



## 72W High-Performance Desktop Power Supply

DC 12V 6A

Model: NPS-D112D-6A-CCTV

### Main Features:

- ✧ Wide AC input range: 90-264 VAC;
- ✧ Meet Energy Efficiency DOE Level VI;
- ✧ Low ripple & noise and low temperature rise;
- ✧ Short Circuit/Over-Voltage/Over-Current Protection.

### Input

Input Range	90-264 VAC, 47-63 Hz
AC Current	≤ 2.3 A
Efficiency	≥ 87%
No Load Consumption	≤ 0.3 W
Leakage Current	≤ 0.7 mA

### Output

Output Voltage	12 VDC (± 5%)
Rated Current	6 A
Line Regulation	± 3%
Load Regulation	± 5%
Ripple & Noise	≤ 120 mVp-p
Setup, Rise, Hold-up time	3s, 40ms, 5ms

### 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)

Dielectric Strength(Hi-Pot) 3000 VAC / 5 mA / 1 min

Insulation Resistance  $\geq 100 \text{ M}\Omega$  at 500 VDC

EMI Standard EN55032 Class B

## Reliability

Vibration 5~10~200~500 Hz sweep at shift gears for 20 mins for each axis(X, Y, Z)

Drop Test total twice on random surface, drop height=1m, drop onto the cement surface

Steel Ball Impact Test Ball(500g,  $\Phi=50\text{mm}$ , free fall height=1.3m) impacts top & bottom surface, no crack

MTBF  $\geq 50,000$  hours at 25°C with full load

## General

Dimension 115x56x33 mm (LxWxH)

DC Connector DC Plug 5.5x2.1 mm

Net Weight 300 g

Gross Weight 380 g (AC power cord included)

Package List 1x Power Supply, 1x AC Power Cord

## Diagram

