

SolaHD™ SDN-D Power Supplies

**Reliable power for
demanding conditions.**

Tested Solutions to Solve Your Toughest Challenges



Inefficient power supplies waste valuable energy, generate excess heat, shorten the lifespan of components, and increase costs with larger sizes and higher cooling demands. Many DIN rail supplies fall short in certifications and lack essential features like Fault Isolation Technology, redundancy, active power factor control, and low startup in-rush.

The industry demands power supplies that are reliable, high-performing, and maximize machine uptime and productivity. To achieve Factory 4.0, a power supply must be compact, highly efficient, and support digital communications to reduce downtime and improve processes.

SolaHD SDN-D bulk power supplies, available in 10A, 20A, and 40A versions, exceed these expectations. They deliver unmatched quality, durability, connectivity, and functionality, backed by a wide range of certifications. Choose SolaHD to power your operations and reach your business goals with confidence.



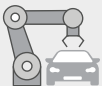
Oil and Gas

- SolaHD SDN-D DIN Rail Series offers extensive ordinary, hazardous and offshore global certifications in a reliable product to ensure safe operation in refineries and rigs around the world.



Food and Beverage

- Extremely reliable and efficient, the SolaHD SDN-D DIN Rail Series Power Supplies overcome current Food and Beverage productivity challenges with their extensive capabilities in a small footprint.



Automotive

- SolaHD SDN-D DIN Rail Series offers automotive manufacturing facilities a reliable product that will maximize machine availability while minimizing unplanned disruptions.



Petrochemical and Chemical

- SolaHD SDN-D DIN Rail Series offers chemical and petrochemical facilities a reliable product with the certifications required to run a safe operation.

SOLAHD™


EMERSON™

The SolaHD SDN-D DIN Rail Series Power Supplies by Emerson are available in 10, 20, and 40 Amp versions with 24 Vdc output. This solution offers extensive hazardous location certifications, a wide operating temperature range, and drop-in compatibility with existing power supplies. Other industry leading benefits and features of this reliable power supply series include:

Optimal reliability for harsh environments, extreme temperatures, and hazardous locations.

One of the highest efficiencies in the marketplace.

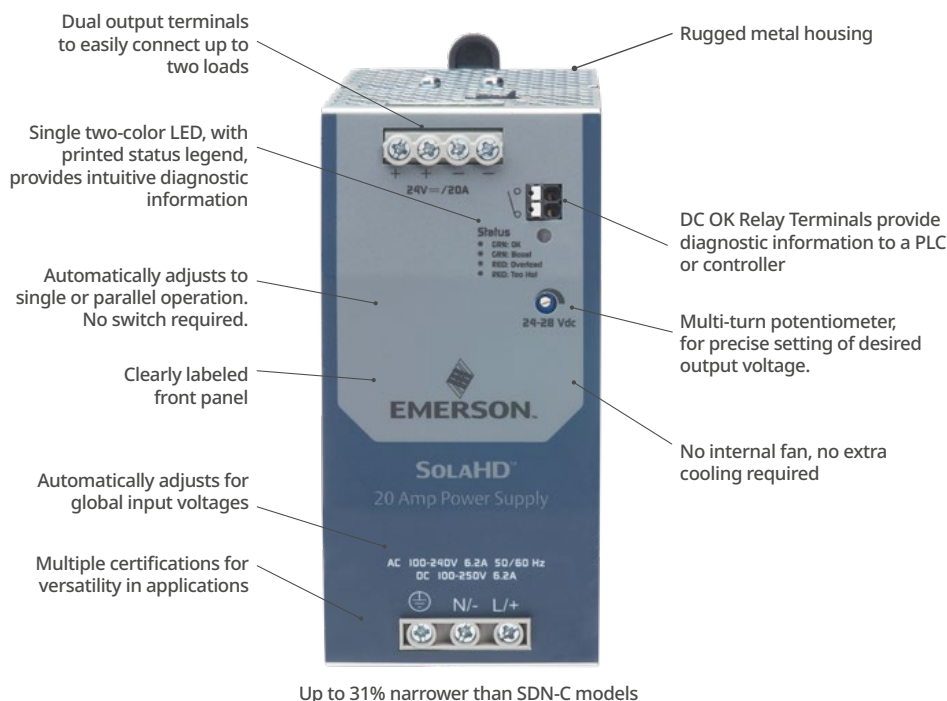
With less heat generated, enclosures stay cooler. Less impact on temperature rise inside the enclosure is critical in environments that already have high ambient temperatures. Less heat generated means less need for cooling in the panel and the ability to avoid derating.

A smaller footprint and a more compact design so they take up less panel space, allowing enclosures to be smaller and providing space for other system components within the enclosure.

Optional redundancy modules are a key component to providing the highest reliability in power supply system. They allow two power supplies to power the same load. The result is increased uptime in the event of unit failure for one of the two units.

Optional network communications for increased uptime with extensive diagnostic and maintenance capabilities through SolaHD's SCM Network Communication Modules by Emerson - Ask your local sales representative for details.

The SolaHD Difference



SOLAHD™

Learn more:
www.Emerson.com/SolaHD

