



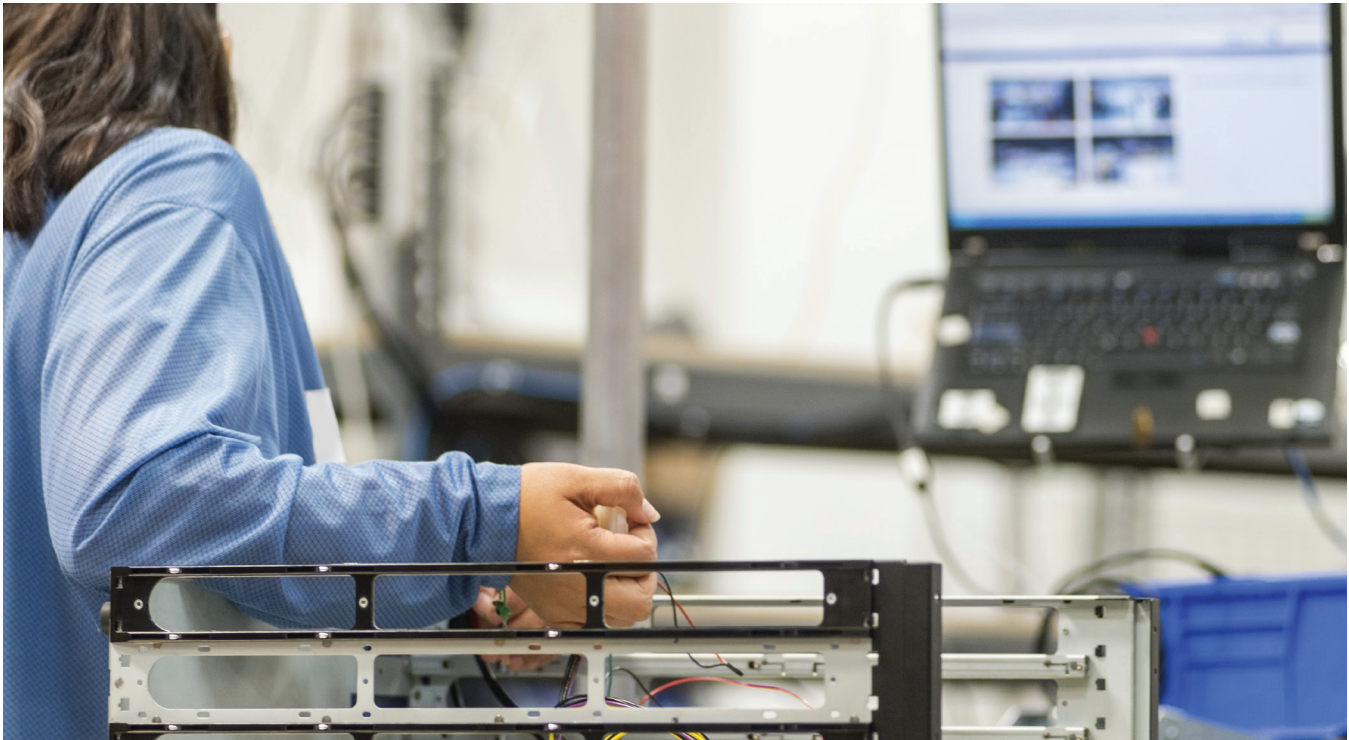
**Scalable, Fault Tolerant,  
Industrial Protection**

**SolaHD™ S5KC UPS, 5 – 20 kVA Brochure**

Understanding power protection for industrial applications.



## Versatile and dependable protection for industrial processes.



Facilities require conditioned power during normal operation and automatic battery back-up during power failures. They need a single phase UPS that protects equipment, people, and products. The ideal solution would feature a modular design that can be expanded as needed to add capacity and runtime – even while operating in the field. For durability in demanding industrial settings, requires a heavy duty design with an all metal case with tough metal bezels. Redundant components and hot swappable modules should provide fault tolerance. The UPS should be transformer based or a transformer free model and be maintainable, without having to take it off-line. Introducing Emerson’s SolaHD S5KC. Our most scalable, rugged, and dependable UPS for demanding industrial applications.

**Optional redundant modules:**

N+2/20 kVA redundancy enhances reliability, providing multiple layers of power protection for critical applications.

**No single point of failure:** When configured as redundant, the S5KC allows the load to run on conditioned power even if there is a failure of any component in the system.

**Three communication ports:**

Provide asset visibility and power optimization through flexible communications with a variety of infrastructure management solutions.

**Real time alerts:** Proactively resolve any issues before they can affect operations.

**Independently controlled maintenance and frame-level bypass:**

Maintain the S5KC in place or take it off-line without shutting down machines.

# Modular components for easy configuration, expansion and maintenance.

Emerson's SolaHD S5KC features a modular design that allows you to add, upgrade and replace components anytime, even while the system is powered. You can perform maintenance or even expand capacity without interrupting industrial productivity.



- Scale your UPS in the field by adding power or battery modules as needed from 5 to 20 kVA.
- Get capacity on demand by adding power modules in 5 kVA/4.5 kW increments, with no need to power down.
- Optional Power A/C Distribution (PAD) provides output distribution, input connection and a rotary maintenance bypass switch.
- Available in 10, 12 and 16 bay models with or without output transformer.
- Transformer free models provide flexible input and output voltages for easy integration into an OEM machine.



- 0.9 power factor for industry leading performance when running on battery power
- True on-line double conversion isolates equipment from power fluctuations while minimizing transfers to increase battery life
- Modular LCD control screen for visibility and on-machine control; can be remote mounted anywhere within 10 meters of the main cabinet
- Rugged industrial design with all-metal housing and bezels
- Metal bezels provide easy access to integral standard dust filters that snap on and off with no tools required
- Power modules, batteries, maintenance bypass and distribution housed in a single, small footprint cabinet
- Installation on raised floor, traditional flooring or in rack enclosure

# SolaHD solves your power quality problems demanding environments.



SolaHD is our premium line of power-conversion and power quality solutions products under Appleton Group, a business unit of Emerson.

**United States  
(Headquarters)**  
Appleton Grp LLC  
9377 W. Higgins Road  
Rosemont, IL 60018  
United States  
T +1 800 537 4732

**Canada**  
ECS Electrical Group Canada Ltd.  
99 Union Street  
Elmira ON, N3B 3L7  
Canada  
T +1 800 794 3766



Emerson.com



LinkedIn.com/company/emerson

Appleton Grp LLC d/b/a Appleton Group, EasyHeat, Inc. is a wholly owned subsidiary of Appleton Grp LLC. All other product or service names are the property of their registered owners. The Emerson logo is a trademark and a service mark of Emerson Electric Co. Appleton Grp LLC. All rights reserved. © 2021



**CONSIDER IT SOLVED™**