

LiFud Power Supply 12 W, 180-265VAC/24-42VDC, 300 mA

Product codes:

Reference: AM9602

EAN13: -

UPC: 85044090

Product features:

Input voltage: 180-265 V AC

Output voltage: 24-42 V DC

Output current: 300 mA

Performance: 12 W

Frequency: 50-60 Hz

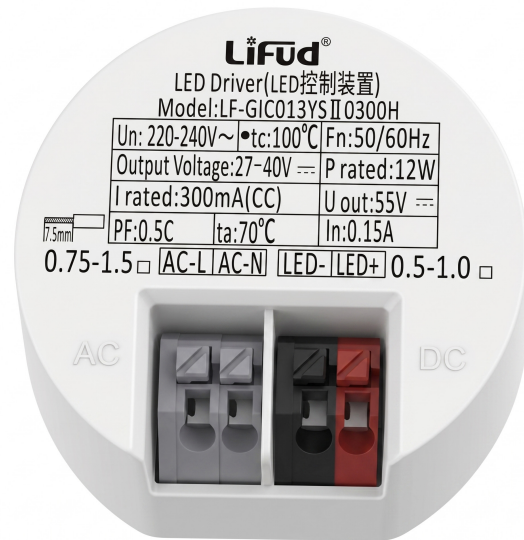
Product attributes:

Product description:

The round LED driver is a power supply for the current feeding of LED luminaires with an output current of 300 mA. It is used to convert AC mains voltage to a DC output for LED loads in the range of DC 24-42 V. It is designed for fixed installation in luminaires and lighting assemblies where a separate power supply module for LEDs is required.

Technical Specifications

- Product type: LED driver
- Power: 12 W
- Input voltage: AC 180-265 V
- Input frequency: 50/60 Hz
- Output voltage: DC 24-42 V
- Output current: 300 mA
- Output current tolerance: $\pm 5\%$
- Power factor: $PF \geq 0.9$
- Ambient operating temperature T_a : 45 °C
- Case temperature T_c : 85 °C
- Body dimensions: diameter 42 mm, height 22 mm



- Design: round casing with connecting wires
- Input wires: L, N
- Output wires: LED+, LED-

Features and Properties

- Converts AC mains voltage to DC current output for LEDs.
- The output is marked with LED+ and LED- polarity for correct connection of the LED load.
- The round casing allows installation in space-restricted parts of the luminaire.
- Connection is handled by exposed wires without an integrated terminal block.
- The casing features mounting brackets for mechanical fastening.

Ideal For

- LED panel lights with corresponding electrical parameters.
- LED ceiling lights with an external current driver.
- LED downlights powered by a 300 mA current.
- Replacing a damaged LED driver with an identical output current and corresponding output voltage range.

Package Contents

- 1× LED driver

Why Choose This Product

- Suitable for LED loads with a current of 300 mA and an operating voltage of DC 24-42 V.
- Features clearly marked input and output wires, including output polarity.
- The compact round design is suitable for installation in LED luminaires.
- Parameters are listed directly on the driver body, making it easy to check during installation or replacement.

Installation and Operating Instructions

- Before installation, verify the compatibility of the output current and output voltage range with the connected LED load.
 - Connect the input wires only to the appropriate AC mains voltage.
 - Connect the output wires to the LED load with the correct LED+ and LED- polarity.
 - Secure the driver so that the wires are not subjected to mechanical stress.
 - Installation must be performed by a person with appropriate
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electrical qualifications.

Safety Warnings

- The device operates with mains voltage; incorrect handling may result in electric shock.
- Perform installation, dismantling, and wiring only when the power supply is disconnected.
- Do not connect an LED load with an incompatible current or voltage range.
- Incorrect connection of the output polarity will cause malfunction or damage to the LED load.
- Do not use the driver if there is visible damage to the casing, wires, or insulation.
- Ensure sufficient space for heat dissipation and do not exceed the specified Ta and Tc temperature values.

Product gallery:

