Power Supply 24V 400W 16.6A TECMO - GXTronic

Product code:

Reference: 91889

Technical specifications:

REFERENCE: 91889
Rated Power : 400w
Nominal Voltage: 200v-240v AC
Construction Material: Aluminium
Certifications: CE - ROHS
IP : IP20
Diode Life Expectancy (H): 30.000
Dimensions (mm): 225*60*30mm
Frequency (Hz): 50/60Hz
Temperature Range (ºC): -20°C ~ +55°C
On/Off Cycles: 100.000
Energy Rating (2021-UE-2019/2015): A
Warranty Years: 3

Product short description:

Power Supply 400W 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:

Power Supply 24V 400W 16.6A TECMO - GXTronic

Power Supply 400W 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.

Technical Datasheet

Additional images: