



Features:

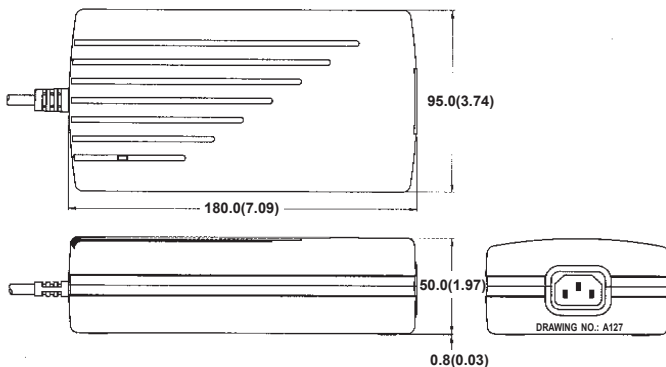
- External Desktop Adaptor
- With ITE & Medical (-M) safety
- Built-in active PFC
- Efficiency between 84% to 87%
- Compatible to Class I safety & EMC

General Specifications:

Input voltage 90 VAC to 264 VAC
 Input frequency 47 Hz to 63 Hz
 Inrush current less than 60A at 230VAC
 cold start, 25°C
 Efficiency 84%~87% depends on models
 Holdup time > 16 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 D
 EMS EN61000-4-2, -3, -4, -5,-6,-11
 Safety UL 60950, (UL 60601-1)
 CSA C22.2 No. 60950, (CSA 601-1, CUL)
 TUV EN60950-1, (EN60601-1)

Mechanical Specifications:



Notes:

1. Dimensions shown in mm (inch) as left. Tolerance: ± 1 mm (Excluding cables).
2. Size:
95.0 X 180.0 X 50.0 (mm)
3. Packing
Net weight: 920 g approx. / unit
Gross weight: 16 kg approx. / carton, 14 units / carton
Carton size (mm): 531 (L) x 316 (W) x 337 (H)
4. Connectors:
AC input : IEC 320 Inlet
DC output : Molex 5557-06 or equivalent
5. Box Color : Black

Output Specifications:

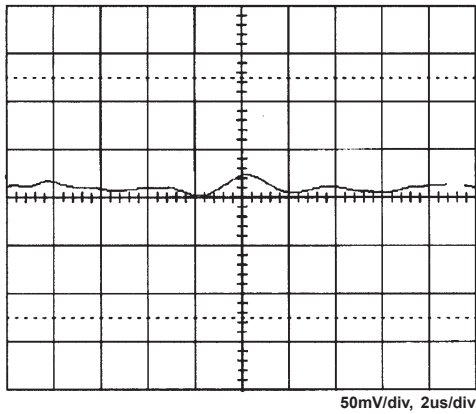
MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	PEAK				
SNP-A127	+12V	0A	9A	15A	+11.40V~+12.60V	100mVpp	±1%	±3%
SNP-A128	+15V	0A	7.5A	10A	+14.25V~+15.75V	100mVpp	±1%	±3%
SNP-A125	+18V	0A	6.5A	9A	+17.1V~+18.9V	100mVpp	±1%	±3%
SNP-A129	+24V	0A	5A	7A	+22.80V~+25.20V	100mVpp	±1%	±3%
SNP-A12T	+48V	0A	2.5A	4A	+45.60V~+50.40V	100mVpp	±1%	±3%

Note:

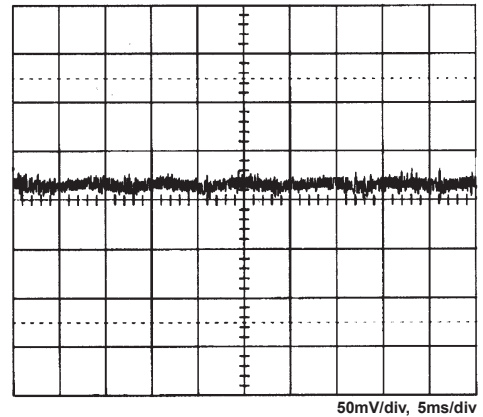
1. Output can provide up to peak load when the power supply starts up. Continuous staying in more than rated load is not allowed.
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
4. Load regulation is defined by changing ±40% of measured output load from 60% rated load.
5. Ripple & noise is measured by using 15MHz bandwidth limited oscilloscope and terminated each output with a 0.47uF capacitor at rated load and nominal line.
6. Hold up time is measured from the end of the last charging pulse to the time which the main output drops down to low limit of main output at rated load and nominal line.
7. Efficiency is measured at rated load, and nominal line.

