

## Power supply for LED lighting 200 W, 12 V DC

art.№ ZNWJ12200



### Features

- Universal AC input / Full range
- Protections: Overload /Over voltage/Over temperature/Short circuit
- Cooling by free air convection
- LED indicator for power on
- Long life electrolytic capacitors
- High efficiency, long life and high reliability
- 2 years warranty

### Introduction

The LED power supply is a dedicated LED driving device that delivers a constant voltage.

### Technical specification

- **AC Input voltage range:** AC 88 -132V/AC 180-264 V (selected by switch)
- **Input frequency:** 47 ÷ 63 Hz
- **AC inrush current:** 50 A/115 V, 30 A/230 V (cold start)
- **Output voltage:** 0-12 V DC
- **Output rated current:** 16.7 A
- **Rise time:** 50 ms full load (typical)
- **Hold up time:** 20 ms full load (typical)
- **Built-in EMI filter**
- **Cooling:** free air convection
- **Protection:** Overload /Over voltage/Over temperature/Short circuit
- **Power on LED indication.**
- **Operating temp. & humidity:** -10 °C ÷ +45 °C, 20% ÷ 93%RH (non-condensing)
- **Storage temp. & humidity:** -40 °C ÷ +85 °C, 10% ÷ 95%RH (non-condensing)
- **IP rate:** IP20
- **Size:** 198 mm/98 mm/45 mm
- **Warranty period:** 2 years

### Port description

- Input ports (AC)

**L** - Phase

**N** - Neutral



- Ground

- Output ports (DC)

**COM** - Negative pole

**+V** - Positive pole

**+V ADJ** - Output voltage adjustment

## **Installation**

1. Before commencing any installation or maintenance work, please disconnect the power supply from the utility. Ensure that it cannot be re-connected inadvertently!
2. Keep proper ventilation around the unit and do not stack any object on it. Also a 10 -15 cm clearance must be kept when the adjacent device is a heat source.
3. Operate under high ambient temperature may increase the internal component temperature and will require a de-rating in output current.

## **Warning / Caution**

1. Risk of electrical shock and energy hazard. All failure should be examined by a qualified technician. Please do not remove the case of the power supply by yourself!
2. Please do not install LED power supplies in places with high ambient temperature or close to fire source.

## **Taking care of the natural environment cleanliness**

1. The product and its components are not harmful to the environment.
2. Please dispose the package elements separately in containers for the corresponding material.
3. Please dispose the broken product separately in containers for out of usage electrical equipment.

