2" x 4" x 0.97"

Features:

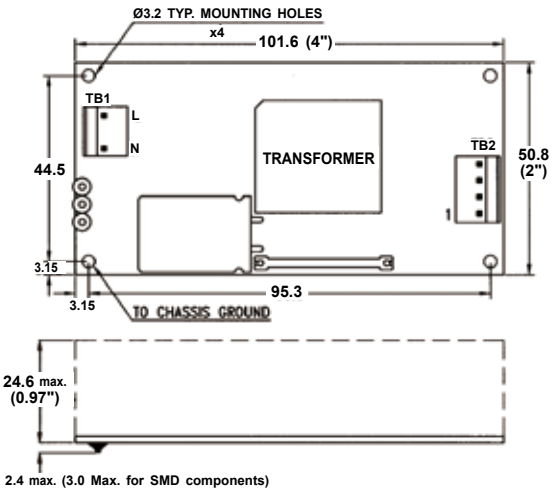
- Design for BF application
- High mechanical torque start-up
- -20°C to +70°C operating temperature
- 3,000m operation altitude
- Convection cooling for rated load
- Cost effective

General Specifications:

Input voltage ..... 90 VAC to 264 VAC
Input frequency ..... 47 Hz to 63 Hz
Inrush current ..... < 30/60A at 115/230VAC
Hold up time 16ms
Over load/Short citcuit 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 ..... ANSI/AMMI/CSA/EN60601-1, 3rd edition
CB report, CE mark, RM report/file

Mechanical Specifications:



Notes:

1. Size:
   2" x 4" x 0.97"
2. Mounting Hole:
   44.5 x 95.3 (mm)
3. Connectors:
   AC input: Molex 5277-02A or equivalent
   DC output: Molex 5273-04A or equivalen
4. Output Pin assignment:

1	2	3	4
Vo	Vo	GND	GND

5. Packing:
   Net weight: 110 g approx. / unit
   Gross weight: 14 kg approx. / carton, 100 units / carton
   Carton size (mm): 420 (L) x 382 (W) x 277 (H)

-Jim-

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

Output Specifications:

PRODUCT NO.	OUTPUT RAIL	LOAD				VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	MAX.	PEAK				
SNP-H067-M	+12V	0A	5.00A		6.50A	+11.9V~+12.1V	120mVpp	±1%	±1%
SNP-H068-M	+15V	0A	4.00A		5.60A	+14.9V~+15.1V	100mVpp	±1%	±1%
SNP-H065-M	+18V	0A	3.33A		4.67A	+17.9V~+18.1V	150mVpp	±1%	±1%
SNP-H069-M	+24V	0A	2.50A		3.50A	+23.9V~+24.1V	150mVpp	±1%	±1%
SNP-H06G-M	+28V	0A	2.14A		3.00A	+27.9V~+28.1V	150mVpp	±1%	±1%
SNP-H06J-M	+36V	0A	1.66A		2.21A	+35.8V~+36.2V	200mVpp	±1%	±1%
SNP-H06T-M	+48V	0A	1.25A		1.75A	+47.8V~+48.2V	250mVpp	±1%	±1%
SNP-H06H-M	+60V	0A	1.00A		1.40A	+59.6V~+60.4V	300mVpp	±1%	±1%

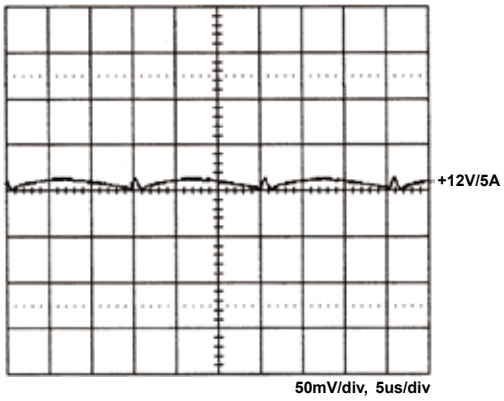
Note:

