Switching Adapter

Rated 60W
Peak 72W
SNP-A06 Series



65 x 135 x 40 (mm)

Features:

- IEC320 C8 Input Socket
- With ITE & Medical safety
- Compatible to Class II safety & EMC
- No load input power < 1W

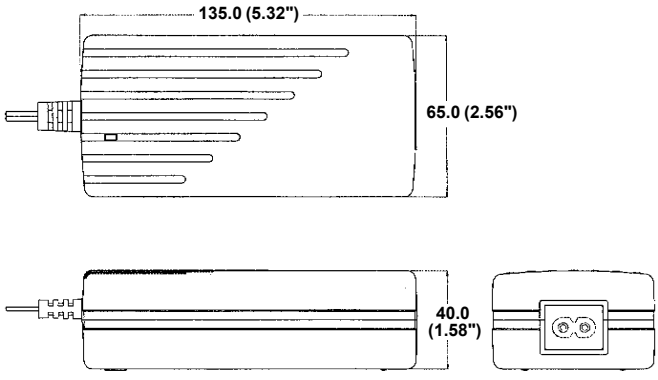
Applications:

- For industrial device.
- For peak power required system.

General Specifications:

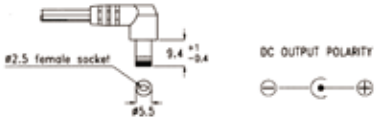
Input voltage ..... 90 VAC to 264 VAC
Input frequency ..... 47 Hz to 63 Hz
Inrush current (cold start at 25°C) ..... < 80A at 230VAC
Meet green mode ..... < 1W (at no load)
Efficiency ..... 80%~87% depends on models
Holdup time..... > 10 ms
at rated load and 115VAC
Over voltage protection ..... latch off
Short circuit protection..... auto recovery
Over load protection ..... auto recovery
Operating temperature ..... 0°C to 40°C
Cooling ..... free air convection
Storage temperature ..... -20°C to +85°C
EMI ..... FCC class "B"
CISPR22 level "B"
Harmonics ..... EN61000-3-2 class A
EMS ..... EN61000-4-2, -3, -4, -5,-6,-11
Safety ..... UL 60601-1, UL 60950-1(cUL)
TUV EN60950-1
EN60601-1

Mechanical Specifications:



Notes:

1. Size:
   65 x 135 x 40 (mm)
2. Connectors
   AC input : IEC 320 C8
   DC output : DC power jack



3. Box Color : Black
4. Packing
   Net weight: 460 g approx. / unit
   Gross weight: 15.5 kg approx. / carton, 24 units / carton
   Carton size (mm): 516 (L) x 398 (W) x 283 (H)

-Jim-

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

Output Specifications:

MODEL NO.	OUTPUT RAIL	LOAD				VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.	EFFICIENCY TYPICAL
		MIN.	RATED	MAX.	PEAK					
SNP-A067	+12V	0A	4.2A		5A	+11.40V~+12.60V	0.5%	±1%	±3%	80%
SNP-A068	+15V	0A	3.6A		4.6A	+14.25V~+15.75V	0.5%	±1%	±3%	83%
SNP-A069	+24V	0A	2.5A		3A	+22.80V~+25.20V	0.5%	±1%	±3%	84%
SNP-A06T	+48V	0A	1.25A		1.5A	+45.60V~+50.40V	0.5%	±1%	±3%	87%

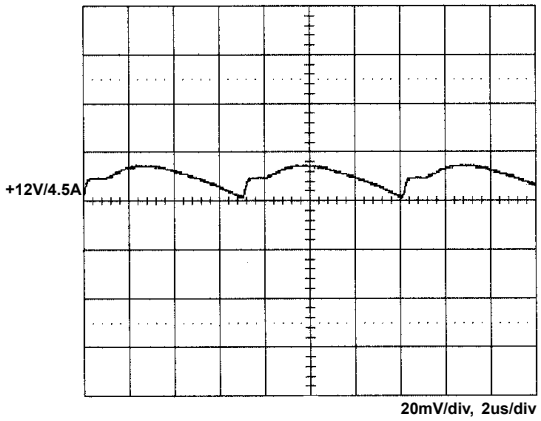
Note:

1. All the measurements are taken at rated load and nominal line unless specified.
2. The output voltage is set in production line within the voltage accuracy range at 60% rated load and nominal line.
3. Ripple and noise is measured by oscilloscope with 20MHz bandwidth limited and terminated the load with 0.47uF capacitor.
4. Line regulation is defined by changing ±10% of input voltage from nominal line at reated load.
5. Load regulation is defined by changing ±40% of load from 60% rated load at nominal line.
6. Hold up time is measured from the end of the last charging pulse to the time when the output drop down to regulation limit.
7. The peak load can provide up to 10 sec. at nominal line.
8. Model Selection:
   SNP-A06x is for both of ITE application and medical application.

