

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