1. **Output Load:**
   60W for convection cooling; 72W for forced air cooling.
2. **Peak Load Duration:**
   Peak load can last for 5 sec.
3. **Isolation Grade:**
   Primary ⟷ Ground : 1MOPP (1500Vac)
   Primary ⟷ Secondary : 2MOPP (4000Vac)
   Secondary ⟷ Ground : 1MOPP (1500Vac)
4. **Leakage Current:**
   Earth leakage current < 300uA
   Touch current < 100uA
5. **EMI Grounding:**
   If there is a metal sheet under the power supply, connect the EMI ground to that metal sheet.
6. **Model Selection:**
   SNP-HF6x-M is for medical application.

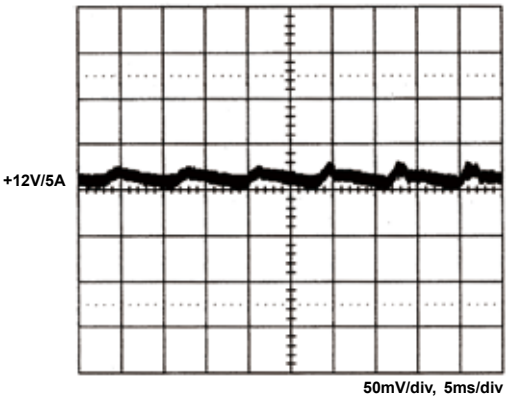
-Jim-

Performance for SNP-H067-M (input voltage is 115VAC, unless others specified):