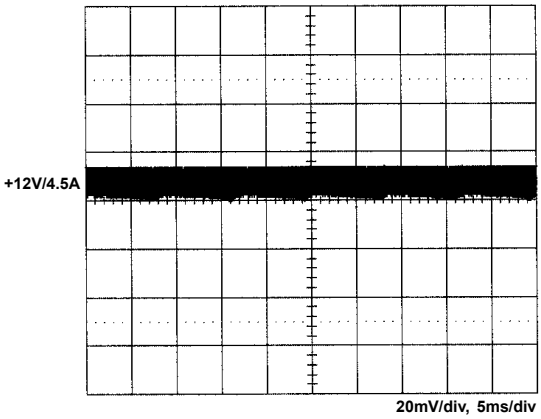
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Performance for SNP-A067:

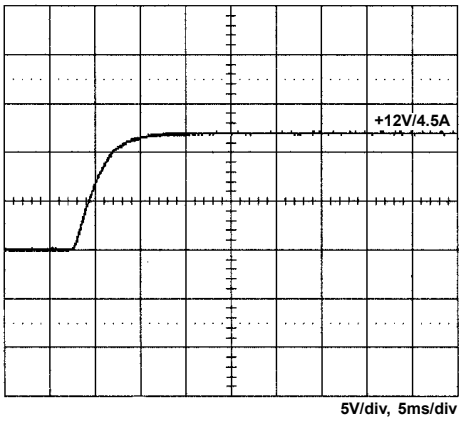
1. Switching frequency ripple



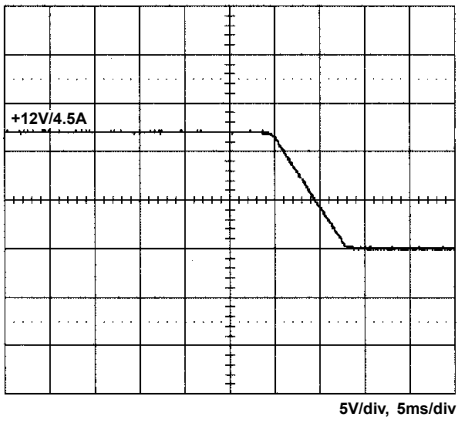
2. Line frequency ripple



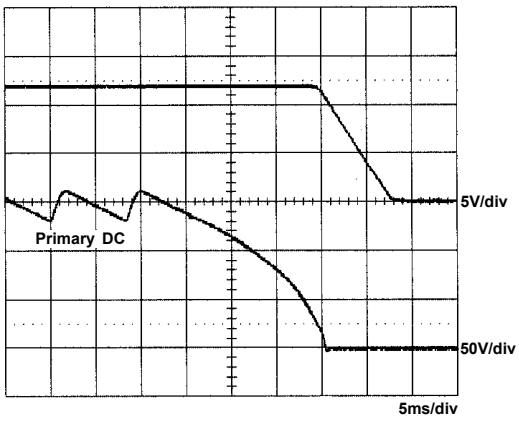
3. Output turn on wave form



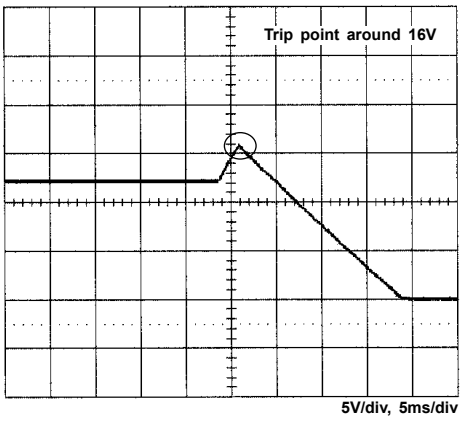
4. Output turn off wave form



5. Hold-up time

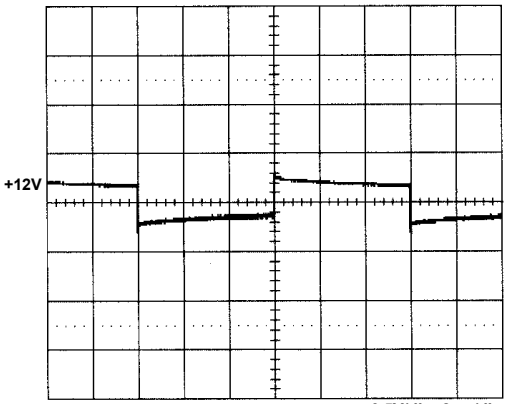


6. Over voltage protection



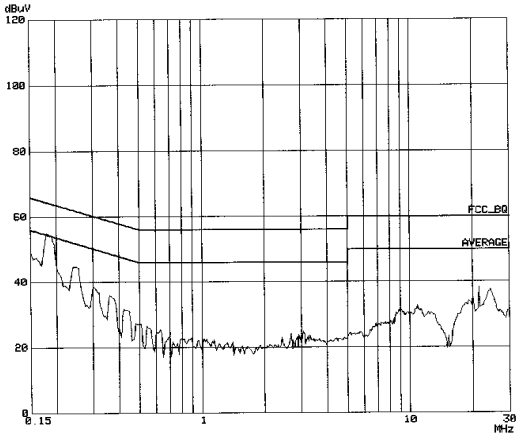
-Jim-

7. +12V step response

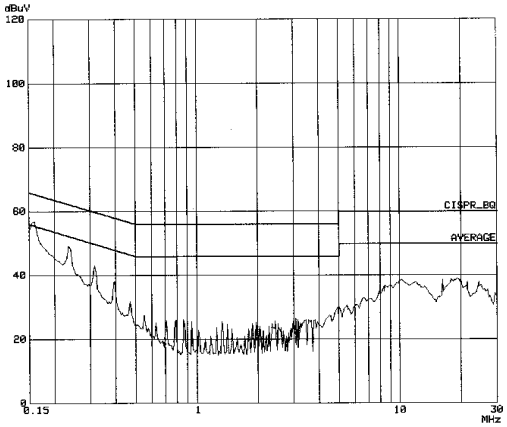


+12V step from 0.9A to 4.5A

8. FCC B



9. CISPR 22 B



-Jim-