

Switching Adapter



58 x 120 x 42 (mm)

General Specifications:

Input voltage	
Input frequency	
Inrush current (cold start at 25°	°C)< 60A at 230VAC
Meet green mode	< 0.5W (at no load)
Efficiency	75%~85% depends on models
Holdup time	
	at rated load and 115VAC
Over voltage protection	latch off
Short circuit protection	auto recovery

Features:

- IEC320 C6 or C8 Input Socket
- With ITE safety
- Compatible to Class I / II safety & EMC
- No load input power < 0.5W

Applications:

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

Over load protection .	auto recovery
Operating temperature	e20°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 60950-1
	CSA C22.2 No. 60950-1(cUL)
	TUV EN60950-1, IEC60950-1:2001

Mechanical Specifications:





-Jim-

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



Output Specifications:

MODEL	OUTPUT	LOAD				VOLTAGE	RIPPLE	LINE	LOAD
NO.	RAIL	MIN.	RATED	MAX.	PEAK	ACCURACY	NOISE	REG.	REG.
SNP-A046 SNP-A046-3	+5V	0A	6A		9A	+4.75V~+4.25V	50mVpp	±1%	±5%
SNP-A04C SNP-A04C-3	+9V	0A	4.5A		6.7A	+8.55V~+9.45V	150mVpp	±1%	±5%
SNP-A047 SNP-A047-3	+12V	0A	3.7A		5.6A	+11.40V~+12.60V	100mVpp	±1%	±3%
SNP-A048 SNP-A048-3	+15V	0A	3A		4.5A	+14.25V~+15.75V	100mVpp	±1%	±2%
SNP-A049 SNP-A049-3	+24V	0A	1.9A		2.9A	+22.80V~+25.20V	200mVpp	±1%	±1%
SNP-A04T SNP-A04T-3	+48V	0A	1A		1.5A	+45.60V~+50.40V	400mVpp	±1%	±1%

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 $\pm 10\%$ 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 0.47uFcapacitor 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.
- Model Selection: SNP-A04x is for Class II, ITE application.



Performance for SNP-A047:

1. Switching frequency ripple



3. Output turn on wave form



5. Hold-up time



2. Line frequency ripple



4. Output turn off wave form



6. Over voltage protection



-Jim-



Rated 40W SNP-A04 Series

7. +12V step response



9. EN 55022 B



8. FCC B



10. Power derating curve

