THE RELIABLE SOURCE

Medical & ITE

ATX Based Application

Rated 86W
Max. 106W
Peak 130W
SNP-TX08



3" x 5" x 1.38"

Features:

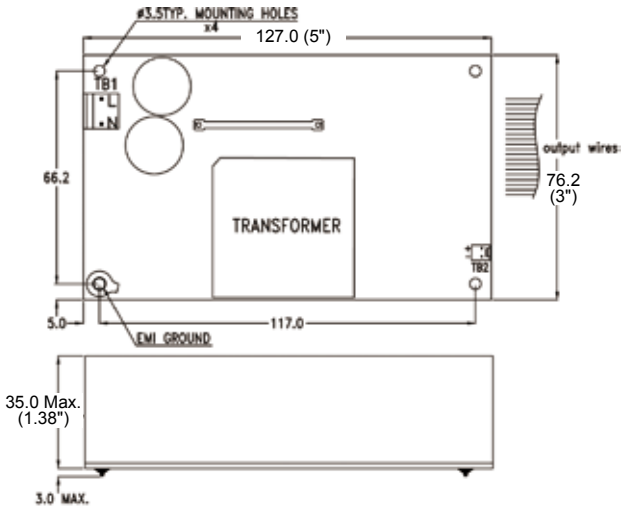
- Design for BF application
- Safety Class II & EMI Class B
- With ATX outputs & connectors
- High mechanical torque start-up
- -20°C to +70°C operating temperature
- 5,000m operation altitude
- Convection cooling for rated load
- Forced air for max. load

General Specifications:

Input voltage ..... 90 VAC to 264 VAC
Input frequency ..... 47 Hz to 63 Hz
Inrush current ..... < 35/70A at 115/230VAC
Hold up time 18ms
Over load/Short circuit protection ..... auto recovery
Over voltage protection ..... latch off
Operating temperature ..... -20°C to 70°C
derating: 2.5% / °C > 50°C
Storage temperature ..... -40°C to +85°C

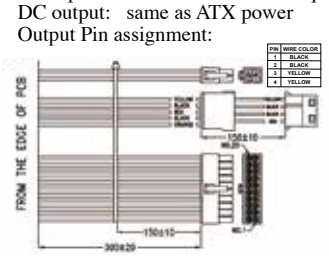
EMI ..... EN55011 "B", EN61000-3-3
Harmonics..... EN61000-3-2, class A
EMS..... EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety ..... UL/CSA/EN60950-1, 2nd edition
ANSI/AMMI/CSA/EN60601-1, 3rd edition
CB report, CE mark, RM report/file

Mechanical Specifications:



Notes:

1. Size:
   3" x 5" x 1.38"
2. Mounting Hole:
   66.2 x 117 (mm)
3. Connectors:
   AC input: Molex 5277-02A or equivalent
   DC output: same as ATX power
4. Output Pin assignment:



Wire Color	Voltage
ORANGE	3.3V
RED	5V
YELLOW	12V
BLUE	-12V
GREY	PWR_OK
BLACK	GND
PURPLE	+5Vsb
GREEN	POWER ON

5. Packing:
   Net weight: TBD g approx. / unit
   Gross weight: TBD kg approx. / carton, TBD units / carton
   Carton size (mm): TBD (L) x TBD (W) x TBD (H)

-Kevin-

10 years Warranty (contact Skynet's Distributors for details)

Output Specifications:

MODEL NO.	OUTPUT RAIL	LOAD				INITIAL ACCURACY	STEP EFFICIENCY			AVG. EFF.	STATUS
		MIN.	RATED	MAX.	PEAK		@ 20% LOAD	@ 50% LOAD	@ 100% LOAD		
SNP-TX08	+3.3V	0A	3.5A	8A	1A$_{min.}$	+3.1V~+3.4V	68%	79%	81%	76%	ready
	+5V	0A	3.5A	8A	1A$_{min.}$	+4.95V~+5.05V					
	+12V	0A	3.5A	5.5A	8A	+11.5V~+12.5V					
	-12V	0A	0.5A	0.5A	0.5A	-11.5V~-12.5V					
	+5Vsb	0A	1A	1A		+4.85V~+5.15V					

Note:

1. **Output Load:**

   Rated 86W for convection cooling; max. 106W for forced air cooling.

2. **Peak Load Duration:**

   Peak 130W can last for 8 sec. But minimum load on +3.3V and +5V are required.

-Kevin-