

# **Switching Adapter**



65 x 135 x 40 (mm)

## **General Specifications:**

Input voltage	
Input frequency	47 Hz to 63 Hz
Inrush current (cold start at 2	5°C)< 80A at 230VAC
Meet green mode	< 1W (at no load)
Efficiency	. 80%~87% depends on models
Holdup time	> 10 ms
	at rated load and 115VAC
Over voltage protection	latch off
Short circuit protection	auto recovery

### **Features:**

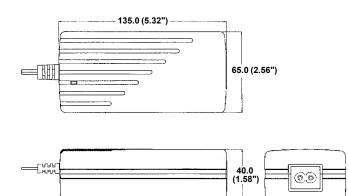
- IEC320 C8 Input Socket
- With ITE & Medical safety
- Compatible to Class II safety & EMC
- No load input power < 1W

### **Applications:**

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

Over load protection	auto recovery
Operating temperature	
Cooling	free air convection
Storage temperature	20°C to +85°C
EMI	FCC class "B"
	CISPR22 level "B"
Harmonics	EN61000-3-2 class A
EMS	EN61000-4-2, -3, -4, -5,-6,-11
Safety	. UL 60601-1, UL 60950-1(cUL)
	TUV EN60950-1
	EN60601-1

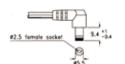
### **Mechanical Specifications:**



### Notes:

1. Size: 65 x 135 x 40 (mm)

2. Connectors AC input : IEC 320 C8 DC output : DC power jack



oc output polarity ⊖----⊕

Box Color: Black
Packing

Packing Net weight: 460 g approx. / unit Gross weight: 15.5 kg approx. / carton, 24 units / carton Carton size (mm): 516 (L) x 398 (W) x 283 (H)

#### -Jim-

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



### **Output Specifications:**

MODEL	OUTPUT	LOAD				VOLTAGE	RIPPLE	LINE	LOAD	EFFICIENCY
NO.	RAIL	MIN.	RATED	MAX.	PEAK	ACCURACY	NOISE	REG.	REG.	TYPICAL
SNP-A067	+12V	0A	4.2A		5A	+11.40V~+12.60V	0.5%	±1%	±3%	80%
SNP-A068	+15V	0A	3.6A		4.6A	+14.25V~+15.75V	0.5%	±1%	±3%	83%
SNP-A069	+24V	0A	2.5A		3A	+22.80V~+25.20V	0.5%	±1%	±3%	84%
SNP-A06T	+48V	0A	1.25A		1.5A	+45.60V~+50.40V	0.5%	±1%	±3%	87%

### Note:

- 1. All the measurements are taken at rated load and nominal line unless specified.
- 2. The output voltage is set in production line within the voltage accuracy range at 60% rated load and nominal line.
- 3. Ripple and noise is measured by oscilloscope with 20MHz bandwidth limited and terminated the load with 0.47uF capacitor.
- 4. Line regulation is defined by changing  $\pm 10\%$  of input voltage from nominal line at reated load.
- 5. Load regulation is defined by changing  $\pm 40\%$  of load from 60% rated load at nominal line.
- 6. Hold up time is measured from the end of the last charging pulse to the time when the output drop down to regulation limit.
- 7. The peak load can provide up to 10 sec. at nominal line.
- 8. Model Selection:

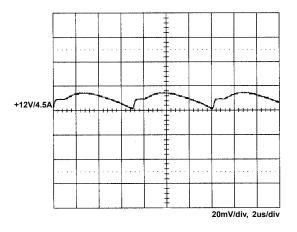
SNP-A06x is for both of ITE application and medical application.

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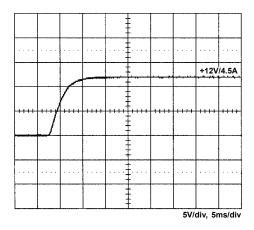


## **Performance for SNP-A067:**

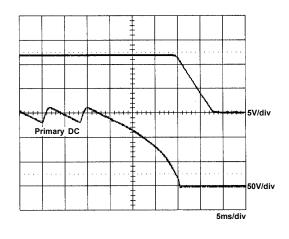
1. Switching frequency ripple



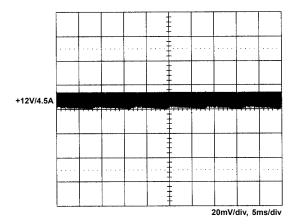
3. Output turn on wave form



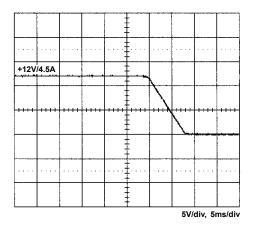
5. Hold-up time



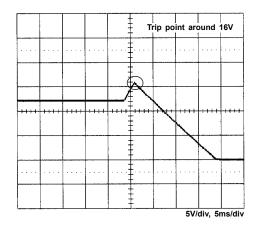
2. Line frequency ripple



4. Output turn off wave form



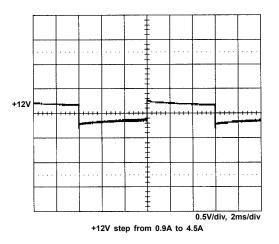
6. Over voltage protection



-Jim-



### 7. +12V step response



9. CISPR 22 B

