

# Qoltec LED Driver IP67 100W | 12V | 8.3A | Waterproof | Black

Product code: 50947



The LED switching power supply in a waterproof case is a device characterized by stability and operational reliability. Intended for use both inside and outside the building. The high tightness class (IP 67) makes our power supply an ideal solution for bathroom lighting or outdoor advertising banners. Thanks to the highest quality components, the power supply meets the expectations of the most demanding customers.

It is designed to power LED strips, modules, panels, LED tapes, bulbs and many other electronic parts powered by 12V.

## RELIABLE LED SUPPLY

Are you looking for a reliable way to power the LED strip in your home? Or maybe in your company LED modules are an important element of the lighting installation? If so, you've come to the right place.

The Qoltec brand has prepared a **wide selection of modular power supplies** for you, which are perfect for both home and office work. Thanks to their differentiation in terms of power, you can easily choose the model that suits you.

## SAFE SOLUTION

Our device is equipped with modern technologies ensuring protection against:

- **overvoltage** - protects against too low or too high voltage,
- **overloads** - protects against power line overload,
- **short circuits** - protects against short circuits in the supply circuit,
- **overheat** – protection

starts when the temperature in the transistor is over 140 C and automatic restart device when temperature it back to normal

## CONFIDENCE CONFIRMED BY A WARRANTY

You value the **quality** of purchased equipment so our projects and solutions are focused on **meeting your expectations**. Each modular power supply is covered by **24 months warranty**.

## TECHNICAL DATA

|                             |   |
|-----------------------------|---|
| Producer                    | Qoltec  |
| Usable power                | 100 W   |
| Output voltage              | 12 V  |
| Output current              | 8.3 A   |
| Frequency range             | 47 - 63 HZ  |
| AC current                  | 1.24 A / 170 V  |
| Input Voltage Range         | 170 - 264 VAC   |
| Voltage Accuracy            | 3%  |
| Voltage adjustment          | 11.6 - 12.4 V   |
| Surge current               | Cold start: 65 A / 230 VAC  |
| Safety                      | Overload protection<br>Overvoltage protection<br>Short-circuit protection<br>Overheat protection  |
| IP Rating                   | IP67  |
| Efficiency                  | 84%   |
| Overload                    | Larger than 105% of capacity   restoration after abnormality removed  |
| Hold time                   | 50 ms / 230 VAC   |
| Start and rise time         | 1000 ms, 30 ms / 230 VAC  |
| Vibration proff             | 10 ~ 500 Hz, 5G 10 min/cycle, X Y Z axes 60 min each  |
| Linear Adjustment           | 0.5%  |
| Load Adjustment             | 2%  |
| R&N                         | 300 mVp-p   |
| Current leak                | < 2 mA / 240 VAC  |
| Cable length                | 0,24 m  |
| Additional information      | Plastic case  |
| Additional information      | Switching power supply in a waterproof housing converts 230V alternating voltage into 12V DC. Made of electronic components placed on a printed circuit board in a metal housing. |
| Working temperature         | -20 C ~ +60 C   |
| Storage temperature         | -40 C ~ +80 C   |
| Working humidity            | 20 ~ 90%, whitout condense  |
| Dimensions                  | 51 x 220 x 32 mm  |
| Package size                | 61 x 38 x 232   |
| Package depth / length [mm] | 61  |
| Package width [mm]          | 39  |
| Package height [mm]         | 232   |
| Net weight [kg]             | 0.6240  |
| Gross weight [kg]           | 0.6450  |
| Warranty                    | 24 months   |
| EAN code                    | 5901878509471   |