



## PSA-25LS



PSA-25LS OEM OPEN FRAME

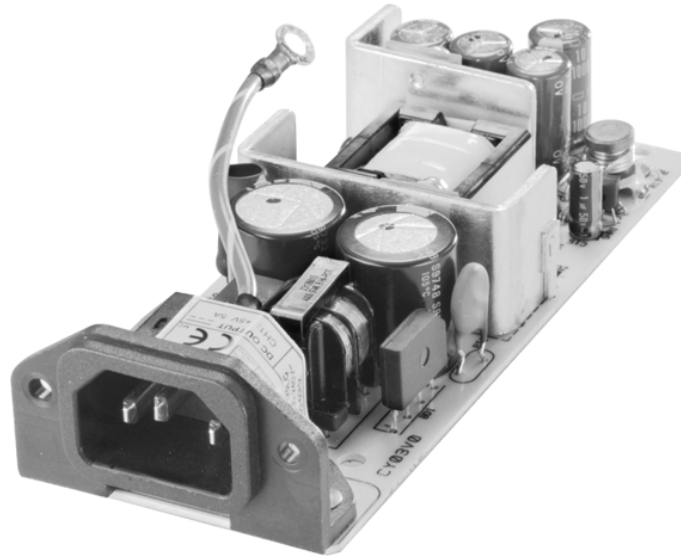
### Dimensions

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

MODEL	DC OUTPUT VOLTAGE	LOAD	
		Min.	Max.
PSA-25LS-033*	3.3V	0A	5A
PSA-25LS-050*	5.0V	0A	5A



# 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

## PSA25LS Characteristics

# POWER SUPPLY

### 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)

