



## Qoltec LED Driver IP20 | 24W | 12V | 2A

Product code: 50925

The LED switching power supply is a device characterized by stability and operational reliability. 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.

### HARNESS THE POWER OF LED TECHNOLOGY AND SAVE ENERGY



### Exceptional Energy Efficiency

Our power supply converts energy with 80% efficiency, utilizing the latest LED technology to ensure high energy savings, significantly reducing electricity consumption. As a result, your electricity bills will be lower, while also contributing to environmental protection.

## COMPACT AND EASY TO INSTALL



## Compact Size and Lightweight Design

The power supply features a **compact size and lightweight design**, making it easy to install even in tight spaces. No matter where you mount it, it will **always perform reliably**. By choosing our 12V 24W LED switching power supply, you are investing in **quality, reliability, and energy efficiency**, ensuring your LED lighting will operate perfectly for years to come.

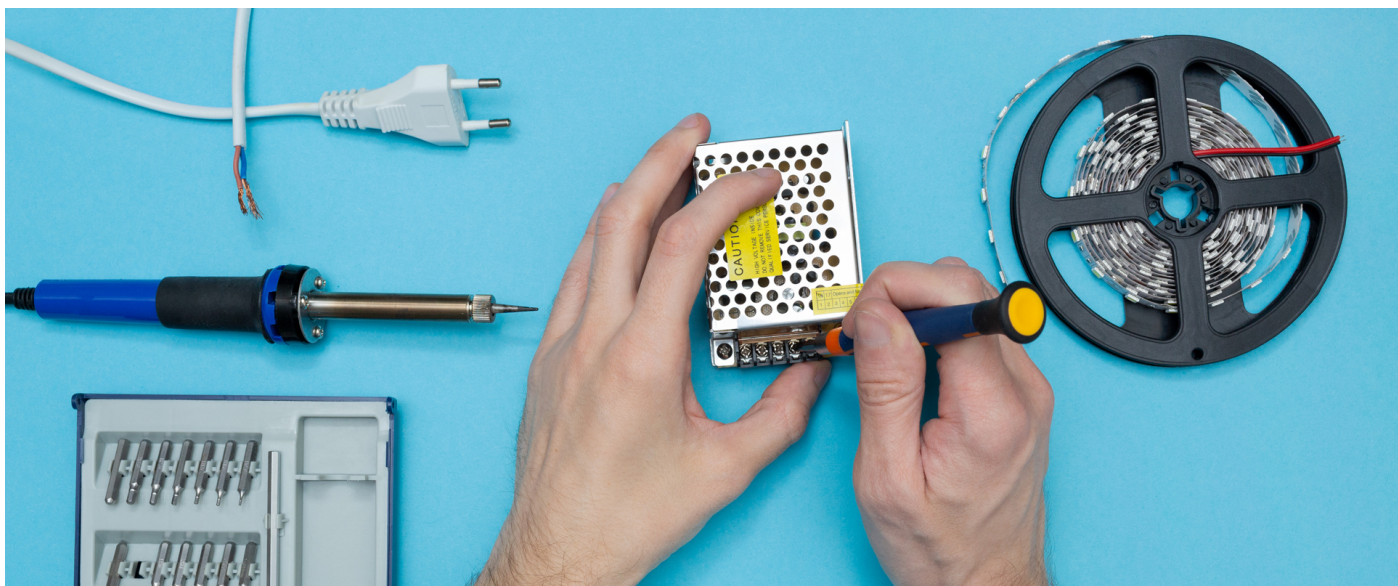
## A SAFE SOLUTION FOR YOUR HOME



## Optimal Power, Maximum Efficiency - Stable and Safe

With a maximum power output of 24W, the power supply provides stable and safe operation, protecting your LED strips from overload. Additionally, built-in overload, overvoltage, and short-circuit protections ensure long-lasting and safe use. The IP20 protection rating safeguards against dust and moisture, making this power supply ideal for indoor applications.

## CONFIDENCE CONFIRMED BY A WARRANTY



## Product Covered by a 24-Month Warranty

Looking for high-quality products? Our solutions will meet your expectations. Each of our power supplies comes with a 24-month warranty starting from the date of purchase.

## TECHNICAL DATA

|                             |                                                                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Producer                    | Qoltec                                                                                                                                                                                                           |
| Input voltage               | 220 V ~ 240 V                                                                                                                                                                                                    |
| Output voltage              | 12 V                                                                                                                                                                                                             |
| Voltage adjustment          | 10.8 ~ 13.2 V                                                                                                                                                                                                    |
| Voltage Accuracy            | 1%                                                                                                                                                                                                               |
| Input Voltage Range         | 90 ~ 264 VAC / 120 ~ 370 VDC                                                                                                                                                                                     |
| AC current                  | 0.57 A / 90 V ; 3.37 A / 220 V                                                                                                                                                                                   |
| Output current              | 2 A                                                                                                                                                                                                              |
| Overload                    | Larger than 105% of capacity   restoration after abnormality removed                                                                                                                                             |
| Frequency range             | 47 ~ 63 Hz                                                                                                                                                                                                       |
| Surge current               | Cold start: 65 A / 230 VAC                                                                                                                                                                                       |
| 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             | 0.5%                                                                                                                                                                                                             |
| Rated Power                 | 24 W                                                                                                                                                                                                             |
| Efficiency                  | 80%                                                                                                                                                                                                              |
| IP Rating                   | IP 20                                                                                                                                                                                                            |
| Safety                      | Overload protection<br>Overvoltage protection<br>Short-circuit protection                                                                                                                                        |
| Additional information      | Switching power supply in an aluminum housing, converts 230V alternating voltage into 12V DC. It is intended for indoor use. Made of electronic components placed on a printed circuit board in a metal housing. |
| OTHER PARAMETERS            |                                                                                                                                                                                                                  |
| Working temperature         | -20 C ~ +60 C                                                                                                                                                                                                    |
| Storage temperature         | -40 C ~ +80 C                                                                                                                                                                                                    |
| Working humidity            | 20 ~ 90%, whitout condense                                                                                                                                                                                       |
| Dimensions                  | 34 x 58 x 88 mm                                                                                                                                                                                                  |
| Package depth / length [mm] | 63                                                                                                                                                                                                               |
| Package width [mm]          | 43                                                                                                                                                                                                               |
| Package height [mm]         | 95                                                                                                                                                                                                               |
| Net weight [kg]             | 0.1310                                                                                                                                                                                                           |
| Gross weight [kg]           | 0.1400                                                                                                                                                                                                           |
| Warranty                    | 24 months                                                                                                                                                                                                        |
| EAN code                    | 5901878509259                                                                                                                                                                                                    |