



52 x 96 x 32.5 (mm)

General Specifications:

Input voltage	85 VAC to 264 VAC
Input frequency	47 Hz to 63 Hz
Inrush current (cold start at 25	5°C)< 60A at 230VAC
Meet green mode	<0.3W (at no load)
Energy saving	CEC efficiency level IV
Efficiency	71%~82% depends on models
Holdup time	16 ms typical
	at rated load and 115VAC
Over voltage protection	latch off
Short circuit protection	auto recovery

Features:

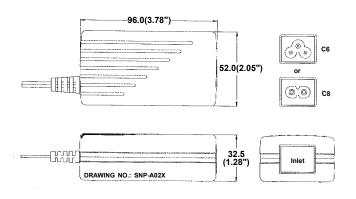
- IEC320 C6 or C8 Input Socket
- Meet Medical safety
- Compatible to Class I / II safety & EMC
- No load input power < 0.3W
- Energy Saving CEC level IV compliant

Applications:

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

Over load protection	auto recovery
Operating temperatur	re20°C to 60°C
	above 40°C, derate at 2.5% per degree
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,-11
Safety	UL 60601-1
	CSA22.2 No. 60601.1 EN60601-1

Mechanical Specifications:



Notes:

Size:

52 x 96 x 32.5 (mm)

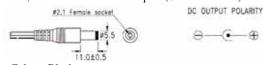
Connectors:

AC input: IEC 320 C8: SNP-A02x-M

C6: SNP-A02x-M3 (* x: 6/7/8/9)

DC output:

Power Jack, OD=5.5mm, ID=2.1mm (SNP-A02x-M); T TYPE, 1.98mm Dia. x 3 socket pins (SNP-A02x-M3)



Box Color: Black

Packing:

Net weight: 170 g approx. / unit Gross weight: 17.5 kg approx. / carton, 90 units / carton Carton size (mm): 535 (L) x 489 (W) x 314 (H)

-Jim-

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



Rated 20W SNP-A02x-M Series

Output Specifications:

MODEL	OUTPUT	LOAD				VOLTAGE	RIPPLE	LINE	LOAD	EFFICIENCY
NO.	RAIL	MIN.	RATED	MAX.	PEAK	ACCURACY	NOISE	REG.	REG.	TYPICAL
SNP-A026-M SNP-A026-M3	+5V	0A	2.2A		3.8A	+4.75V~+5.25V	50mVpp	±1%	±4%	71%
SNP-A027-M SNP-A027-M3	+12V	0A	1.3A		2A	+11.40V~+12.60V	80mVpp	±1%	±2%	78%
SNP-A028-M SNP-A028-M3	+15V	0A	1A		1.6A	+14.25V~+15.75V	80mVpp	±1%	±1%	82%
SNP-A029-M SNP-A029-M3	+24V	0A	0.7A		1A	+22.80V~+25.20V	80mVpp	±1%	±1%	82%

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 $\pm 40\%$ 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.
- 8. Model Selection:

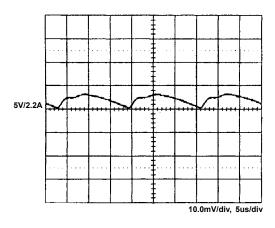
SNP-A02x-M is for Class II, Medical application.

SNP-A02x-M3 is for Class I, Medical application.

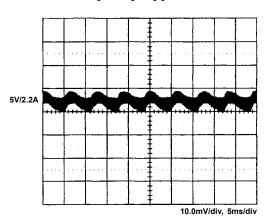


Performance for SNP-A026-M:

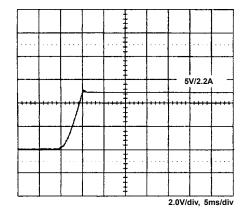
1. Switching frequency ripple



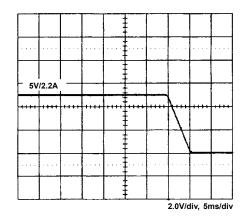
2. Line frequency ripple



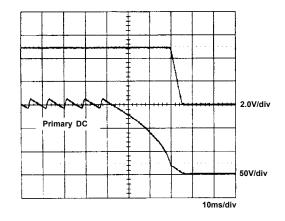
3. Output turn on wave form



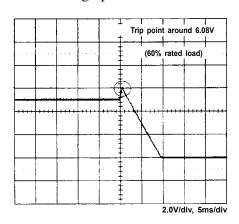
4. Output turn off wave form



5. Hold-up time



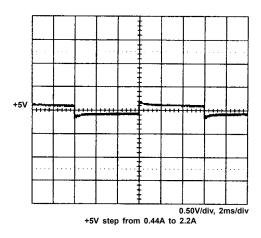
6. Over voltage protection



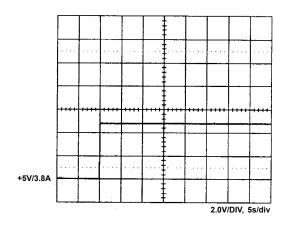
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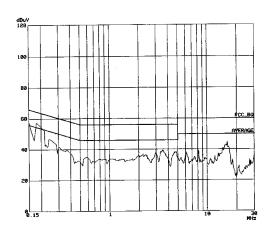
7. +5V step response



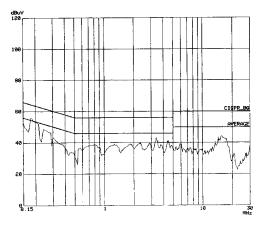
8. Peak Load



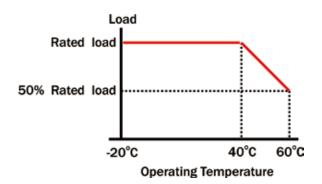
9. FCC B



10. EN55022 B



11. Power derating curve



-Jim-