



Features

- Machinery Box type
- ITE Safety Approvals
- Power On LED indication
- Cost effective

Model Selection



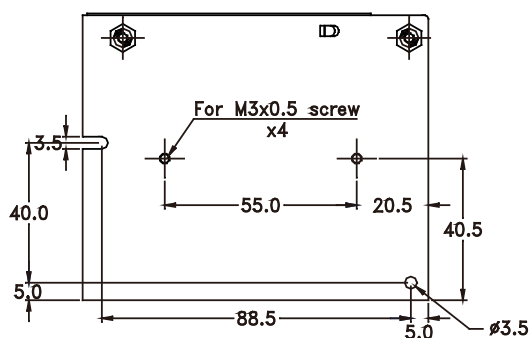
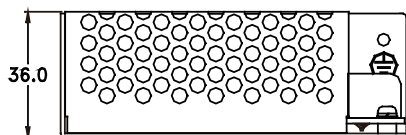
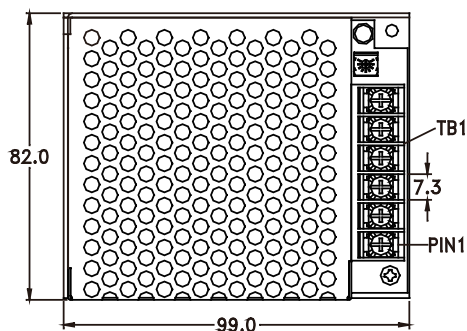
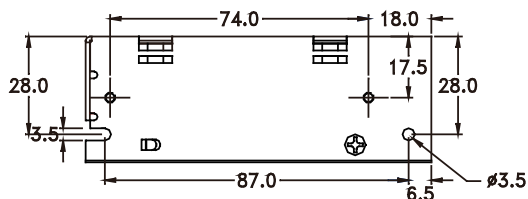
Model No.	Output Rail	Load				Initial Accuracy*	Ripple & Noise*	Load Regulation	Efficiency
		Min	Rated	Max*	Peak*				
SNP-C04B*	+3.3V	0A	9A		11A	+3.27V~+3.33V	50mV	±1%	75%
SNP-C046	+5V	0A	7A		10.5A	+5.00V~+5.05V	1%	±1%	75%
SNP-C047	+12V	0A	3A		4.5A	+11.95V~+12.05V	1%	±1%	80%
SNP-C048	+15V	0A	2.4A		3.6A	+14.95V~+15.05V	1%	±1%	85%
SNP-C049*	+24V	0A	1.7A		2.5A	+23.9V~+24.1V	1%	±1%	83%
SNP-C04T*	+48V	0A	0.8A		1.2A	+45.6V~+50.4V	0.5%	±1%	80%
SNP-C043*	+5V	0A	4A	6A	8A	+4.95V~+5.05V	1%	±2%	81%
	+12V	0A	1.5A	2A	3A	+11.4V~+12.6V	1%	±3%	
SNP-C04A*	+5V	0A	3A	5A	7A	+4.95V~+5.05V	1%	±2%	83%
	+24V	0A	1A	1.5A	2A	+22.8V~+25.2V	1%	±2%	

General Specifications

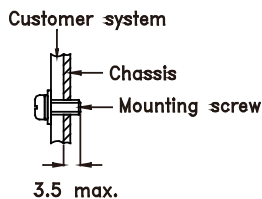
— Input & Output —		— EMC —	
Input voltage range	85VAC to 264VAC	Emission	FCC/CISPR, level B
Label voltage	100VAC to 240VAC	Harmonic currents	EN61000-3-2, class A
Nominal line voltage	115VAC/230VAC	ESD	EN61000-4-2, criterion A
Input frequency range	47Hz to 63Hz		4kV contact, 8kV air discharge
Inrush current*	<30A at 115VAC, <60A at 230VAC	Radiated immunity	EN61000-4-3
Line regulation	<±1%		10V/M with 80% AM, criterion A
Hold-up time	16ms typ.	EFT/Burst	EN61000-4-4, 4kV, criterion A
— Protection —		Surge	EN61000-4-5, 1kV L-L, 2kV L-E, criterion A
Over Voltage*	Latch-off	Conducted immunity	EN61000-4-6, 10V with 80% AM, criterion A
Over Load/Short	Auto-recovery	MS	EN61000-4-8, 3A/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 +75°C	— Safety —	
Relative humidity	10% to 90% RH, non-condensing	Approvals	UL60950-1, 1 st edition (UL, CUL)
Operating altitude	0 to 2000m		EN60950-1, 2 nd edition (TUV)
			IEC60950-1, 1 st edition (CB Report)
			CE Mark

Notes

- All specifications without special notices are defined at nominal line, rated load and 25°C.
- SNP-C04B is safety compliant but without approvals.
- For SNP-C049/C04T, output can be adjusted up to +10% through potentiometer.
- For SNP-C043, max combination load is 38W/continuous and 57W/peak.
- For SNP-C04A, max combination load is 39W/continuous and 58W/peak.
- Initial output voltage is set at 60% rated load and 115VAC input.
- Peak load can last 8 sec.
- Inrush current is defined at 25°C cold start and EMI capacitors are excluded.
- Over voltage protection mode is defined at 60% rated load.
- Ripple & Noise is defined with 15MHz BWL oscilloscope and 1X probe with 0.47uF+10uF output capacitor.
- All specifications subject to change without notice.
- This datasheet is only for model selection. Please contact sales@skynetpower.com.tw for formal specification.



Screw protrusion limitation



Suggest screw torque: 6kg-cm

Output Pin

PIN NO.	1	2	3	4	5	6
SNP-C043	L	N	PE	+12V	GND	+5V
SNP-C04A	L	N	PE	+24V	GND	+5V
Other models	L	N	PE	GND	+V	

Connector type*

- TB1 input/output : Terminal blocks

Dimensions

- WxLxH : 3.22" x 3.89" x 1.42"
82 x 99 x 36 (mm)

Packing

- Net weight : 315g approx./unit
- Carton size (mm) : 463(L) x 316(W) x 287(H)
- Quantity : 40 units / carton
- Gross weight : 13.5kg approx./carton

Notes

- Dimensions in left graph are shown in mm.
- Tolerance is $\pm 0.4\text{mm}$ for distance between mounting holes, and $\pm 0.8\text{mm}$ for other dimension.
- This product is RoHS compliant.

Power Derating Curve

