

# LiFud Power Supply 30W, 180-265VAC/33-40VDC, 750mA

## Product codes:

Reference: AM7820

EAN13: -

UPC: 85044090

## Product features:

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

Output voltage: 33-40 V DC

Output current: 750 mA

Performance: 30 W

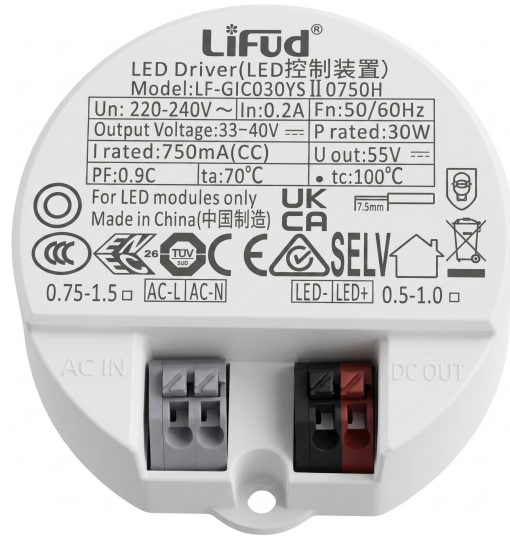
## Product attributes:

## Product description:

The LiFud LED driver is a power supply with a constant output current of 750mA for LED modules. It is designed to be connected to a 220-240V AC mains supply and to power an LED load within the specified output voltage range. The terminal block design allows for direct connection of the AC input wires and the LED+ and LED- outputs.

## Technical Specifications

- Product type: LED driver for LED modules
- Output mode: Constant Current (CC)
- Rated power: 30W
- Rated output current: 750mA
- Output voltage: 33-40V DC
- Maximum no-load output voltage: 55V DC
- Input voltage: 220-240V AC
- Input frequency: 50/60Hz
- Input current: 0.2A
- Power factor (PF): 0.9
- Ambient working temperature (ta): 70°C
- Maximum casing temperature (tc): 100°C



- Input terminals: AC-L, AC-N
- Output terminals: LED+, LED-
- Wire cross-section indicated on the label: 0.75-1.5
- Dimensions: 57 x 57 x 26 mm
- Label markings: CE, SELV
- Designed only for LED modules

### **Features and Properties**

- Powers LED loads with a constant current of 750mA.
- Separate input and output terminals for mains power and the LED module.
- Round compact casing suitable for integration into LED luminaires with adequate space.
- Terminal connection without an integrated power cable.
- The product is marked SELV for the output section.
- Product labeling indicates use for LED modules only.

### **Ideal For**

- LED lighting fixtures requiring a 750mA current driver.
- Built-in LED luminaires and LED modules with a matching voltage and power range.
- Replacing an LED driver with an identical model or a technically equivalent substitute with the same electrical parameters.

### **Package Contents**

- 1x LiFud LED driver

### **Why Choose This Product**

- The 30W and 750mA parameters match constant current LED applications in the 33-40V DC range.
- The label indicates a 220-240V AC input and LED+ and LED- output terminals, making wiring orientation easy.
- The compact circular design allows for use in LED luminaire structures with limited space.
- The LF-GIC030YSII0750H model designation allows for precise identification when replacing the original driver.

### **Installation and Operation Instructions**

- Before installation, verify that the output current, output voltage, and power match the connected LED module.
  - Connect the input wires only to the AC-L and AC-N terminals.
  - Connect the LED load to the LED+ and LED- terminals, ensuring correct polarity.
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- Operate the driver only with a connected LED load that matches the output parameters.
- Ensure a location with sufficient heat dissipation and do not exceed the temperatures indicated on the label.

### Safety Warnings

- The device operates with a mains voltage of 220-240V AC. Installation must only be carried out by a person with appropriate electrical qualifications.
- Always disconnect the power supply before assembly, disassembly, or wiring.
- Incorrect wiring can cause electric shock, short circuits, overheating, or damage to the driver and LED module.
- Do not connect the driver output directly to the mains power source.
- Do not use the driver with an LED module outside the specified output voltage and current range.
- Do not use a damaged, mechanically compromised, or overheating driver.

### Product gallery:

