



TRI-MAG, Inc.
your POWER Specialists

1601 N. CLANCY CT. • VISALIA, CA 93291
 (559) 651-2222 • FAX (559) 651-0188
<http://www.tri-mag.com>
sales@tri-mag.com

SNP-C06 SERIES

60 Watts

Industrial Applications

90 Watts Peak Current



GENERAL SPECIFICATIONS

Input Voltage..... 85VAC to 264VAC
 Input Frequency..... 47Hz to 63Hz
 Inrush Current (cold)..... Less than 30A at
 115VAC, 25°C
 Operating Temperature..... -20 to 70°C
 de-rated 2.5%/°C >50°C
 Storage Temperature.....-40°C to 85°C
 Cooling..... Free Air Convection
 Efficiency.....75% to 85%
 Holdup Time.....>16ms at 115VAC
 Overvoltage Type..... Latch Off
 Overload Protection..... Auto recovery
 Short Circuit Protection.....Auto recovery
 Designed in full compliance with UL 60950-1,
 CSA 22.2 #60950-1,
 EN60950-1
 EMIFCC "B"
 EN55022 "B", EN55011 "B"
 EMS.....EN61000-4-2,-3,-4,-5,-6,-8,-11
 Harmonics..... EN61000-3-2

DESCRIPTION

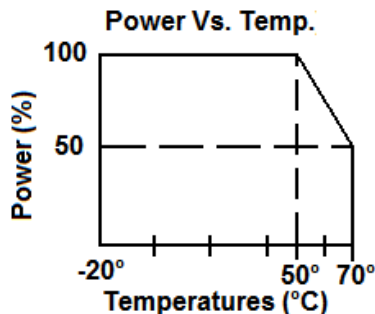
SNP-C06 series is a universal input single output power supply. The series is a 60 watt power supply in the size of 3.74"x 3.93" with a wattage density of 2.87W/in³. The efficiency can reach up to 77-86% depending on model.

FEATURES

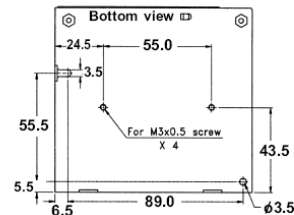
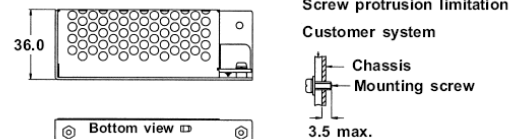
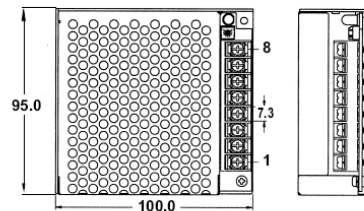
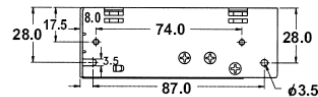
- EMI FCC Class B
- No Minimum Load Required
- Single & Multiple Outputs
- Universal input 90VAC to 264VAC
- LED Indicator

APPLICATIONS

- Computer Peripherals
- Telecommunications
- Tape Drives
- Test Instrumentation Product
- Data Acquisition
- Industrial



MECHANICAL SPECIFICATIONS



Connector:
 AC input & DC output : Terminal Block 8.25mm / 0.325" Spacing
 Size: 95mm x 100mm x 36mm ; 3.75" x 3.93" x 1.42"
 Net Weight 390g approx. / Unit



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OUTPUT SPECIFICATIONS

Model	Watts	Voltage (Vdc)	Load (A)				Voltage Tolerance	Ripple & Noise Pk to Pk	Regulation	
			Min.	Rate	Max	Peak			Line	Load
SNP-C06B	60	+3.3V	0	15		20	+3.25V~+3.355V	50mVpp	±1%	±1%
SNP-C066	60	+5V	0	10		18	+6.95V~+5.05V	50mVpp	±1%	±1%
SNP-C067	60	+12V	0	5		7.5	+11.4V~+12.6V	120mVpp	±1%	±1%
SNP-C068	60	+15V	0	4		6	+14.25V~+15.75V	150mVpp	±1%	±1%
SNP-C069	60	+24V	0	2.5		3.8	+22.8V~+25.2V	240mVpp	±1%	±1%
SNP-C06T	60	+48V	0	1.3		1.9	+45.6V~+50.4V	240mVpp	±1%	±1%
SNP-C063	60	+5V	0	6	8	10	+4.95V~+5.05V	50mVpp	±1%	±2%
		+12V	0	2	3	4	+11.4V~+12.6V	120mVpp	±1%	±2%
SNP-C06A	60	+5V	0	4	5	6	+4.95V~+5.05V	50mVpp	±1%	±1%
		+24V	0	1.5	2	3	+22.8V~+25.2V	240mVpp	±1%	±1%
SNP-C060	60	+5V	0	5	7	8	+4.95V~+5.05V	50mVpp	±1%	±2%
		+12V	0	1.5	2	3	+11.4V~+12.6V	120mVpp	±1%	±2%
		-12V	0	0.5	1		-11.4V~-12.6V	120mVpp	±1%	±3%
		-5V	0	0.5	1		+4.95V~+5.05V	50mVpp	±1%	±3%
SNP-C064	60	+5V	0	5	7	8	+4.95V~+5.05V	50mVpp	±1%	±2%
		+15V	0	1.2	2	2.7	+11.4V~+12.6V	150mVpp	±1%	±2%
		-15V	0	0.5	1		-14.25V~-15.75V	150mVpp	±1%	±3%
		-5V	0	0.5	1		-4.95V~-5.05V	50mVpp	±1%	±3%
SNP-C06F	60	+5V	0	3	5	6	+4.95V~+5.05V	50mVpp	±1%	±2%
		+12V	0	0.9	2	3	+11.4V~+12.6V	120mVpp	±1%	±2%
		+24V	0	0.9	1.5	2	+22.8V~+25.2V	240mVpp	±1%	±3%
		-12V	0	0.5	1		-11.4V~-12.6V	120mVpp	±1%	±3%

Note: Contact factory for Safety Agency Approved status.

SNP-C06 SERIES 60 WATT— PIN ASSIGNMENT

Pin	1	2	4	4	5	6
Model						
SNP-C04B	AC/L	AC/N	Earth	GND	+3.3V	
SNP-C046	AC/L	AC/N	Earth	GND	+5V	
SNP-C047	AC/L	AC/N	Earth	GND	+12V	
SNP-C048	AC/L	AC/N	Earth	GND	+15V	
SNP-C049	AC/L	AC/N	Earth	GND	+24V	
SNP-C04T	AC/L	AC/N	Earth	GND	+48V	
SNP-C043	AC/L	AC/N	Earth	+12V	GND	+5V
SNP-C04A	AC/L	AC/N	Earth	+24V	GND	+5V