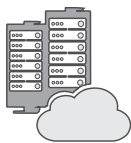# SolaHD™ SDU AC - B Series UPS

Rugged internals create an industrial solution in a compact size.

Many battery backup solutions can be too large and heavy for use in control cabinet applications. They do not have the industrial communication protocols to support that environment; nor do they offer an operational temperature range required for use inside of a cabinet. These issues lead to decrease product reliability and reduced flexibility within your applications.

You need a reliable UPS that will maximize machine availability and minimize unplanned disruptions. A UPS with a compact footprint, so you can reduce overall panel size, or put more components into an existing control cabinet. A product that delivers stable power and higher efficiency, offers network communications for diagnostics, includes notable certifications, and withstands higher operating temperatures without compromising battery performance.
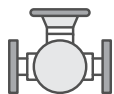
That's why the SolaHD SDU AC - B Series UPS by Emerson is the ideal choice for those who need reliable power, higher efficiencies, and extensive hazardous or offshore location certifications — helping customers improve their operations regardless of where it's put to use.

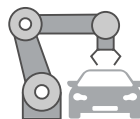## Tested Solutions to Solve Your Toughest Challenges

Data Center
- Reliable back up power for industrial applications in higher heat, non-temperature controlled environments.
- User-replacable battery reduces maintence downtime.
- Ideal for protecting HVAC systems, Automatic Transfer Switches and PLC's.

Automotive
- Manufacturing vehicles — and their 30,000+ parts — requires complex automation machinery and equipment, that depends on the availability of constant power.
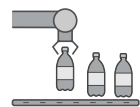- SolaHD SDU AC - B Series provides maximum machine availability while minimizing unplanned disruptions.

Oil & Gas
- The presence of flammable gases and vapors are expected in the day to day operations of refineries and rigs.
- SolaHD SDU AC - B Series offers extensive ordinary, hazardous and offshore global certifications in a reliable product to ensure safe operations world wide.

Food and Beverage
- Global players in the food and beverage industries require battery back-up for microprocessor-based and/or computer based control systems.
- SolaHD SDU AC - B Series provides ride through during brief power outages and allows for safe equipment shutdown to prevent data loss, work interruptions and equipment damage during longer outages.

For product information:
www.solahd.com
1.800.377.4384

SolaHD™

EMERSON™

CONSIDER IT SOLVED™

Innovative solution for harsh environments and hazardous locations.

The SolaHD SDU AC - B Series UPS combines an industry leading compact design with a wide operation temperature range, enhanced communication and unique installation options. Other industry leading benefits and features of this reliable UPS include:

Smaller footprint. Lighter weight. More compact design. Boasting a smaller, lighter weight footprint, the flexibility of our SDU AC - B Series provides reliable and economical power protection to critical loads in new or existing control cabinets exposed to power aberrations. The compact design allows safe and secure mounting on a DIN Rail, in a control panel or as an integrated part of an enclosure or machine. The smaller footprint provides additional space for other components within the control cabinet.

Reliable battery. Wide operation temperature range (0 °C to 50 °C) equates to an extended design lifetime, providing increased protection in high heat environments.

Optional network communications. Upgradeable solution for control equipment applications with a wide array of industrial protocols supported in one footprint and one UPS part number. It's compact and lightweight design mounts directly into the installed SolaHD SDU AC - B Series UPS for ease of installation and flexibility in your designs.

The SolaHD Difference

Field replaceable battery makes swap out simple

Rugged metal housing, Conformal coated PCB for corrosive environments

Back up support - featuring monthly battery check

Designed to meet DNV-GL, 2x Surge Impulse Line to line

Communications Card is quick and easy to install

High heat/design life 50 °C rated battery

Communication/Monitoring

Optional Network Communications
- Passive relay card with terminal block wiring
- Communications card with ethernet connections; 4 major industrial protocols installed
- Easy to install
- Does not add to footprint of UPS solution

Web Monitoring
- Standard for all models
- Website dashboard for all status and alerts
- Historical log
- SMS notification