



2" x 4" x 0.97"

Features:

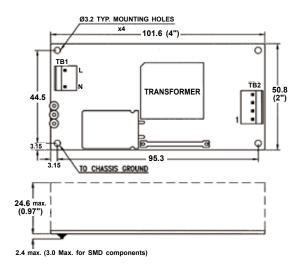
- Design for BF application
- High mechanical torque start-up
- -20°C to +70°C operating temperature
- 3,000m operation altitude
- Convection cooling for rated load
- Cost effective

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: $2.5\% / ^{\circ}\text{C} > 50^{\circ}\text{C}$ |
| 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, 3 rd edition |
| | CB report, CE mark, RM report/file |

Mechanical Specifications:



Notes:

- Size: 2" x 4" x 0.97"
- Mounting Hole: 44.5 x 95.3 (mm)
- Connectors:

AC input: Molex 5277-02A or equivalent DC output: Molex 5273-04A or equivalen

Output Pin assignment:

| 1 | 2 | 3 | 4 |
|----|----|-----|-----|
| Vo | Vo | GND | GND |

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)

-Hui-

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



Rated **60W Peak SNP-H06x-M Series**

Output Specifications:

| PRODUCT | OUTPUT | LOAD | | VOLTAGE | RIPPLE | LINE | LOAD | | |
|-------------|--------|------|-------|---------|--------|---------------|---------|------|------|
| NO. | RAIL | MIN. | RATED | MAX. | PEAK | ACCURACY | NOISE | REG. | REG. |
| 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:

Output Load:

60W for convection cooling; 72W for forced air cooling.

Peak Load Duration:

Peak load can last for 5 sec.

3. Isolation Grade:

Primary ←→ Ground : 1MOPP (1500Vac) Primary \longleftrightarrow 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.

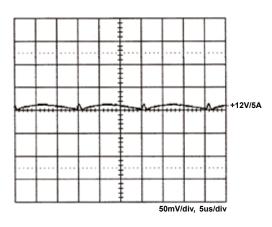
6. Model Selection:

SNP-HF6x-M is for medical application.

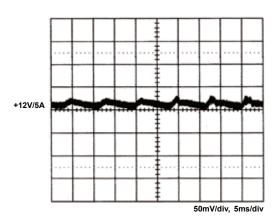
Rated 60W Peak 84W SNP-H06x-M Series

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

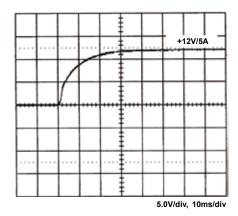
1. Switching frequency ripple



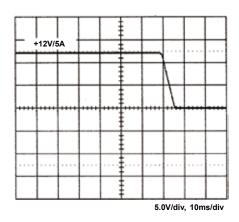
2. Line frequency ripple



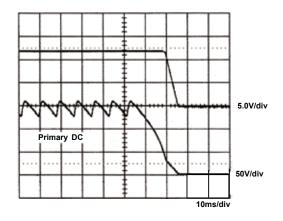
3. Output turn on wave form



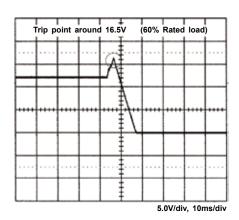
4. Output turn off wave form



5. Hold-up time



6. Over voltage protection

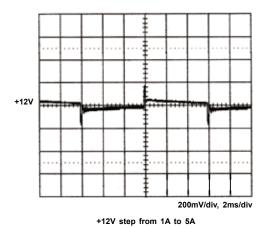


-Hui-

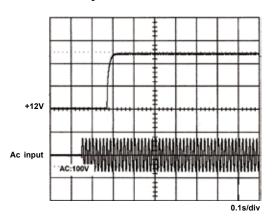


Rated 60W Peak 84W SNP-H06x-M Series

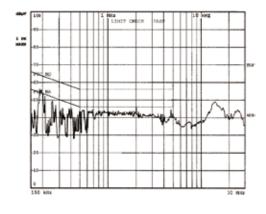
7. +12V step response



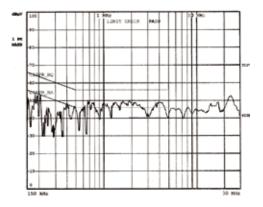
8. Start up time



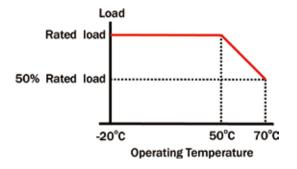
9. FCC B



10. CISPR 22 B



11. Power Derating Curve



-Hui-

4-4