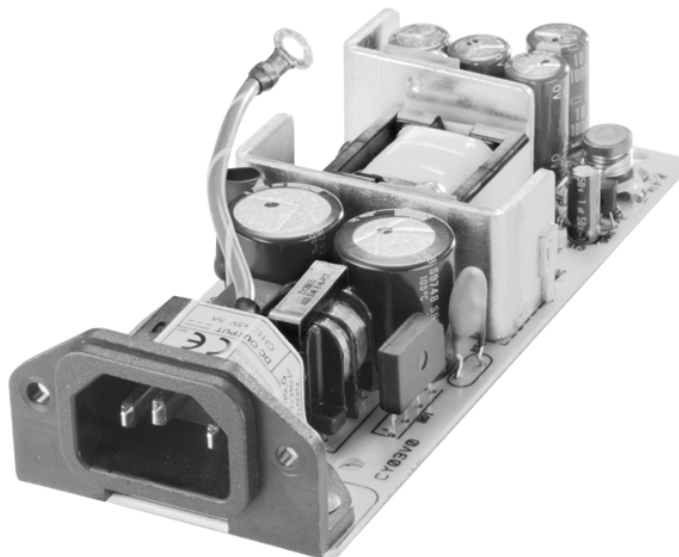




## 25W Universal Input, Compact PCB PSA25LS Open Frame with C14 Connector



### Features

- Compact 2" x 5" PCB
- CISPR 22B; FCC B EMI
- Low .85" Profile
- Integral AC Connector

### Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

### Safety Approvals Pending

- cUL 1950, 3rd Edition
- CE (Low Voltage Directive)
- TUV EN60950

### Mechanical Characteristics

- Dimensions:
- Length: 127mm (5in)
  - Width: 50.8mm (2in)
  - Height: 21.5mm (0.846in)
  - Weight: 135gm (4.7oz)

### Output Specifications

Model	DC Output Voltage	Load		Ripple(1) P-P	Regulation		Max Power
		Min.	Max.		Line	Load	
PSA25LS-033	3.3V	0A	5A	50mV	±1%	±2%	16.5W
PSA25LS-050	5.0V	0A	5A	50mV	±1%	±2%	25.0W

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel

**INPUT:**

**AC Input Voltage**

85 to 264 VAC

**AC Input Frequency**

47 to 63Hz

**AC Input Current**

0.5Arms (120VAC)

0.25Arms (240VAC)

**AC Inrush Current (Cold)**

30A max. (120VAC)

60A max. (240VAC)

**Efficiency**

70% Typical

**Humidity**

20 to 90% RH (Non-condensing)

**Emissions**

FCC Class B

EN 55022 B

**Immunity**

EN 50082-1: 1997

61000-4-2, Level 3

61000-4-3, Level 2

61000-4-4, Level 2

61000-4-5, Level 3

61000-4-6, Level 2

61000-4-11

**OUTPUT:**

**Hold-up Time**

16ms Full load, 120VAC

**Overvoltage Protection**

Zener Diode Clamping

**Overcurrent Protection**

Auto Restart

**ENVIRONMENTAL:**

**Operation Temperature (Convection)**

0 to 50°C

**Storage Temperature**

-25 to +75°C

**GENERAL:**

**Leakage Current**

Less than 0.75mA (254VAC)

**Dielectric Withstand (Hipot)**

Input to Output  
3000VAC, 1 min., 10mA

**Switching Frequency**

100KHz (typical)

**MTBF (Full Load, 25°C)**

MIL-HDBK-217F: 150K hrs.

**AC Input Connector**

EN 60320/C14

**DC Output Connector**

Molex 09-65-2048 or Equivalent

**Dimension Diagram Unit: mm (inch)**

