

LED Driver LNR Series

Robust Power for Global LED Lighting



High Input
Surge Protection



Wide Operating
Temperature

LPS

Limited Power
Source



LED Drivers

Delta LNR Series: Maximum Uptime and Reliability for Global LED Applications

Delta launches its latest Constant Voltage LED Drivers LNR Series, tailored for maximum uptime and reliability. Built for long-term performance, the Series delivers dependable power for LED modules and strip lighting. It is an ideal solution for demanding environments, ranging from commercial signage and refrigeration displays to rugged industrial installations.

The LNR Series features a universal input range of 108–305 V_{AC} for seamless compatibility across global power systems. Certified to UL8750 and IEC/EN 62368-1, these units also meet rigorous safety standards for both lighting and industrial applications. Furthermore, their UL1310 Class 2 and LPS (Limited Power Source) ratings streamline installation by eliminating the need for complex conduits and specialized wiring.

Beyond simplified installation, the LNR Series pairs a straightforward design with robust, industrial-grade construction. It features a fully-potted housing with IP54-rated protection, shielding internal components from dust, moisture, and vibration, essential for outdoor signage and high-exposure environments. Engineered for extreme conditions, the Series operates reliably in temperatures ranging from -40°C to +55°C. To guarantee enhanced system security and minimized downtime, these drivers further provide built-in protection against short circuits, overloads, over-voltage, and over-temperature. Ultimately, this combination of rugged durability, comprehensive protection, and simplified installation establishes the LNR Series as the premier choice for deployments requiring long-term reliability.

Product Information

LED Driver > LNR Series

20 W



LNR-020A12VJAAD

12 V / 20 W

<https://psu.deltaww.com/en/products/led-driver/LNR-020A12VJAAD>

20 W



LNR-020A24VJAAD

24 V / 20 W

<https://psu.deltaww.com/en/products/led-driver/LNR-020A24VJAAD>

96 W



LNR-100A24VJAAC

24 V / 96 W

<https://psu.deltaww.com/en/products/led-driver/LNR-100A24VJAAC>

- Please contact your [local sales representative](#) for product availability. Alternatively, you may [leave us a message](#) and our sales representative shall get back to you.

Features

- Constant voltage design
- Universal input voltage 108-305 V_{AC}
- Class 2 and LPS (Limited Power Source) rated outputs
- Stable power factor for consistent operation
- Fully-potted design with IP54 protection for dry and damp environments
- Multi-Layered protection: overload, over-voltage, short circuit, and over-temperature
- -40°C to +55°C wide operating temperature
- Optimized for Industrial and signage applications

Applications



Signage



Strip Lighting



Refrigerated Display Case