Performance for SNP-A127:

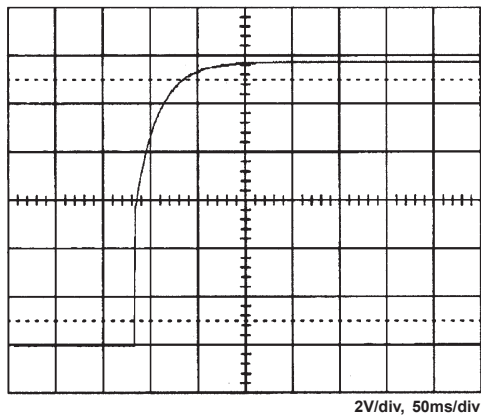
1. Switching frequency ripple



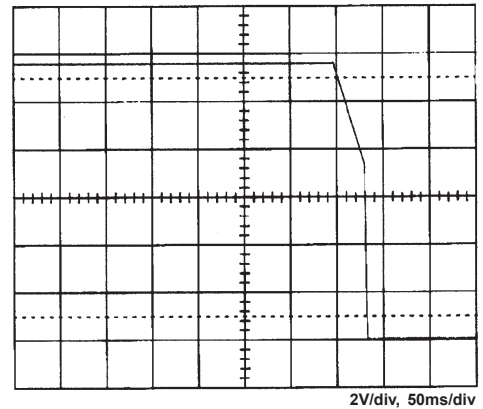
2. Line frequency ripple



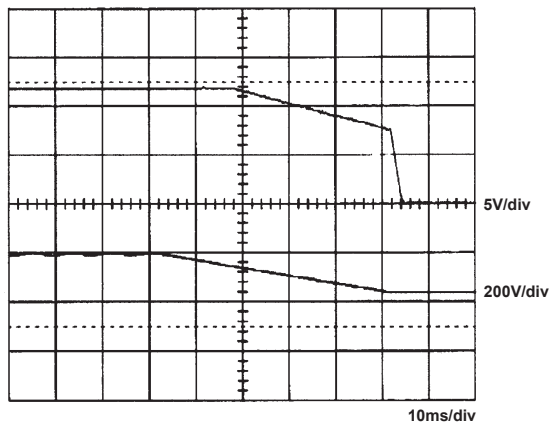
3. Output turn on wave form



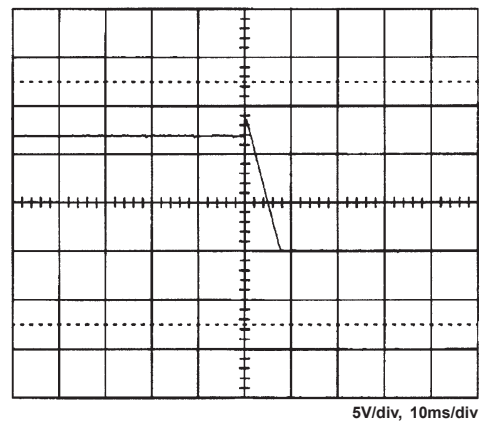
4. Output turn off wave form



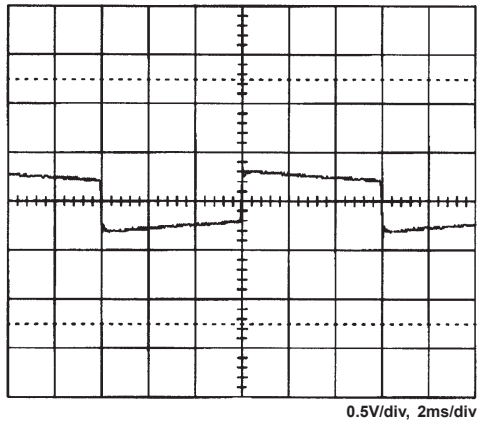
5. Hold-up time



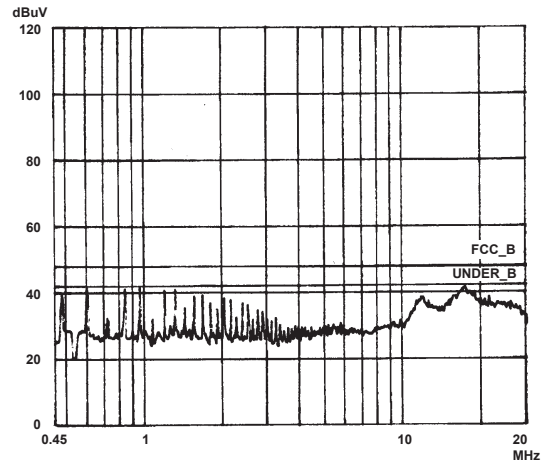
6. Over voltage protection



7. +12V step response



8. FCC B



9. CISPR 22 B

