

Features

- 2" x 4" footprint
- Compact Size with only 1" Height
- Medical Safety Approvals
- Cost effective
- Green Power

Model Selection



Model No.	Output	Load			Initial Accuracy*	Ripple & Noise*	Efficiency
		Min	Rated	Peak*			
SNP-GK67-M	+12V	0A	5.00A	6.50A	+11.9V~+12.1V	120mV	85%
SNP-GK68-M	+15V	0A	4.00A	5.60A	+14.9V~+15.1V	100mV	85%
SNP-GK65-M	+18V	0A	3.33A	4.67A	+17.9V~+18.1V	150mV	85%
SNP-GK69-M	+24V	0A	2.50A	3.50A	+23.9V~+24.1V	150mV	86%
SNP-GK6G-M	+28V	0A	2.14A	3.00A	+27.9V~+28.1V	150mV	87%
SNP-GK6J-M	+36V	0A	1.58A	2.21A	+35.8V~+36.2V	200mV	88%
SNP-GK6T-M	+48V	0A	1.25A	1.75A	+47.8V~+48.2V	250mV	89%
SNP-GK6H-M	+60V	0A	1.00A	1.40A	+59.6V~+60.4V	300mV	88%

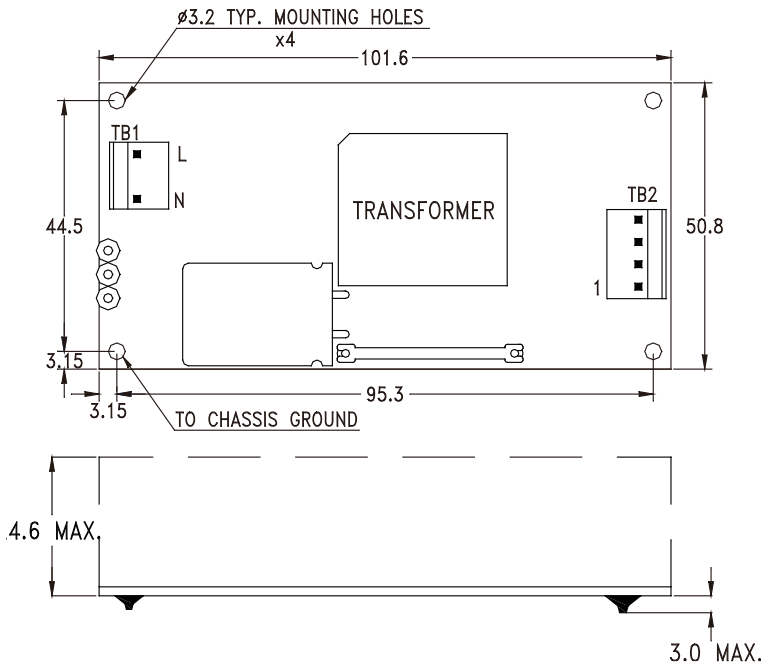
General Specifications

– 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 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		6kV contact, 8kV air discharge
No load input power	0.5W typ.	Radiated immunity	EN61000-4-3
Line/Load regulation	<±1%		10V/M with 80% AM, criterion A
Hold-up time	16ms typ.	EFT/Burst	EN61000-4-4, 2kV, criterion A
		Surge	EN61000-4-5
			1kV L-L, 2kV L-E, criterion A
– Protection –		Conducted immunity	EN61000-4-6
Over Voltage*	Latch-off		10V with 80% AM, criterion A
Over Load/Short	Auto-recovery	MS	EN61000-4-8, 10A/m, criterion A
– Environmental –		Voltage dips	EN61000-4-11
Operating temperature	-20°C to +70°C		30% dips 10ms, criterion A
Cooling	Convection cooling		60% dips 100ms, criterion C
Power derating	Refer to Power Derating Curve		95% dips 5000ms, criterion C
Storage temperature	-40°C to +85°C	– Safety –	
Relative humidity	5% to 90% RH, non-condensing	Approvals	60601-1, 3 rd edition (TUV, UL, CSA)
Operating altitude	0 to 3000m		CB Report, CE Mark, RM Report/File
MTBF*	>TBDMhr		

Notes

- All specifications without special notices 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-GK67-M.
- Initial accuracy is set at 60% rated load and 115VAC input.
- Peak load can last 3 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.
- MTBF is calculated according to MIL-HDBK-217F at rated load / nominal line input and 50°C ambient temperature.
- All specifications subject to change without notice.

Specifications are subject to change without notice. It is responsibility of each customer to thoroughly test each product and part number under their unique parameters and environments to ensure a product will work properly and reliably.



Output Pin

TB2	1	2	3	4
Pin assignment	+V		RTN	

Connector type*

- TB1 AC input : Molex 5277-02A
- TB2 DC output : Molex 5273-04A

Dimensions

- WxLxH : 2" x 4" x 0.97"
50.8 x 101.6 x 24.6 (mm)

Packing

- Net weight : 110g approx./unit
- Carton size (mm) : 420(L) x 382(W) x 277(H)
- Quantity : 100 units / carton
- Gross weight : 13.5kg approx./carton

Notes

- For all connectors, equivalent types from other vendors could be used.
- Input & output connectors can be changed to JST type. Please contact Skynet for more details.
- Dimensions in left graph are shown in mm.
- Tolerance for dimension is ± 0.4 mm.
- This product is RoHS compliant.

Power Derating Curve

