



High-Performance Enclosed Switching Power Supply, 75W, DC 12V 6.3A

Model: NPS-L112D-6A

Main Features:

- ♦ Wide AC input range: 90-264 VAC;
- ♦ LED indicator for power status;
- Cooling by free air convection;
- ♦ Short Circuit/Over-Voltage/Over-Current Protection.

Input

Input Range	90-264 VAC, 47-63 Hz; 135-373 VDC	
AC Current	≤ 1.4 A	
Efficiency	≥ 85%	
Inrush Current	cold start max. 45 A at 230 VAC	
No Load Consumption	≤ 0.8 W	
Leakage Current	≤ 1 mA	

Output

Output Voltage	12 VDC (± 2%)	
Rated Current	6.3 A	
Line Regulation	± 3%	
Load Regulation	± 5%	
Ripple & Noise	≤ 150 mVp-p	
Setup, Rise, Hold-up time 800ms, 30ms, 20ms at 230 VAC; 1200ms, 30ms, 20ms at 115 VAC		



Environment

Operating Temperature	-20°C to 50°C
Operating Humidity	RH 10% to 96% (non-condensing)
Storage Temperature	-40°C to 80°C
Storage Humidity	RH 5% to 96% (non-condensing)
Altitude	-50m to 2000m (AMSL)

Safety

Protection	Over Current / Over Voltage / Short Circuit / Surge Protection(1 kV)	
Withstand Voltage	I/P-O/P: 1.5 kVAC; I/P-FG: 1.5 kVAC; O/P-FG: 0.5 kVAC	
Safety Standard	UL1012, UL60950-1, GB4943	
EMC Standard	EN55022, EN61000-3-2 Class A	

Reliability

Vibration	10~500 Hz sweep at shift gears for 20 mins for each axis(X, Y, Z) at 2G
MTBF	≥ 360,000 hours at 25°C with full load

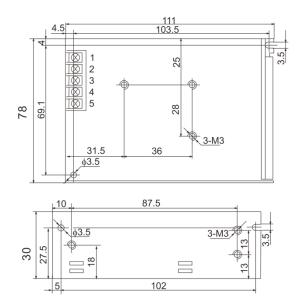
General

Dimension	111x78x30 mm (LxWxH)
Net Weight	200 g
Gross Weight	220 g



Diagram

Unit: mm



Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG ±		