



Features

- IEC320 C6 or C8 Input Socket
- Energy Saving CEC level IV Compliant
- Class I/II models available

Model Selection



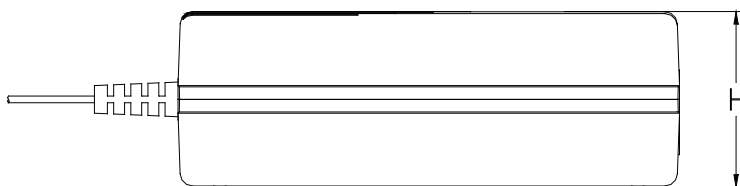
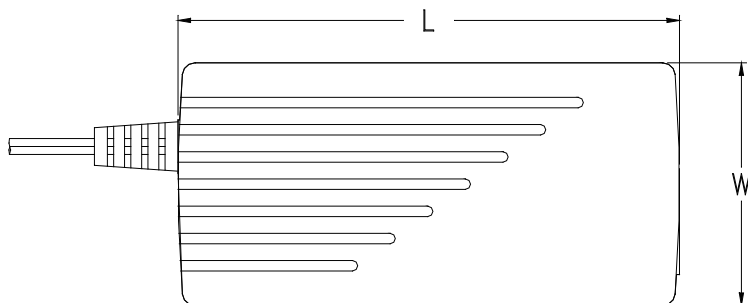
Model No. (Input C8 type)*	Output Rail	Load			Initial Accuracy*	Ripple & Noise*	Load Regulation	Efficiency
		Min	Rated	Peak*				
SNP-A026-M	+5V	0A	2.2A	3.8A	+4.90V~+5.10V	50mV	±4%	70%
SNP-A027-M	+12V	0A	1.3A	2.0A	+11.9V~+12.2V	80mV	±2%	78%
SNP-A028-M	+15V	0A	1.0A	1.6A	+14.9V~+15.2V	80mV	±1%	82%
SNP-A029-M	+24V	0A	0.7A	1.0A	+23.9V~+24.2V	80mV	±1%	82%
SNP-A037-M	+12V	0A	2.5A	4.0A	+11.9V~+12.1V	100mV	±2%	82%
SNP-A038-M	+15V	0A	2.0A	3.0A	+14.8V~+15.2V	100mV	±2%	83%
SNP-A039-M	+24V	0A	1.3A	1.8A	+23.9V~+25.1V	100mV	±2%	86%
SNP-A047-M	+12V	0A	3.5A	5.6A	+11.9V~+12.3V	100mV	±2%	83%
SNP-A048-M	+15V	0A	2.8A	4.5A	+14.80V~+15.15V	100mV	±2%	85%
SNP-A049-M	+24V	0A	1.9A	2.9A	+23.76V~+24.24V	200mV	±1%	86%

General Specifications

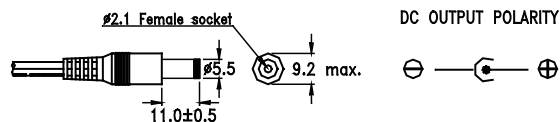
– Input & Output –		– EMC –	
Input voltage range	85VAC to 264VAC	Emission	FCC/CISPR, level B
Label voltage	100VAC to 240VAC	Harmonic currents	EN61000-3-2, class A
Nominal line voltage	115VAC/230VAC	Voltage flicker	EN61000-3-3
Input frequency range	47Hz to 63Hz	ESD	EN61000-4-2, criterion A
Inrush current*	<30A at 115VAC, <60A at 230VAC		4kV contact, 8kV air discharge
No load input power	<0.3W (at 240VAC/50Hz)	Radiated immunity	EN61000-4-3
Line regulation	<±1%		3V/M with 80% AM, criterion A
Hold-up time	20ms typ. (SNP-A02X-M) 16ms typ. (Other models)	EFT/Burst	EN61000-4-4, 2kV, criterion A
		Surge	EN61000-4-5, 2kV L-L, criterion A
		Conducted immunity	EN61000-4-6, 3V with 80% AM, criterion A
		MS	EN61000-4-8, 3A/m, criterion A
– Protection –		Voltage dips	EN61000-4-11
Over Voltage*	Latch-off		30% dips 10ms, criterion B
Over Load/Short	Auto-recovery		60% dips 100ms, criterion C
			95% dips 5000ms, criterion C
– Environmental –			
Operating temperature	-20°C to +60°C		
Cooling	Convection cooling	– Safety –	
Power derating	Refer to Power Derating Curve	Approvals	60601-1, 2 nd edition (TUV, UL, CSA)
Storage temperature	-20°C to +85°C		CB Report, CE Mark
Relative humidity	5% to 95% RH, non-condensing		
Operating altitude	0 to 2000m	– Energy Saving –	CEC level IV Compliant

Notes

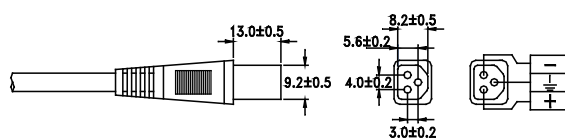
- All specifications without special notices are defined at nominal line, rated load and 25°C.
- To order models with 3 pins IEC320 C6 type input socket, please add suffix "-3", e.g. SNP-A047-M3.
- Initial accuracy is set at 60% rated load and 115VAC input.
- Peak load can last 15 seconds with 10% duty cycle and average power < rated load.
- Ripple & Noise is defined with 15MHz BWL oscilloscope and 1X probe with 0.47uF output capacitor.
- Inrush current is defined at 25°C cold start and EMI capacitors are excluded.
- Over voltage protection mode is defined at 60% rated load.
- All specifications subject to change without notice.
- This datasheet is only for model selection. Please contact sales@skynetpower.com.tw for formal specification.



Output Connector (For C8 Input type)



Output Connector (For C6 Input type)



SNP-A02x-M(3)

Dimensions

- WxLxH : 2.05" x 3.78" x 1.32"
52 x 96 x 33.5 (mm)

Packing

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

SNP-A03x-M(3)

Dimensions

- WxLxH : 2.13" x 4.33" x 1.32"
54 x 110 x 33.5 (mm)

Packing

- Net weight : 220g approx./unit
- Carton size (mm) : 512(L) x 354(W) x 343(H)
- Quantity : 60 units / carton
- Gross weight : 15.5kg approx./carton

SNP-A04x-M(3)

Dimensions

- WxLxH : 2.29" x 4.73" x 1.66"
58 x 120 x 42 (mm)

Packing

- Net weight : 275g approx./unit
- Carton size (mm) : 549(L) x 490(W) x 241(H)
- Quantity : 48 units / carton
- Gross weight : 17kg approx./carton

Connector type

- AC Input : IEC320 C6 or C8 type
- DC Output : Refer to output connector graphs

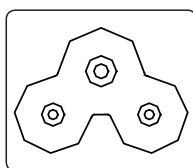
Cable length

- 5ft for SNP-A02X-M(3), and 6ft for other models.

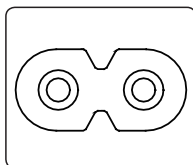
Notes

- Dimensions in graphs above are shown in mm.
- Tolerance for Box dimensions are ± 1 mm.
- Box Color is Black.
- This product is RoHS compliant.

Input Socket



C6



C8

Power Derating Curve

