

SNP-901 series are for open frame on board power supplies which are universal input, small size, low cost orientated.

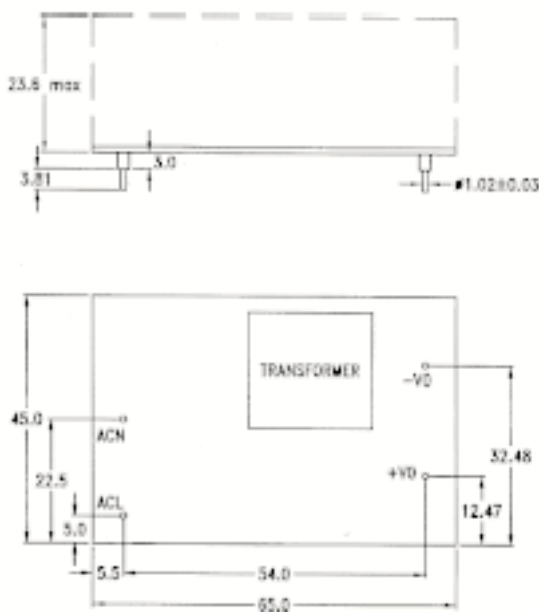


General Specifications:

Input voltage	85 VAC to 265 VAC	Operating temperature	0° C to 70 °C
Input frequency	47 Hz to 63 Hz	derating rate : 0.25W/C°	>50° C
Outputs	See output table	Cooling	Free air convection
Efficiency	65% typical	Storage temperature	-20° C to +85° C
Hold up time	10mS typical	EMI	EN55022 "B", FCC "B"
	at rated load and 115VAC	Harmonics	EN61000-3-2
Over load protection	auto-recovery	EMS	EN61000-4-2,-3,-4,-5,-6,-11
Short circuit protection.....	auto-recovery	Safety	UL 60950
Over voltage protection	latch-off		CSA 22.2 No. 234, EN60950

Mechanical Specifications:

SNP-9016



Notes:

- Dimensions shown in mm as above.
Tolerance: ±0.3mm
- Size:
65 x 45 x 23.6 (mm)
- Connectors:
AC input : Terminal pin
DC output : Terminal pin

Output Specifications:

MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	MAX				
SNP-9016	+5V	0A	2 A		+4.95V~+5.05V	50mVpp	±0.5%	±1%
SNP-9017	+12V	0A	1 A		+11.90V~+12.10V	120mVpp	±0.5%	±1%
SNP-9019	+24V	0A	0.5 A		+23.80V~+24.20V	200mVpp	±0.5%	±1%
SNP-901B	+3.3V	0A	3 A		+3.25V~+3.35V	50mVpp	±0.5%	±1%

Note:

1. The total output current is rated load with free air convection. Continuous staying in more than rated load is not allowed
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
4. Load regulation is defined by changing $\pm 40\%$ of measured output load from 60% rated load at another output set to 60 % rated load.
5. Ripple & noise is measured by using 15 MHz bandwidth limited oscilloscope and terminated each output with a 0.47 uF capacitor and a 47 uF electrolytic capacitor at rated load and nominal line.
6. Hold up time is measured from the end of the last charging pulse to the time which the main output drops down to low limit of main output at rated load and nominal line.
7. Efficiency is measured at rated load and nominal line.