

SCALABLE, FAULT TOLERANT, INDUSTRIAL PROTECTION



SolaHD S5KC UNINTERRUPTIBLE POWER SUPPLIES, 5 – 20 KVA

SOLA^{HD}



VERSATILE AND DEPENDABLE PROTECTION FOR INDUSTRIAL PROCESSES.



SolaHD's S5KC single phase UPS protects equipment, people and products by providing conditioned power during normal operation and automatic battery back-up during power failures.

The innovative S5KC features a modular design that can be expanded as needed to add capacity and runtime – even while operating in the field. The heavy duty design features an all metal case with tough metal bezels built for durability in demanding industrial settings. Redundant components and hot swappable modules provide fault tolerance and the ability to maintain the UPS without taking it off-line. Available in transformer based and transformer free models, SolaHD's S5KC is 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.

ENERGY STAR® qualified models:

Use an average of 35% less energy: S5KC-A, S5KC-B, S5KC-C (except 5 kVA), S5KC-D (except 5 kVA), S5KC-E, S5KC-F.

MODULAR COMPONENTS FOR EASY CONFIGURATION, EXPANSION AND MAINTENANCE.

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.



EASY TO USE, ENGINEERED FOR RELIABILITY

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

PROTECT YOUR PROCESSES, MAXIMIZE YOUR PRODUCTIVITY.

Visit www.solahd.com or contact your local SolaHD representative to learn how the new SolaHD S5KC adapts to your requirements for scalability and availability.

Emerson brings integrated manufacturing solutions to diverse industries worldwide. Our comprehensive product line, extensive experience, world-class engineering and global presence enable us to implement solutions that give our customers the competitive edge. SolaHD is our premium line of power-conversion and power quality solutions products.

For over 150 years, our electrical product brands have been providing a rich tradition of long-term, practical, high quality solutions with applications ranging from the construction and safe operation of petrochemical and process plants to providing quality power that precisely controls automotive robotic production.

Engineers, distributors, contractors, electricians and site maintenance professionals around the world trust Emerson brands to make electrical installations safer, more productive and more reliable.

The Appleton Group business unit of Emerson is organized into three focused groups that provide distributors and end users expert knowledge and excellent service.

Electrical Construction Materials

This group is made up of the Appleton and O-Z/Gedney brands. They manufacture a broad range of electrical products including conduit and cable fittings, plugs and receptacles, enclosures and controls, conduit bodies and industrial and hazardous lighting. Whether the application is hazardous location, industrial or commercial, the electrical construction materials group has the products to meet your needs.

Power Quality Solutions

The SolaHD brand offers the broadest power quality line, including uninterruptible power supplies, power conditioners, voltage regulators, shielded transformers, surge protection devices and power supplies.

Heating Cable Systems

This group is made up of the EasyHeat and Nelson brands. They offer a broad range of electrical heating cable products for residential, commercial and industrial applications.

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