

# Power Supply for 10-18 pcs 3W LEDs, 30-60V, 600mA

## Product codes:

Reference: AM8910

EAN13: -

UPC: 85044090

## Product features:

Current: 600 mA

Input voltage: 85-265 V AC, 50/60 Hz

Output voltage: 30-60 V DC

Housing material: Plastic



## Product attributes:

## Product description:

The constant current LED power supply is designed to power setups of 10-18x 3W LEDs. It serves as an external LED driver for lighting applications where a stabilized current of 600 mA is required. Its design is suitable for integration into luminaires and other lighting assemblies with a matching output voltage range.

## Technical Specifications

- Product type: Constant current LED driver
- Designed for: 10-18x 3W LEDs
- Input voltage: 85-277 V AC
- Input frequency: 50/60 Hz
- Output voltage: 30-60 V DC
- Output current: 600 mA  $\pm$ 5%
- Dimensions: 115 x 45 x 28 mm
- Housing material: Plastic
- Design type: External driver
- Product markings: CE, FCC

## Features and Functions

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- Constant current output for powering high-power LEDs.
- Wide AC input voltage range for use in various power systems.
- Separate input wires for AC power and output wires for connecting the LED load.
- Plastic housing design with screwed end caps.
- Designed for use with LED modules or assemblies that match the output current and voltage range of the driver.

#### **Ideal For**

- Powering high-power LEDs and COB LED modules.
- Downlights and recessed lighting.
- LED panels and other internal lighting assemblies with constant current power.
- Replacement or service use in compatible LED luminaires.

#### **Package Contents**

- 1x LED driver 600 mA for 10–18x 3W LEDs

#### **Why Choose This Product**

- Clearly defined 600 mA output current for compatible LED loads.
- Output voltage range of 30–60 V for multi-cell LED assemblies.
- External design makes it easy to integrate into a luminaire or replace the original driver.
- Technical specifications are clearly marked directly on the device label.

#### **Installation and Operating Instructions**

- Before connecting, verify that the required current of the LED module matches the 600 mA output and that the operating voltage of the load is within the 30–60 V DC range.
- Connect the input wires to the AC 85–277 V mains power supply according to the wire markings.
- Connect the output wires to the LED load with the correct polarity.
- Perform the installation to ensure mechanical fastening and adequate heat dissipation within the luminaire.
- Do not connect the driver to a voltage source designed for constant voltage LEDs.

#### **Safety Warnings**

- The device operates with AC 85–277 V mains voltage. There is a risk of electric shock during installation.
  - Perform installation and wiring only when the power supply is disconnected.
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- Incorrect output wiring or connection of an incompatible LED load may result in damage to the driver or the LED module.
- The product requires professional installation in accordance with electrical equipment regulations.
- Prevent short circuits on the output and do not operate the device with damaged wire insulation or housing.

**Product gallery:**

