

DIN Rail Power Supply DIN Eco Series

New 3-Phase Power: 120 W - 960 W Outputs



Slim and Compact Size



Compliant with SEMI F47



Optional Conformal Coating



Industrial Power Supplies

Delta's New 3-Phase DIN Rail Power Supplies DIN Eco Series Empower Diverse Industrial Applications

As industrial systems expand and high uptime becomes more critical, Delta has launched the new DIN Eco Series 3-Phase DIN rail power supplies. With high conversion efficiency of up to 95.5%, the Series minimizes energy loss, heat buildup, and operating carbon emissions, perfectly aligning with the goal of sustainability. This DIN Eco Series offers 120 W, 240 W, 480 W, and 960 W models with 24 V and 48 V output options, engineered for diverse applications, including industrial control panels, data center cooling distribution units (CDU), green energy systems, and electric vehicle (EV) charging stations.

Moreover, the Series supports 3-phase AC grid connections from 340–575 Vac without requiring a neutral line. Its compact, high-power-density design maximizes space utilization within distribution panels, facilitating easy system expansion without the need for enclosure modifications.

Additionally, with a wide operating temperature range of -40°C to 70°C , the DIN Eco Series ensures stable performance in even the most extreme industrial environments.

Designed for maximum safety, the DIN Eco 3-Phase Series delivers long-term reliability and uncompromising protection for both operators and critical equipment. It is certified to the most stringent international standards, including IEC/EN/UL 62368-1, 61010-1/-2-201, and GB 4943.1, providing comprehensive defense against electrical, thermal, and mechanical hazards. Beyond safety, the Series is SEMI F47 compliant, empowering systems to ride through brief power fluctuations and maintain uninterrupted operation in demanding semiconductor manufacturing environments.

Contact us today for detailed specifications and expert guidance on the best configuration for your system!

Product Information

DIN Rail > DIN Eco Series
120 W



DRL-24V120W3EN□	24 V / 5.0 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-24V120W3EN
DRL-48V120W3EN□	48 V / 2.5 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-48V120W3EN

240 W



DRL-24V240W3EN□	24 V / 10.0 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-24V240W3EN
DRL-48V240W3EN□	48 V / 5.0 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-48V240W3EN

480 W



DRL-24V480W3EN□	24 V / 20.0 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-24V480W3EN
DRL-48V480W3EN□	48 V / 10.0 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-48V480W3EN

960 W



DRL-24V960W3EN□	24 V / 40.0 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-24V960W3EN
DRL-48V960W3EN□	48 V / 20.0 A / 3-Phase https://psu.deltaww.com/en/products/din-rail-power-supply/DRL-48V960W3EN

- 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

- 3-phase AC input from 340-575 Vac
- Optional 3ENA models: 600 Vac with conformal coating
- Slim and compact design
- Built-in LED indicator and DC OK relay (available on models over 480W)
- Surge protection capacity 4kV / 2kV
- Wide operating temperature -40°C ~ 70°C
- Compliant with SEMI F47
- IEC/EN/UL 62368-1/61010-1 certified

Applications



Industrial Control Panels



Cooling Distribution Units (CDU)



Green Energy Systems



EV Charging Stations