



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

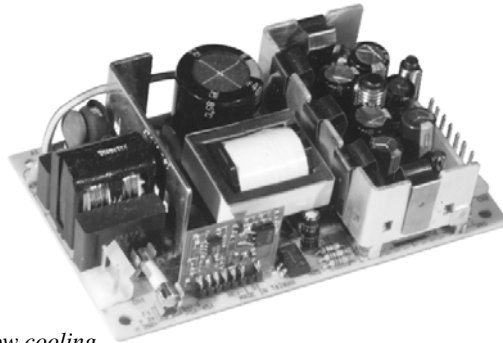
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





60W* Universal Class B EMI Series PSA45 Series One to Four Output 3x5 Power Supplies



*60W Rated at 20CFM air flow cooling

Features

- Industrial
- Zero Minimum Loads
- Surface Mount Controller
- ISA 9001 Quality System
- Extended Design Life

Applications

- Networking
- Peripherals and Terminals
- Mini-microcomputers

Safety Approvals

- UL 1950
- CSA 22.2 234
- TUV IEC 950
- CE (Low Voltage Directive)

Mechanical Characteristics

- Length: 127mm (5in)
- Width: 76.2mm (3in)
- Height: 30.0mm (1.2in)
- Weight: 270g (9.5oz)

Output Specifications

Model	DC Output Voltage	Load				Ripple*	Total (2) Regulation
		Min.	Convection	20cfm	Peak (3)	P-P	
PSA45-033	+3.3V	0A	9A	10A	10A	50mV	±2%
PSA45-050	+5V	0A	8A	10A	10A	50mV	±2%
PSA45-120	+12V	0A	4A	5A	5A	120mV	±2%
PSA45-150	+15V	0A	3A	4A	4A	150mV	±2%
PSA45-240	+24V	0A	2A	2.5A	2.5A	240mV	±2%
PSA4525	+5V(V1)	0A	3A	4A	4A	50mV	±2%
	+24V(V2)	0A	1.25A	1.5A	1.5A	240mV	±5%
PSA4531	+5V(V1)	0A	4A	5A	7A	50mV	±2%
	+12V(V2)	0A	1.5A	2.5A	4A	120mV	±5%
	-12V(V3)	0A	0.5A	0.5A	1A	120mV	±5%
PSA4534	+5V(V1)	0A	4A	5A	7A	50mV	±2%
	+15V(V2)	0A	1.2A	2A	3A	150mV	±5%
	-15V(V3)	0A	0.5A	0.5A	1A	150mV	±5%
PSA4541	+5V(V1)	0A	3A	5A	7A	50mV	±2%
	+12V(V2)	0A	2A	2A	4A	120mV	±5%
	-12V(V3)	0A	0.5A	0.5A	1A	120mV	±5%
	-5V(V4)	0A	0.5A	0.5A	1A	50mV	±5%

(1) Measured at 45W by using a 12-inch twisted pair, terminated with a 10mfd capacitor and 0.1mfd ceramic in parallel.

(2) See Reverse for exact tolerances; may deviate during peak loading conditions

(3) Peak output of less than 30 Seconds; total peak power not to exceed 60W.

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

Input:

AC Input Voltage Rating

100 to 240V AC

AC Input Voltage Range

90 to 264V AC

AC Input Frequency

47 to 63Hz

Input Current

2A (RMS) at maximum load and 120V AC

1A (RMS) at maximum load and 240V AC

Leakage Current

3.5mA maximum

Inrush Current

30A for 120V AC at maximum load

60A for 240V AC at maximum load

(Cold start at ambient 25°C)

Hold-up Time

12mX typical at maximum load at 120V AC, 60Hz

Output:

Efficiency

68% typical at maximum load and 120V AC

Over-Voltage Protection

Crowbar, V1 only

Over-Current Protection

Short-Circuit Protection – Auto-Restart

Environmental:

Temperature

Operation 0 to 50°C

Non-operation -25 to +85°C

Humidity

Operation 5 to 95% non-condensing

Emissions

FCC Class B

EN55022 Class B

General:

Insulation Resistance

50M ohm minimum

Dielectric Withstand (Hi-pot) Test

Input to Ground: 1500V AC for 1 minute, 10mA

Switching Frequency

50KHz typical

MTBF (Full load and 110V AC, 25°C)

100K hours at maximum load

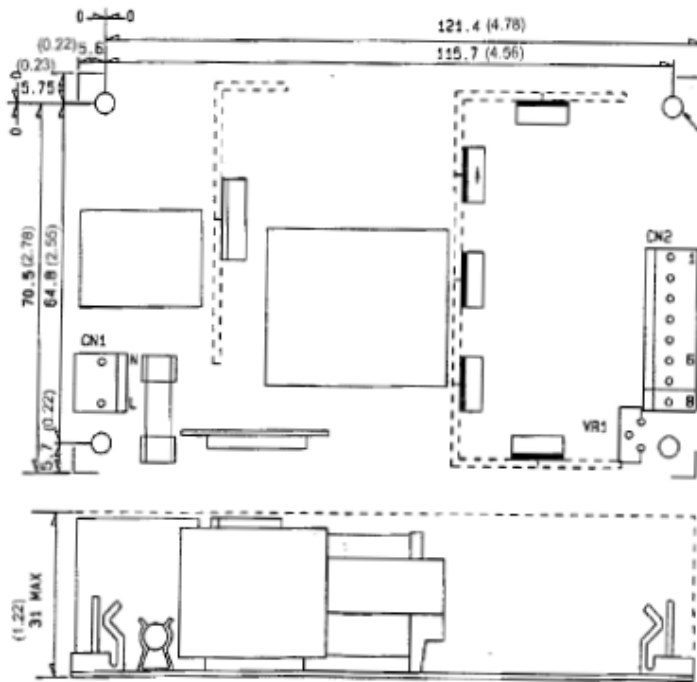
AC Mating Connector

Molex 09-50-3031

DC Output Connector

Molex: 09-50-3061 or 3081(Quad only)

Dimension Diagram Unit: mm (inch)



For Single Output:

CN1	1	L
	2	N
CN2	1	+V
	2	+V
	3	+V
	4	GND
	5	GND
	6	GND

For Multiple Outputs:

CN1	1	L
	2	N
CN2	1	V ₂
	2	V ₁
	3	V ₁
	4	GND
	5	GND
	6	V ₃
	7	V ₄ GND
	8	V ₄