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SolaHD - New 12 Vdc Addition to the SDN-C Power Supply Family

SolaHD, a leading supplier of power quality and power conversion solutions, and a trusted brand of Emerson, is proud to introduce the new SDN 16-12-100C power supply. This addition to the high performance SDN-C Series power supply family extends the capabilities to applications requiring up to 16 Amp continuous 12 Vdc power.

The new SDN 16-12-100C provides more features in a smaller package, at the same price as the existing SDN 16-12-100P power supply. Designed for international use in harsh industrial environments, hazardous location, and off-shore applications, the new 12 Vdc power supply has all the same features and certifications as the existing SDN-C power supplies. With a compact 2.36 inches width, the SDN 16-12-100C is 27% narrower than the existing SDN 16-12-100P.

Extensive international certifications, including UL, CSA, CE, ATEX, IECEx, ExEAC, ABS, and DNV GL, ensure that the entire line of SDN-C power supplies are ideal in a wide variety of harsh environments, hazardous locations and off-shore applications worldwide. A wide operating temperature range, PowerBoost overload capability to start high inrush loads, universal AC and DC input voltage, and active power factor correction are just a few of the features that provides the versatility to power a wide variety of loads. These highly reliable units have a very high MTBF, extensive diagnostics provided by three LEDs, a relay output to provide power output status information to a PLC or other control equipment, and a potentiometer adjustable voltage output. For critical applications, two units of SDN 16-12-100C can be used in conjunction with the SDN 2X20RED Redundancy Module to provide redundant power supply operation.

Positioning Strategy

As with the entire SDN-C product line, the SDN 16-12-100C is the ideal solution for most industrial applications. With more extensive features and certifications than the existing SDN 16-12-100P, you can support a broader range of 12 Vdc applications, at the same price, and in a smaller package. The modules are ideal for a wide variety of markets and industries, including:

• Industrial Manufacturing	• Automotive
• Chemical	• Food & Beverage
• Material Handling	• Petrochemical
• Oil and Gas	• Water and Wastewater Treatment
• Power Generation	

Parts, Pricing, and Availability

The table below provides the key ordering information for this standard catalog item. Quotes and Orders can be entered NOW!!! The SDN 16-12-100P will go into phase-out status, effective October 2020. After that time, orders will be accepted only for available inventory. For customers transitioning from the existing SDN 16-12-100P to the new SDN 16-12-100C, new Quotes can be offered at the same price as current Quotes.

Sales Support Tools

The following sales support tools are available on the website to help you promote these exciting new products to your customers and sales channel:

- Catalog Pages
- Manual
- 2D and 3D CAD drawings (DWG, STP file formats)

If we can assist with any additional information, feel free to contact our Technical Services team at (800) 377-4384 or email us at solahd.technicalservices@emerson.com.
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