

24V 200W 2.5A Power Supply - Aluminum IP20 - GXtronic



Product code:

Reference: 91887

Technical specifications:

REFERENCE: 91887
Rated Power : 200w
Nominal Voltage: 200v-240v AC
Construction Material: Aluminium
Certifications: CE - ROHS
IP : IP20
Diode Life Expectancy (H): 30.000
Dimensions (mm): 170*60*30mm
Frequency (Hz): 50/60Hz
Temperature Range (°C): -20°C ~ +55°C
On/Off Cycles: 100.000
Energy Rating (2021-UE-2019/2015): A
Warranty Years: 3

Product short description:

Power Supply 200W 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 200W 2.5A Power Supply - Aluminum IP20 - GXtronic

Power Supply 200W 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, importation, or wholesale, including the technical specifications of each LED product.

Additional images:

