

## 24V 60W 2.5A Power Supply - Aluminum IP20 - GXtronic



### Product code:

Reference: 91884

### Technical specifications:

REFERENCE: 91884  
Rated Power : 60w  
Nominal Voltage: 200V - 240V AC  
Construction Material: Aluminium  
Certifications: CE - ROHS  
IP : IP20  
Diode Life Expectancy (H): 30.000  
Dimensions (mm): 128\*50\*25 mm  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -20°C ~ +55°C  
On/Off Cycles: 100.000  
Other Information: Driver Regulable: 100% - 50% - 20% y 10%  
Driver included: Driver GXTronic  
Energy Rating (2021-UE-2019/2015): A  
Warranty Years: 3

### Product short description:

**Power Supply 60W 24V DC for LED Strips - Efficiency and Advanced Technology**, equipped with **gallium nitride (GaN) technology** for higher efficiency and a more compact size. Its **compact, silent, and high-efficiency design** ensures a stable and reliable power supply. Additionally, it features **natural convection cooling**, preventing overheating. **The perfect choice for safe, durable, and high-performance LED lighting.**

It incorporates a programmable manual regulator: 1- 100%. 2-50% 3- 20% 4-10%

### Product description:

24V 60W 2.5A Power Supply - Aluminum IP20 - GXtronic

**Power Supply 60W 24V DC** - Maximum efficiency, compact design, and superior reliability. Equipped with **Gallium Nitride (GaN) technology**, it outperforms traditional silicon-based power supplies by providing more efficient energy conversion and significantly reducing heat dissipation. Its innovative design makes it the perfect choice for **LED lighting, electronic devices, industrial automation**, and applications where space and efficiency are critical.

#### Advantages of GaN Technology in the 24V Power Supply

##### ✓ Higher energy efficiency

GaN reduces resistance and switching losses, optimizing energy conversion. This results in **lower electricity consumption and minimal heat generation**, extending the device's lifespan.

##### ✓ Reduced size and weight

Thanks to its thermal efficiency, the power supply is **more compact and lightweight**, making it easier to install in tight spaces and portable applications.

##### ✓ Fanless, natural cooling

The low heat emission enables **passive cooling**, eliminating the need for fans and ensuring **silent, maintenance-free operation**.

##### ✓ Higher switching speed

GaN allows operation at higher frequencies, reducing the size of internal components and improving overall system efficiency.

#### Programmable Modes - Full Power Control

For added versatility, this power supply includes **4 manual modes**, allowing you to adjust power output according to installation needs:

- **Mode A:** 100% power supply - Ideal for maximum brightness.
- **Mode B:** 50% power supply - Reduces energy consumption while maintaining balanced brightness.
- **Mode C:** 20% power supply - Perfect for soft lighting.
- **Mode D:** 10% power supply - Ideal for ambient or decorative lighting.

#### Recommended Applications

- ✓ **LED lighting** for indoor and outdoor use.
- ✓ Use in **industrial automation and smart home systems**.
- ✓ Power supply for **electronic devices and robotics**.
- ✓ Applications in **digital signage and LED displays**.

At FactorLED, we ensure that our products are of guaranteed QUALITY and provide all the necessary elements for DISTRIBUTION, IMPORT, or WHOLESALE, including the technical specifications of each LED product.

Additional images:

