



Features:

- Wall Mount Adaptor
- Interchangeable plug
- Meet Medical safety
- No load input power < 0.1W
- Energy Star V2.0 level V

Applications:

- For patient contact medical device.
- For USB charger device.

Eco Design:

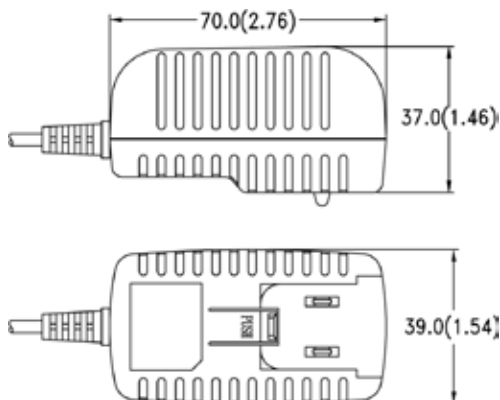
- No load input power < 75mW
- Standby mode (Pin < 0.5W) available output : 0.2W

General Specifications:

Input voltage	90 VAC to 264 VAC
Input frequency	47 Hz to 63 Hz
Inrush current	< 30A at 115VAC or < 60A at 230VAC
Efficiency	> 73.4%
Hold up time	> 16ms at rated load and 115VAC
No-load input power	< 0.1W at 230VAC input
Energy saving	energy star version 2.0 level V

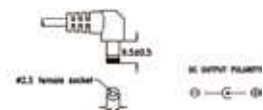
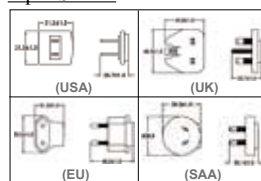
Over voltage protection	latch off
Over load protection	auto recovery
Short circuit protection.....	auto recovery
Operating temperature	-20°C to 40°C
Cooling	free air convection
Storage temperature	-20°C to +85°C
EMI	FCC class "B" CISPR22 level "B"
EMS.....	EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety	IEC 60601-1, ES 60601-1

Mechanical Specifications:



Notes:

1. Dimensions shown in mm as left. Tolerance: ±0.4mm.
2. Size:
39 x 70 x 37 (mm)
1.54" x 2.76" x 1.46"
3. Packing:
Net weight: TBD g approx. / unit
Gross weight: TBD kg approx. / carton, TBD units / carton
Carton size (mm): TBD (L) x TBD (W) x TBD (H)
4. Connectors:
AC input: Meet IEC 320 standard (without Ground)
DC output: 2.5 DIA. socket type DC power right angle plug
Input Socket **DC Output Pin assignment**



6. Output cable length: 120 cm
7. Box color : Black

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

Output Specifications:

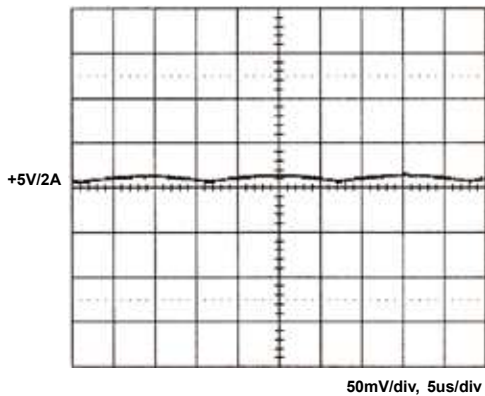
MODEL NO.	OUTPUT RAIL	LOAD				VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	MAX.	PEAK				
SNP-W016-M	+5V	0A	2A			+4.75V~+5.25V	50mVpp	±0.5%	±3%
SNP-W017-M	+12V	0A	1A			+11.4V~+12.6V	120mVpp	±0.5%	±3%

Note:

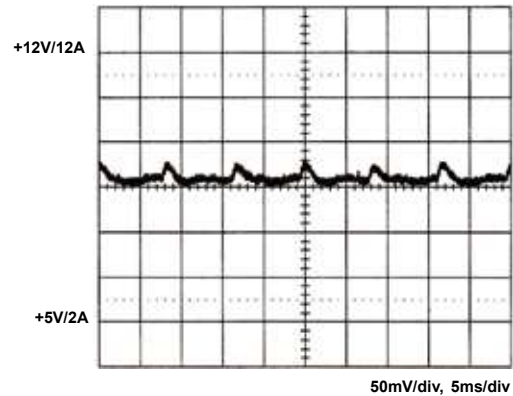
1. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
2. Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
3. Load regulation is defined by changing ±40% of measured output load from 60% rated load.
4. Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.47uF + 10uF capacitor at rated load and nominal line.
5. 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.
6. Efficiency is measured at rated load, and nominal line.

Performance for SNP-W016-M:

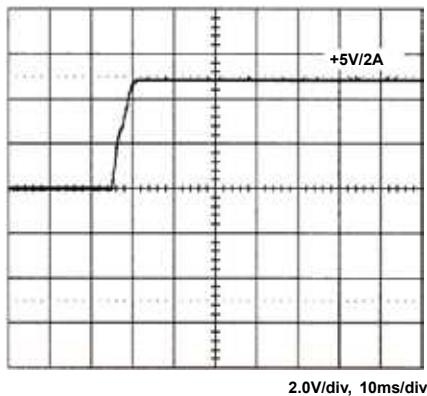
1. Switching frequency ripple



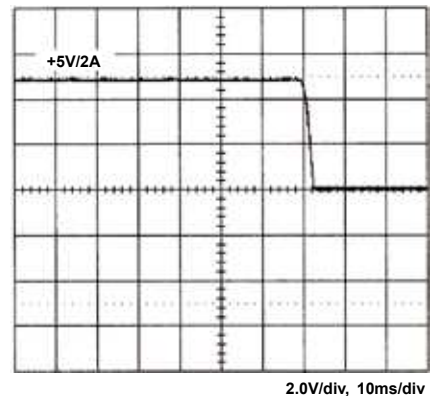
2. Line frequency ripple



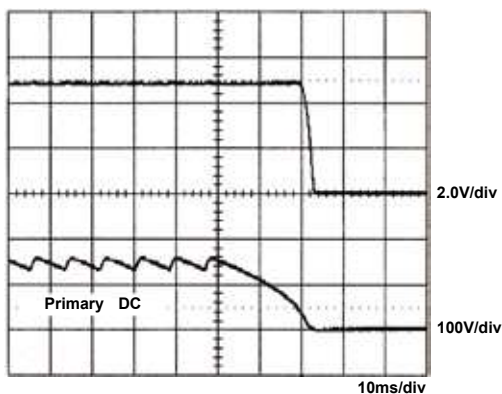
3. Output turn on wave form



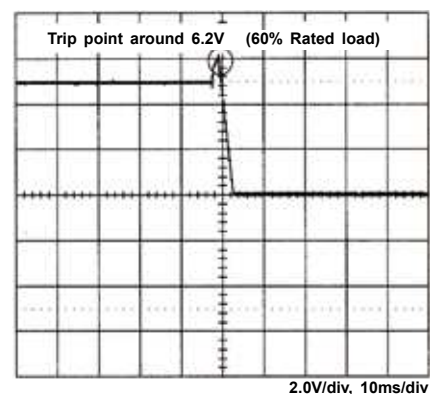
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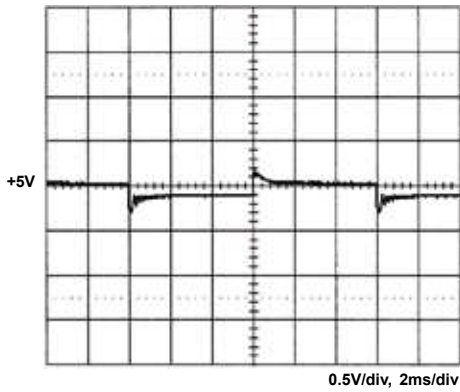
5. Hold-up time



6. Over voltage protection

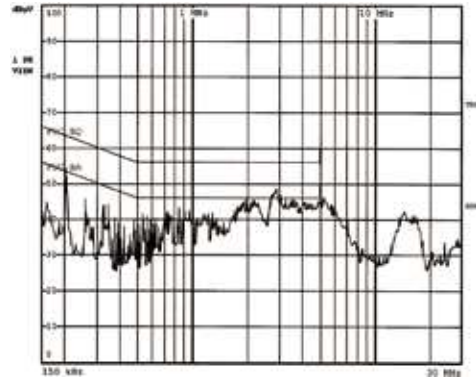


7. +5V step response



+5V step from 0.4A to 2A

8. FCC B



9. EN55011 B

