

# Power Supply for 18-30x3W LED, 600mA, 54-105 V DC

## Product codes:

Reference: AM7214

EAN13: -

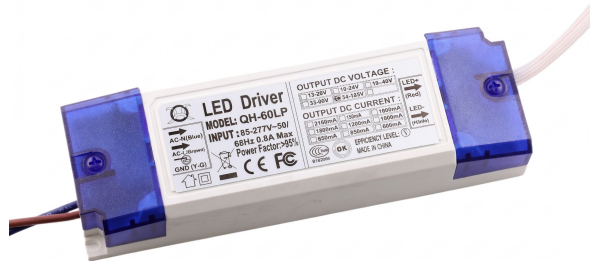
UPC: 85044090

## Product features:

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

Output voltage: 54-105 V DC

Output current: 600 mA



## Product attributes:

## Product description:

This constant current LED driver is designed to power high-power LED modules in an 18-30x3W configuration. It serves as an external power supply with an AC mains input and a DC output with a limited current of 600 mA. It is suitable for applications requiring a stable constant current power supply for an LED load within the corresponding output voltage range.

## Technical Specifications

- Output principle: Constant current
- Designed for: 18-30x3W LED
- Input voltage: AC 85-277 V
- Input frequency: 50/60 Hz
- Output voltage: 54-105 V DC
- Output current: 600 mA
- Dimensions: 140 × 45 × 28 mm
- Design: Plastic housing
- Certification: CE, RoHS

## Features and Properties

- Powers LED loads with a constant current of 600 mA.
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- Wide input mains voltage range for fixed installations.
- External design with lead wires for AC input and DC output.
- Compact, elongated plastic body suitable for integration into luminaires and lighting assemblies.
- Designed for LED modules or assemblies with electrical parameters matching the 54–105 V DC output at 600 mA.

#### **Ideal For**

- Powering series-connected high-power LEDs.
- LED luminaires, floodlights, and other lighting applications with constant current control.
- Service replacement or construction of LED power supply units requiring a 600 mA current and the corresponding output voltage.

#### **Package Contents**

- 1x LED driver 600 mA 54–105 V DC

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

- Parameters perfectly match the power requirements of 18–30x3W LED assemblies.
- Constant current design is ideal for high-power LEDs that require current control.
- Wide input range of AC 85–277 V allows use in various mains conditions.
- Specifically listed output voltage, current, and dimensions ensure easy compatibility checks during design or replacement.

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

- Before connecting, verify that the LED load is designed for a constant current of 600 mA and its operating voltage falls within the 54–105 V DC range.
- Ensure correct connection of the AC input and DC output polarity.
- Perform the installation with the power disconnected.
- Install the driver in a way that ensures adequate ventilation and avoids mechanical stress or moisture, unless the device is specifically rated for such environments.
- Professional installation is recommended for connecting to the mains voltage.

#### **Safety Warnings**

- The device operates with a mains input voltage of AC 85–277 V and an output of up to 105 V DC. Improper handling poses a risk of electric shock.
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- Do not connect an LED load with an incorrect current or voltage rating.
- Incorrect polarity connection or a short circuit on the output can damage the driver or the LED module.
- Do not install in environments for which the product is not intended.
- Any modification to the structure or connecting while under voltage is strictly prohibited.

### **Product gallery:**

