

SNP-C15 SERIES

150 Watts

Industrial Applications

225 Watts Peak Current



DESCRIPTION

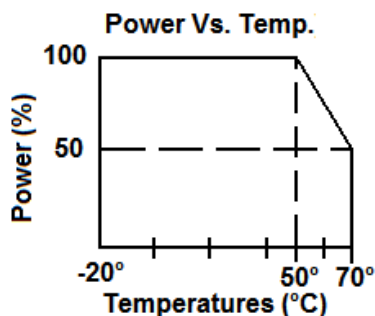
SNP-C15 series is a universal input single output power supply. The series is a 150 Watt power supply in the size of 3.74" x 7.83" with a wattage density of 3.42W/in³. The efficiency can reach up to 82-87% depending on model.

FEATURES

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

APPLICATIONS

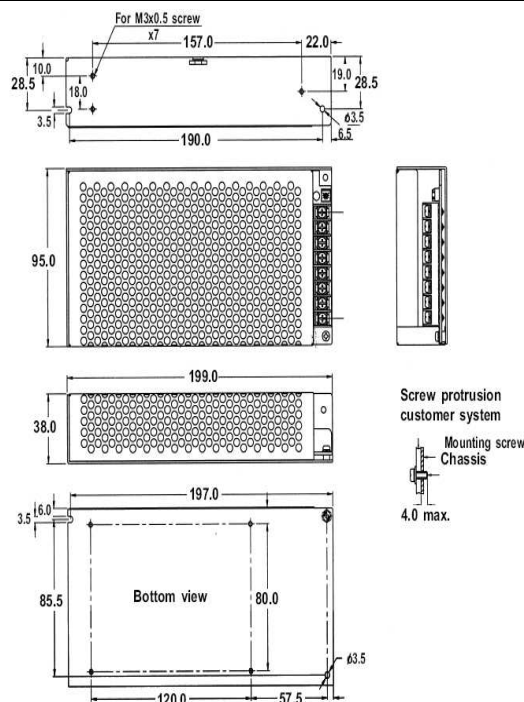
- Computer Peripherals
- Telecommunications
- Tape Drives
- Test Instrumentation Product
- Data Acquisition
- Industrial



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.....	82% to 87%
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
EMI	FCC "B" EN55022 "B", EN55011 "B"
EMS.....	EN61000-4-2,-3,-4,-5,-6,-8,-11
Harmonics.....	EN61000-3-2

MECHANICAL SPECIFICATIONS



Connector:
 AC input & DC output : Terminal Block 8.25mm / 0.325" Spacing
 Size: 95mm x 199mm x 38mm ; 3.74" x 7.83" x 1.5"
 Net Weight 770g approx. / Unit

OUTPUT SPECIFICATIONS

Model	Watts	Voltage (Vdc)	Load (A)			Voltage Tolerance	Ripple & Noise Pk to Pk	Regulation	
			Min.	Rate	Peak			Line	Load
SNP-C157	150	+12V	0	12.5	19	+11.4V~-12.6V	120mVpp	±1%	±1%
SNP-C158	150	+15V	0	10	15	+14.25V~-15.75V	150mVpp	±1%	±1%
SNP-C159	150	+24V	0	6.5	10	+22.8V~-25.2V	240mVpp	±1%	±1%
SNP-C15T	150	+48V	0	3.2	5	+45.6.8V~-50.4V	240mVpp	±1%	±1%
SNP-C153	150	+5V	0	12	18	+4.95V~-5.05V	50mVpp	±1%	±1%
		+12V	0	6	9	+11.4V~-12.6V	120mVpp	±1%	±1%
SNP-C15A	150	+5V	0	8	12	+4.95V~-5.05V	50mVpp	±1%	±3%
		+24V	0	4	6	+22.8V~-25.2V	240mVpp	±1%	±3%
SNP-C150	150	+5V	0	12	20	+4.95V~-5.05V	50mVpp	±1%	±3%
		+12V	0	5	10	+11.4V~-12.6V	120mVpp	±1%	±3%
		-12V	0	0.5		-11.4V~-12.6V	120mVpp	±1%	±3%
		-5V	0	1		-4.95V~-5.05V	50mVpp	±1%	±3%
SNP-C154	150	+5V	0	11	20	+4.95V~-5.05V	50mVpp	±1%	±3%
		+15V	0	4	8	+14.25V~-15.75V	150mVpp	±1%	±3%
		-15V	0	0.5		-14.25V~-15.75V	150mVpp	±1%	±3%
		-5V	0	1		-4.95V~-5.05V	50mVpp	±1%	±3%
SNP-C15F	150	+5V	0	7	10	+4.95V~-5.05V	50mVpp	±1%	±3%
		+12V	0	3	6	+11.4V~-12.6V	150mVpp	±1%	±3%
		+24V	0	0.5	5	+22.8V~-25.2V	240mVpp	±1%	±3%
		-5V	0	0.5		-4.95V~-5.05V	120mVpp	±1%	±3%

Note: Contact factory for Safety Agency Approved status.

SNP-C15 SERIES 150WATT— PIN ASSIGNMENT

Pin Model	1	2	4	4	5	6	7	8
SNP-C157	AC/L	AC/N	Earth	GND	+12V			
SNP-C158	AC/L	AC/N	Earth	GND	+15V			
SNP-C159	AC/L	AC/N	Earth	GND	+24V			
SNP-C15T	AC/L	AC/N	Earth	GND	+48V			
SNP-C153	AC/L	AC/N	Earth	+12V	GND	+5V		
SNP-C15A	AC/L	AC/N	Earth	+24V	GND	+5V		
SNP-C150	AC/L	AC/N	Earth	-12V	-5V	+12V	GND	+5V
SNP-C154	AC/L	AC/N	Earth	-15V	-5V	+15V	GND	+5V
SNP-C15F	AC/L	AC/N	Earth	-12V	+24V	+12V	GND	+5V