

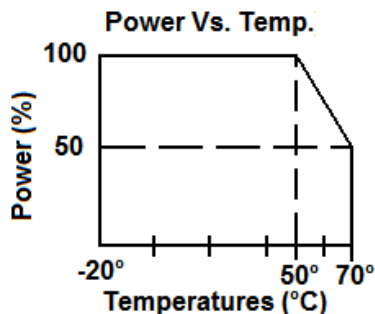


A photograph of a compact, rectangular electronic device, likely a power supply or control unit. The top surface is covered in a dense grid of circular perforations. The front face features a black terminal block with several screw terminals. The device is mounted on a blue printed circuit board (PCB).

SNP-C08 series is a universal input single output power supply. The series is an 80 Watt power supply in the size of 3.75"x 5.07" with a wattage density of 2.96W/in³. The efficiency can reach up to 77-86% depending on model.

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

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



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
EMI	FCC “B” EN55022 “B”, EN55011 “B”
EMS.....	EN61000-4-2,-3,-4,-5,-6,-8,-11
Harmonics.....	EN61000-3-2

Technical drawings of the M3000 chassis showing dimensions and views:

- Top View:** Overall dimensions are 120.0 (width) and 95.0 (height). Key features include a top rail with a width of 20.0 and a height of 28.5, and a bottom rail with a width of 2.5 and a height of 3.5. A central area is defined by 77.0 and 10.5 dimensions. A circular feature has a diameter of 18.0. A mounting hole has a diameter of $\phi 3.5$.
- Side View:** Shows a height of 36.0 and a width of 129.0. It includes a detail of a screw protrusion limit with a height of 8 and a distance of 7.3 from the top surface.
- Bottom View:** Overall dimensions are 122.0 (width) and 85.5 (height). It shows a central area with a width of 51.0 and a height of 33.0. A note indicates "For M3x0.5 screw X 5". A mounting hole has a diameter of $\phi 3.5$.

Connector:
AC input & DC output : Terminal Block 8.25mm / 0.325" Spacing
Size: 95mm x 129mm x 36mm; 3.74" x 5.07" x 1.42"
Net Weight 460g approx. / Unit

OUTPUT SPECIFICATIONS

Model	Watts	Voltage (Vdc)	Load (A)			Voltage Tolerance	Ripple & Noise Pk to Pk	Regulation	
			Min.	Rate	Peak			Line	Load
SNP-C08B	80	+3.3V	0	17	27	+3.25V~+3.35V	50mVpp	±1%	±1%
SNP-C086	80	+5V	0	14	23	+4.95V~+5.05V	50mVpp	±1%	±1%
SNP-C087	80	+12V	0	7	10.5	+11.4V~+12.6V	120mVpp	±1%	±1%
SNP-C088	80	+15V	0	5.3	8	+14.25V~+15.75V	150mVpp	±1%	±1%
SNP-C089	80	+24V	0	3.3	5	+22.8V~+25.2V	240mVpp	±1%	±1%
SNP-C08T	80	+48V	0	1.7	2.6	+45.6V~+50.4V	240mVpp	±1%	±1%
SNP-C083	80	+5V	0	7	12	+4.95V~+5.05V	50mVpp	±1%	±2%
		+12V	0	3	5	+11.4V~+12.6V	120mVpp	±1%	±2%
SNP-C08A	80	+5V	0	5	10	+4.95V~+5.05V	50mVpp	±1%	±2%
		+24V	0	2	4	+22.8V~+25.2V	480mVpp	±1%	±2%
SNP-C080	80	+5V	0	6	10	+4.95V~+5.05V	50mVpp	±1%	±2%
		+12V	0	2.5	5	+11.4V~+12.6V	120mVpp	±1%	±2%
		-12V	0	0.5		-11.4V~-12.6V	120mVpp	±1%	±3%
		-5V	0	0.5		+4.95V~+5.05V	50mVpp	±1%	±3%
SNP-C084	80	+5V	0	6	10	+4.95V~+5.05V	50mVpp	±1%	±2%
		+15V	0	2	4	+14.25V~+15.75V	120mVpp	±1%	±2%
		-15V	0	0.5		-14.25V~-15.75V	120mVpp	±1%	±3%
		-5V	0	0.5		-4.95V~-5.05V	50mVpp	±1%	±3%
SNP-C08F	80	+5V		4	8	+4.95V~+5.05V	50mVpp	±1%	±2%
		+12V	0	1.5	4	+11.4V~+12.6V	120mVpp	±1%	±2%
		+24V	0	1	2.5	+22.8V~+25.2V	240mVpp	±1%	±3%
		-12V		0.5		-11.4V~-12.6V	120mVpp	±1%	±3%

Note: Contact factory for Safety Agency Approved status.

SNP-C08 SERIES 80 WATT— PIN ASSIGNMENT

Pin Mode	1	2	4	4	5	6	7	8
SNP-C08B	AC/L	AC/N	Earth	GND	+3.3V			
SNP-C086	AC/L	AC/N	Earth	GND	+5V			
SNP-C087	AC/L	AC/N	Earth	GND	+12V			
SNP-C088	AC/L	AC/N	Earth	GND	+15V			
SNP-C089	AC/L	AC/N	Earth	GND	+24V			
SNP-C08T	AC/L	AC/N	Earth	GND	+48V			
SNP-C083	AC/L	AC/N	Earth	+12V	GND	+5V		
SNP-C08A	AC/L	AC/N	Earth	+24V	GND	+5V		
SNP-C080	AC/L	AC/N	Earth	-12V	-5V	+12V	GND	+5V
SNP-C084	AC/L	AC/N	Earth	-15V	-5V	+15V	GND	+5V
SNP-C08F	AC/L	AC/N	Earth	-12V	+24V	+12V	GND	+5V