

Features:

- With built in PFC
- 85% ~ 90% efficiency
- 60% power boost ability
- 23.5V to 29V adjustable output range
- Can be paralleled for SNP-D489

Model available:

- SNP-D129 • single phase universal 24V/5A
- SNP-D249 • single phase universal 24V/10A
- SNP-D489 • single phase universal 24V/20A

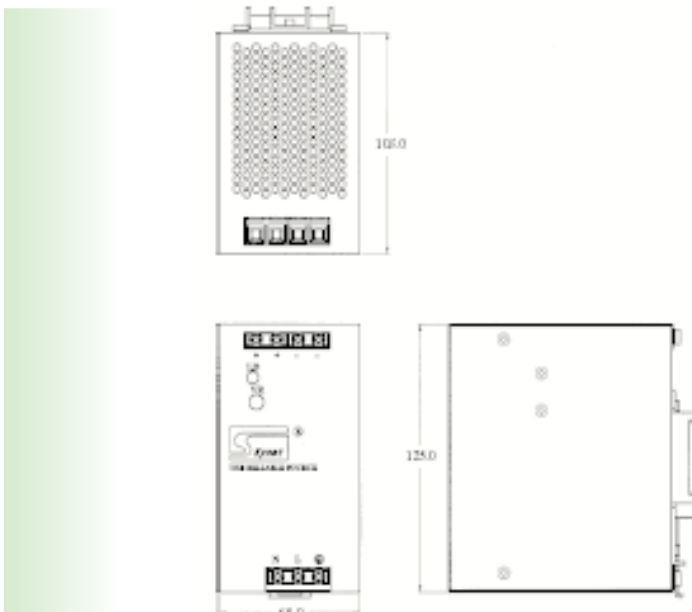


General Specifications:

Input voltage 90VAC to 264VAC
 Input current < 2A @115VAC, < 1A @230VAC
 Input frequency 47Hz to 63Hz
 Inrush current (cold start) < 30A @ 115VAC
 < 60A @ 230VAC
 Outputs see output table
 Efficiency 87% typical at 230VAC
 Hold up time longer than 20ms
 at 115VAC input
 Over voltage protection latch off

Over load protection auto-recovery
 Short circuit protection auto-recovery
 Operating temperature -10 °C to +70 °C
 (derating: typ. 3W/K > 60 °C)
 Cooling free air convection
 Storage temperature -25 °C to +85 °C
 EMI standard FCC docket 20780 curve "B"
 EN55022 "B", EN61000-3-2 Class D
 Safety UL 1950, UL 508
 CSA 22.2 No. 950-M90
 EN 60 950

Mechanical Specifications:



NOTE:

1. Dimensions shown in mm (inch) as left. Tolerance specified is ± 0.4 mm.
2. Size:
65 x 125 x 103 (mm)
3. Connectors:
AC & DC Connector : Terminal blocks
(suitable wire 26~10AWG)
4. Power on indicator:
Green light on the panel
5. Hook:
For standard symmetrical 35mm DIN-rail

Output Specifications:

MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	PEAK				
SNP-D129	+24V	0A	5A	6A	±2%	<50mVpp	±1%	±1%

Notes:

1. Each output can deliver peak load for max. 1 min. at 45 °C or even continuous with forced cooling.
2. At factory, in 60% rated load condition, the output is checked to be within the accuracy range while the main output is set within the specified accuracy range at rated load.
3. Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
4. Load regulation is defined by changing ±40% of measured output load from 60% rated load.
5. Ripple & noise is measured by using 15MHz bandwidth limited oscilloscope and terminated the output with a 0.47uF capacitor at rated load and nominal line.
6. Hold up time is measured from the end of the last charging pulse to the time when the main output drop down to regulation limit at rated load and nominal line.
7. Efficiency is measured at rated load and nominal line.