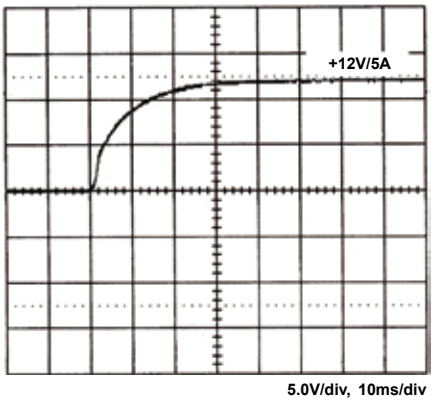
1. Switching frequency ripple



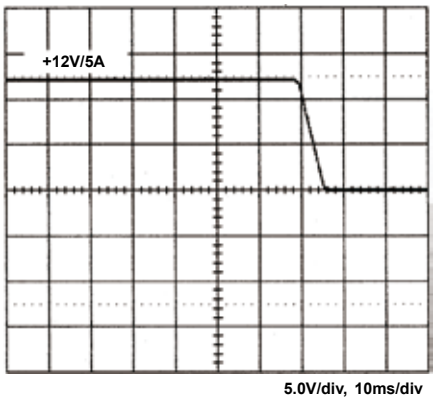
2. Line frequency ripple



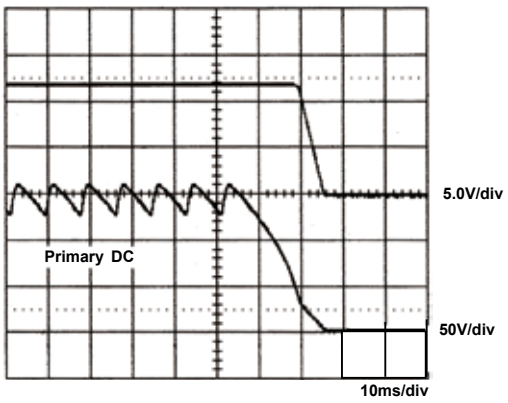
3. Output turn on wave form



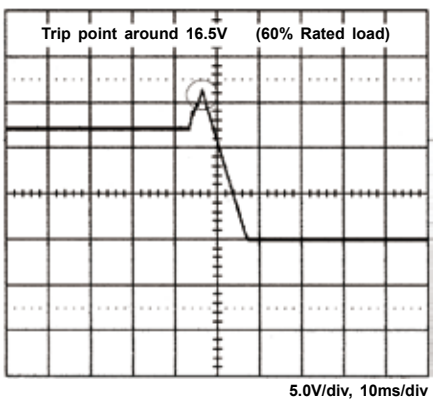
4. Output turn off wave form



5. Hold-up time

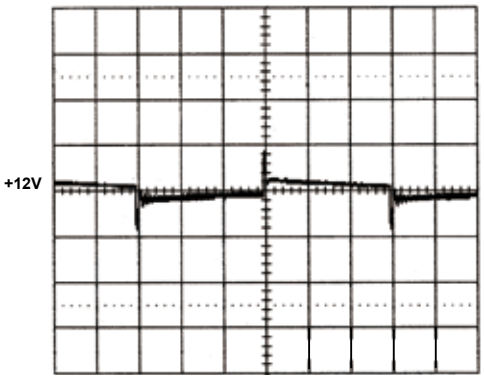


6. Over voltage protection



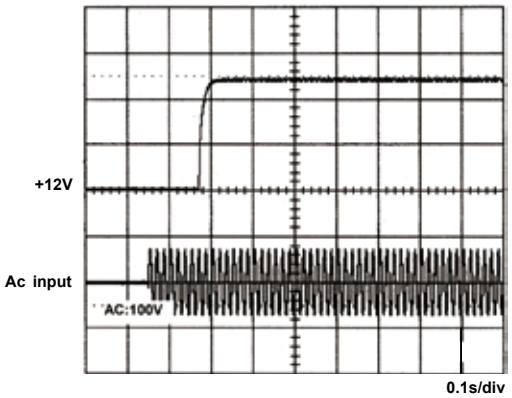
-Jim-

7. +12V step response

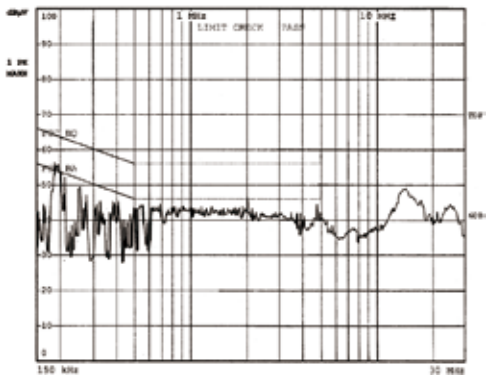


+12V step from 1A to 5A

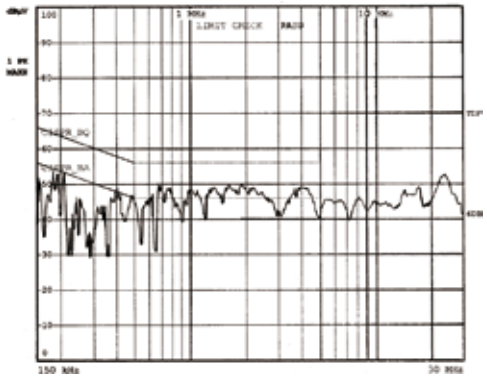
8. Start up time



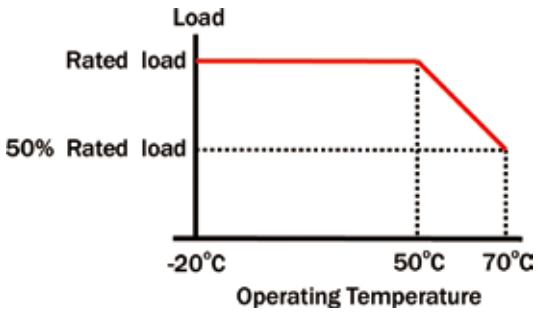
9. FCC B



10. CISPR 22 B



11. Power Derating Curve



-Jim-