



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

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

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

Technical drawings of the 1000 Series LED strip light showing top and side views with dimensions.

Top View: The top view shows a rectangular strip light with a width of 65.0 (2.56") and a length of 135.0 (5.32"). The light is shown with multiple parallel lines representing the LED segments. A connector is visible on the left side.

Side View: The side view shows the profile of the strip light, which is 40.0 (1.58") high. It features a connector on the left side and a mounting bracket on the right side.

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)

Output Specifications:

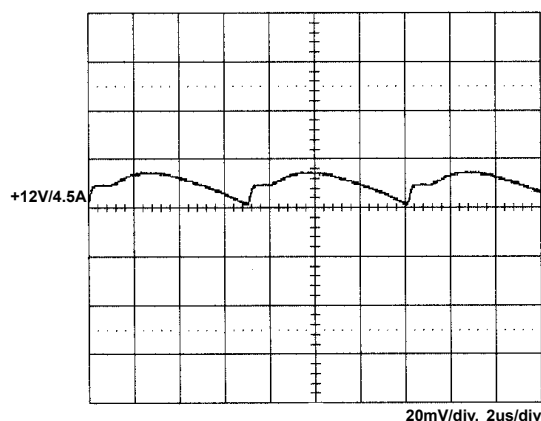
MODEL NO.	OUTPUT RAIL	LOAD				VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.	EFFICIENCY TYPICAL
		MIN.	RATED	MAX.	PEAK					
SNP-A067	+12V	0A	4.2A		5A	+11.40V~+12.60V	0.5%	±1%	±3%	80%
SNP-A068	+15V	0A	3.6A		4.6A	+14.25V~+15.75V	0.5%	±1%	±3%	83%
SNP-A069	+24V	0A	2.5A		3A	+22.80V~+25.20V	0.5%	±1%	±3%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

Note:

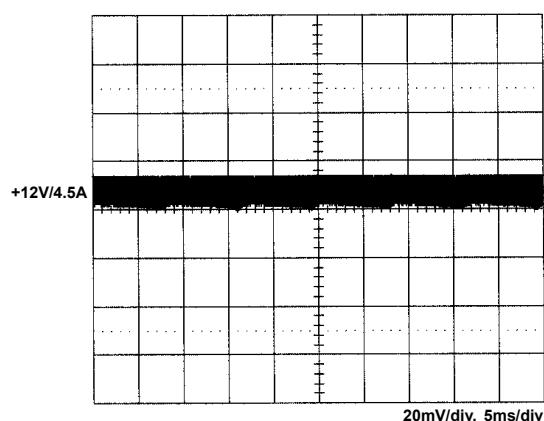
1. All the measurements are taken at rated load and nominal line unless specified.
2. The output voltage is set in production line within the voltage accuracy range at 60% rated load and nominal line.
3. Ripple and noise is measured by oscilloscope with 20MHz bandwidth limited and terminated the load 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.

Performance for SNP-A067:

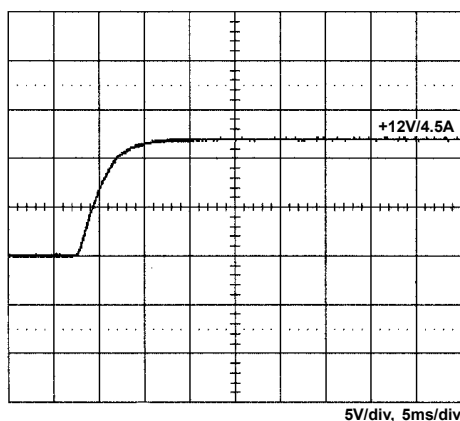
1. Switching frequency ripple



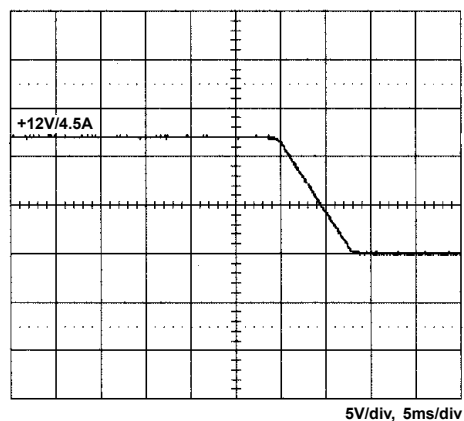
2. Line frequency ripple



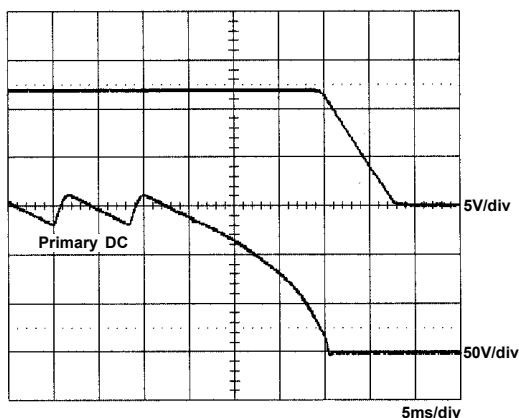
3. Output turn on wave form



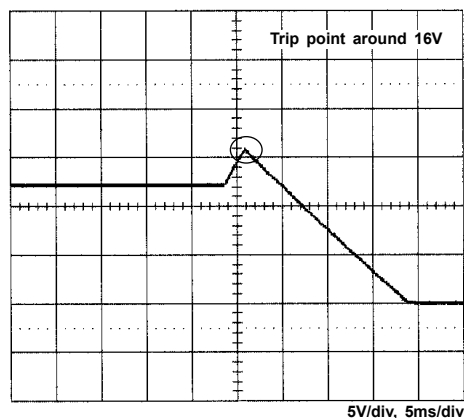
4. Output turn off wave form



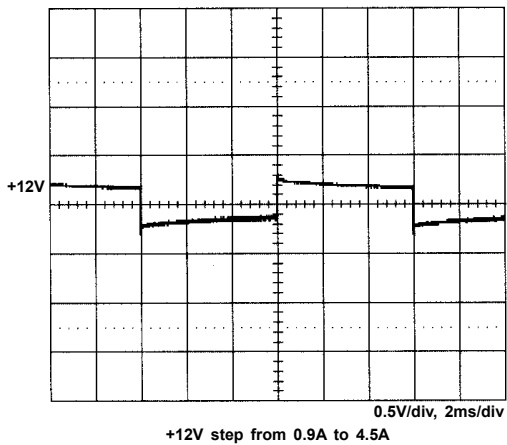
5. Hold-up time



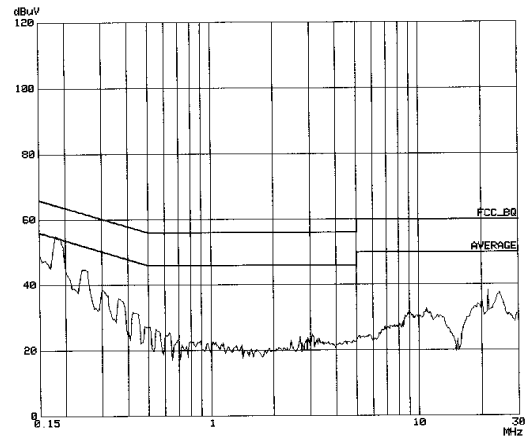
6. Over voltage protection



7. +12V step response



8. FCC B



9. CISPR 22 B

