

Model Selection



Model No. (ITE Models)*	Output Rail	Load			Initial Accuracy*	Ripple & Noise	Load Regulation	Efficiency
		Min	Rated	Peak*				
SNP-A127(-M)	+12V	0A	9A	15A	±1%	100mV	±3%	85%
SNP-A128(-M)	+15V	0A	7.5A	10A	±1%	100mV	±3%	85%
SNP-A125(-M)	+18V	0A	6.5A	9A	±1%	100mV	±3%	85%
SNP-A129(-M)	+24V	0A	5A	7A	±1%	100mV	±3%	85%
SNP-A12T(-M)	+48V	0A	2.5A	4A	±1%	120mV	±2%	85%

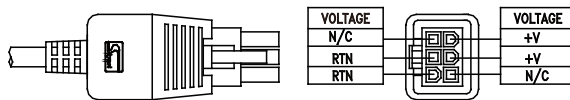
General Specifications

– Input & Output –		– EMC –	
Input voltage range	90VAC to 264VAC	Emission	FCC/CISPR, level B
Label voltage	100VAC to 240VAC	Harmonic currents	EN61000-3-2, class D
Nominal line voltage	115VAC/230VAC	ESD	EN61000-4-2, criterion A
Input frequency range	47Hz to 63Hz		4kV contact, 8kV air discharge
Inrush current*	<30A at 115VAC, <60A at 230VAC	Radiated immunity	EN61000-4-3
Line regulation	<±1%		3V/M with 80% AM, criterion A
Hold-up time	16ms typical	EFT/Burst	EN61000-4-4, 2kV, criterion A
		Surge	EN61000-4-5, 2kV, criterion A
– Protection –		Conducted immunity	EN61000-4-6, 3V with 80% AM, criterion A
Over Voltage*	Latch-off	MS	EN61000-4-8, 3A/m, criterion A
Over Load/Short	Auto-recovery	Voltage dips	EN61000-4-11
			30% dips 10ms, criterion B
– Environmental –			60% dips 100ms, criterion C
Operating temperature	0°C to +40°C (+60°C)*		95% dips 5000ms, criterion C
Cooling	Convection cooling	– Safety –	
Storage temperature	-20°C to +85°C	Approvals	60601-1, 2 nd edition (TUV, UL, CSA)
Relative humidity	10% to 95% RH, non-condensing		60950-1, CB Report, CE Mark
Operating altitude	0 to 2000m		

Notes

- All specifications without special notes are defined at nominal line, rated load and 25°C.
- To order Medical model, please add suffix "-M" in the end of the ITE model name, e.g. SNP-A127-M.
- Output derates linearly to 40% from +40°C to +60°C (only for medical models).
- Initial accuracy is set at 60% rated load and 115VAC input.
- 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.

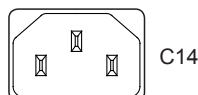
Output Connector Pin Definition



Connector type*

- IEC320 C14 Standard for AC Input
- Molex 5557-06 or equivalent for DC Output

Input Socket



Dimensions

- WxLxH : 95 x 180 x 50 (mm)

Packing

- Net weight : 920g approx./unit
- Carton size (mm) : 531(L)x316(W)x337(H)
- Quantity : 14 units / carton
- Gross weight : 16kg approx./carton

Notes

- Cable length is 1.83m approx.
- Tolerance for Box dimension are ±1mm.
- Box Color is Black.
- This product is RoHS compliant.

