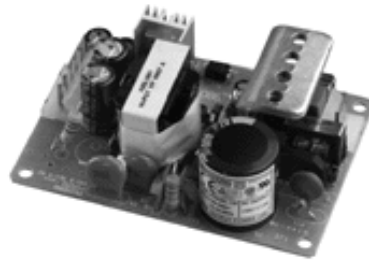




## PSA-25L



PSA-25L COMPACT OEM OPEN FRAMES  
Single and Multiple Output

### Dimensions

Length: 91.5mm (3.6in)

Width: 63mm (2.48in)

Height: 29mm (1.14in) — for PSA25L-30, Height: 33.5mm (1.32in)

Weight: 150gm (5.33oz)

MODEL	DC OUTPUT VOLTAGE	LOAD	
		Min	Max
PSA-25L-033*	+3.3V	0.0A	5.0A
PSA-25L-050*	+5V	0.0A	4.0A
PSA-25L-120	+12V	0.0A	2.0A
PSA-25L-150	+15V	0.0A	1.7A
PSA-25L-240*	+24V	0.0A	1.0A
.....			
PSA-25L-201	+5V	0.2A	2.6A (3A pk)
	+12V	0.0A	1.0A (1.5 pk)

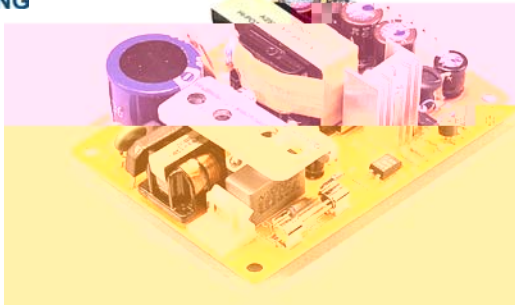
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PSA-25L-301	+5V	0.2A	2.0A
	+12V	0.12A	1.0A (1.5A pk)
	-12V	0.02A	0.3A (0.5A pk)

*\*Note: Special order items. Minimum order quantity of 1000 pieces is required.*



## 25 Watt Single and Multiple Output PSA25L Compact Open Frames



- 3.6" x 2.48" Footprint
- Low Profile fits 1U Height Requirement
- Class B Conducted EMI
- Networking
- Compact Equipment
- cUL/UL
- CE (Low Voltage Directive)
- Length: 91.5mm (3.6inch)
- Width: 63mm (2.48inch)
- Low Cost
- Over Voltage and Short Circuit Protection
- Peripherals and Terminals
- Microcomputers
- TUV
- Height: 29mm (1.14in)
- Height: 33.5mm (1.32in) for PSA25L-301
- Weight: 150gm (5.33oz.)

Model	DC Output Voltage	Load		Ripple (2) P-P (max.)	Regulation Line / Load	
		Min.	Max.(1)			
PSA25L-033	+3.3V	0.05A	5A	50mV	±50mV	±100mV
PSA25L-050	+5V	0.05A	4A	50mV	±50mV	±100mV
PSA25L-120	+12V	0.05A	2A	120mV	±50mV	±100mV
PSA25L-150	+15V	0.05A	1.7A	150mV	±50mV	±100mV
PSA25L-240	+24V	0.05A	1A	240mV	±50mV	±100mV
PSA25L-201	+5V	0.2A	2.6A	50mV	±3%	±5%
	+12V	0A	1A	120mV	±3%	±5%
PSA25L-301	+5V	0.2A	2A	50mV	±1%	±5%
	+12V	0.1A	1A	120mV	±1%	±10%
	-12V	0A	0.3A	120mV	±1%	±5%

(1) 30CFM forced air required.

(2) Measured by using a 12 inch twisted pair terminal with a 10uF capacitor and a 0.1uF ceramic capacitor in parallel.

**INPUT:****AC Input Voltage Rating**

100 to 240VAC

**AC Input Voltage Range**

90 to 264VAC

**AC Input Frequency**

47 to 63Hz

**Input Current**

0.8-1A (rms) maximum @ 120VAC

0.4-0.5A (rms) maximum @ 240VAC

**Leakage Current**

<0.25mA 254VAC, 60Hz

**Inrush Current**

30A for 120VAC at maximum load

60A for 240VAC at maximum load

(Cold start @ ambient 25°C)

**OUTPUT:****Efficiency**

70% minimum

**Hold-up Time**

16mS minimum @ maximum load, and 120VAC 60Hz

**Over-Voltage Protection**

By Zener Diode Clamping

**Short Circuit Protection**

Output equipped with short circuit protection – auto restart

Output can be shorted permanently without damage

**ENVIRONMENTAL:****Temperature**

Operation 0 to +40°C

Non-operation -25 to +75°C

**Humidity**

Operation 0 to 85% Non-Condensing

Non-operation 0 to 90% Non-Condensing

**Emissions**

Conducted:

FCC Class B

EN55022 Class B

Radiated:

FCC Class A

EN55022 Class A

**Dielectric Withstand (Hi-pot) Test**

Input to output: 3000VAC for 1minute 10mA

**Insulation Resistance**

Input to output: >10M OHM, 500VDC

**Input Connector**

Molex 09-50-3031 or equivalent

**Output Connector**

Single and Dual output:

Molex 09-50-3051 or equivalent

Single: Pin 1: NC; Pin 2, 3: COM; Pin 4, 5: V1

Dual: Pin 1: V2; Pin 2, 3: COM; Pin 4, 5: V1

Triple output:

Molex 09-50-3061 or equivalent

Pin 1: V2; Pin 2, 3: V1; Pin 4, 5: COM; Pin 6: V3

**Single and Dual Outputs:**

[Redacted]

[Redacted]

[Redacted]

[Redacted]

**Triple Output:**

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]