

# LiFud Power Supply 18 W, 180-265VAC/33-40VDC, 450 mA

## Product codes:

Reference: AM2773

EAN13: -

UPC: 85044090

## Product features:

Input voltage: 220-240 V AC, 50/60 Hz

Output voltage: 33-40 V DC

Output current: 450 mA

Performance: 18 W

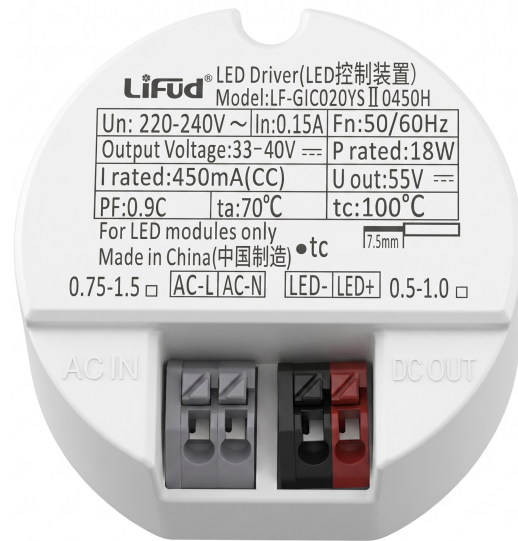
## Product attributes:

## Product description:

The LiFud constant current LED driver is designed to power LED modules with a current of 450 mA. It serves as a power supply element between the 220-240 V AC mains input and the LED load within the corresponding output voltage range. The design featuring input and output terminals facilitates secure electrical connections in LED luminaires and lighting modules.

## Technical Specifications

- Product type: LED driver
- Output type: constant current, CC
- Rated power: 18 W
- Rated output current: 450 mA
- Output voltage: 33-40 V DC
- Maximum output voltage U out: 55 V
- Rated input voltage: 220-240 V AC
- Rated input current: 0.15 A
- Frequency: 50/60 Hz
- Maximum ambient temperature  $t_a$ : 70 °C
- Measurement point temperature  $t_c$ : 100 °C



- Dimensions: 50 x 48 x 26 mm
- Input terminals: AC L, AC N
- Output terminals: LED+, LED-
- Designed for LED modules

### **Features and Properties**

- Constant current output for powering an LED load with a current of 450 mA.
- Separately marked terminals for mains input and output to the LED module.
- Output polarity is marked as LED+ and LED-.
- Compact circular housing suitable for integration into LED luminaires with corresponding installation space.
- Operation from 220-240 V AC mains power supply.

### **Ideal For**

- LED luminaires with LED module powered by 450 mA current.
- Built-in LED luminaires and lighting modules with a corresponding voltage range.
- Service replacement of an LED driver with identical electrical parameters.
- Applications requiring a separate constant current power supply for an LED module.

### **Package Contents**

- 1 x LiFud LF-GIC020YSII0450H LED driver

### **Why Choose This Product**

- Matches the 18 W and 450 mA parameters for LED modules with constant current power supply.
- Features clearly marked input and output terminals for correct wiring.
- Operates with an input voltage of 220-240 V AC.
- Specifies an output range of 33-40 V DC to check compatibility with the LED load.
- Dimensions of 50 x 48 x 26 mm allow verifying suitability for a specific luminaire prior to installation.

### **Installation and Operating Instructions**

- Installation may only be performed by a person with appropriate electrical qualifications.
  - Always disconnect the power supply before installation.
  - Connect the mains input to the AC L and AC N terminals.
-

- Connect the LED module to the LED+ and LED- terminals while observing correct polarity.
- Use only with an LED module matching the 450 mA output current and 33-40 V DC output range.
- Install in a way that the  $t_a$  70 °C and  $t_c$  100 °C values are not exceeded.

### Safety Warnings

- The device operates with a mains voltage of 220-240 V AC.
- Incorrect wiring poses a risk of electric shock, short circuit, overheating, or damage to the LED module.
- Do not perform installation or handling while under voltage.
- Do not connect an LED load with an incorrect current or voltage range.
- Observe the correct polarity of the LED+ and LED- outputs.
- Do not use the driver if there is mechanical damage to the housing, terminals, or markings.

### Product gallery:

