

2014 Q2



Features:

- External Desktop Adaptor
- Meet Medical safety
- Built-in active PFC
- No load input power < 0.5W
- Energy Star V2.0 level V

Applications:

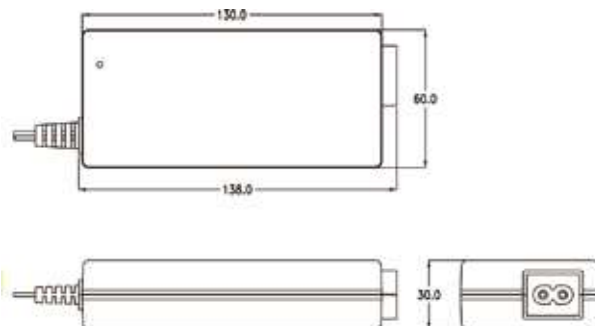
- For patient contact medical device such as Breath Machine.
- For power saving required system such as LCD Monitor.

General Specifications:

Input voltage	90 VAC to 264 VAC
Input frequency	47 Hz to 63 Hz
Inrush current	< 40A at 115VAC or < 80A at 230VAC
Efficiency	87%~88% depends on the models
Hold up time	> 22ms at rated load and 115VAC
No-load input power	< 0.5W 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
DC OK indicator	green LED
Operating temperature	-20°C to 60°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,-8,-11
Safety	IEC 60601-1, EN 60601-1

Mechanical Specifications:



Notes:

1. Dimensions shown in mm as left. Tolerance: ± 0.4 mm.
2. Size:
60 x 130 x 30 (mm)
2.36" x 5.12" x 1.18"
3. Packing:
Net weight: 445 g approx. / unit
Gross weight: 16 kg approx. / carton, 30 units / carton
Carton size (mm): 512 (L) x 399 (W) x 241 (H)
4. Connectors:
AC input :
IEC 320 C8: SNP-A09x-M (* X: 7/5/9)
DC output : Power Jack
5. Output cable length: 120 cm
6. DC OK LED: Green light on top of box
7. Box color : Black

Output Specifications:

MODEL NO.	OUTPUT RAIL	LOAD				VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	MAX.	PEAK				
SNP-A097-M	+12V	0A	6.7A		9.8A	+11.40V~+12.60V	120mVpp	±1%	±3%
SNP-A095-M	+18V	0A	5A		7.4A	+17.10V~+18.90V	180mVpp	±1%	±3%
SNP-A099-M	+24V	0A	3.75A		5.5A	+22.80V~+25.20V	200mVpp	1%	±3%

Note:

1. At peak load, the output can last for 10 seconds without shut down.
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 20MHz bandwidth limited oscilloscope and terminated each output with a 0.47uF + 10uF 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.