VERSATILE, DIRECT-MOUNT POWER FOR EXTREME ENVIRONMENTS

IP67 SCP-X POWER SUPPLIES – CLASS 2 LISTED

SOLAHD®

EMERSON™

SIMPLE VERSATILITY.
RELIABLE PERFORMANCE.
SUBSTANTIAL SAVINGS.

SolaHD IP67 SCP-X power supplies mount directly to your machine or production line, eliminating the complexity and cost of unnecessary enclosures and excess wiring.

These Class 2 Listed 24 Vdc power supplies are available in single and dual 100 Watt models – allowing you to power from one to four loads with no need to split supply circuits or run cables to a separate location.

Self-sealed in a corrosion resistant IP67 rated enclosure, these power supplies are built to withstand the harshest industrial environments. Optimum thermal management ensures dependable performance in extreme ambient temperatures. With a minimal EMI profile, the IP67 SCP-X power supplies are also designed to protect data reliability.

Choose direct-mount IP67 SCP-X power supplies for the versatility to design a simpler, more cost effective, and reliable machines and production lines. SolaHD's industrial grade power conversion products ensure reliable operation throughout your facility.

DIRECT-MOUNT
IN ANY ORIENTATION.

SUBSTANTIAL SAVINGS

IP67 SCP-X power supplies eliminate the need for a separate enclosure and all the extra wiring, terminal blocks, connectors, fuses, mounting hardware and labor required to bring power to remote devices. Just mount the power supply to your machine or production line, plug in the line and load cables, and the installation is complete.

• Mount directly on a machine, or as a freestanding element of the assembly process

• Mount in any orientation with no derating required

• Simplify connectivity of distributed I/O devices using quick-change connectors with secure coupling

• Eliminate the need for external paneling or housings to protect the power supply

SAVE UP TO 54%
Compared to the total component and labor costs of installing a traditional enclosed power supply.

SOLAHD

TWO MODELS.
ONE TO FOUR OUTPUTS.
GROUNDED OR ISOLATED.

Dual 100 Watt Model

Single 100 Watt Model

SIMPLE VERSATILITY

Free your design from power supply cabinets, long cable runs, fans and other excess components. Compact, direct-mount IP67 SCP-X power supplies offer simple versatility, so you can design a more compact and efficient machine or production line layout without the constraints imposed by power supplies housed in a separate enclosure.

SINGLE + DUAL 100 WATT MODELS

For even greater design flexibility, we offer a single 24 Vdc output and a dual 100 Watt model with four 24 Vdc outputs. You can directly power from one to four loads with a single IP67 SCP-X power supply, while maintaining a Class 2 Listing under UL 1310 Standards.
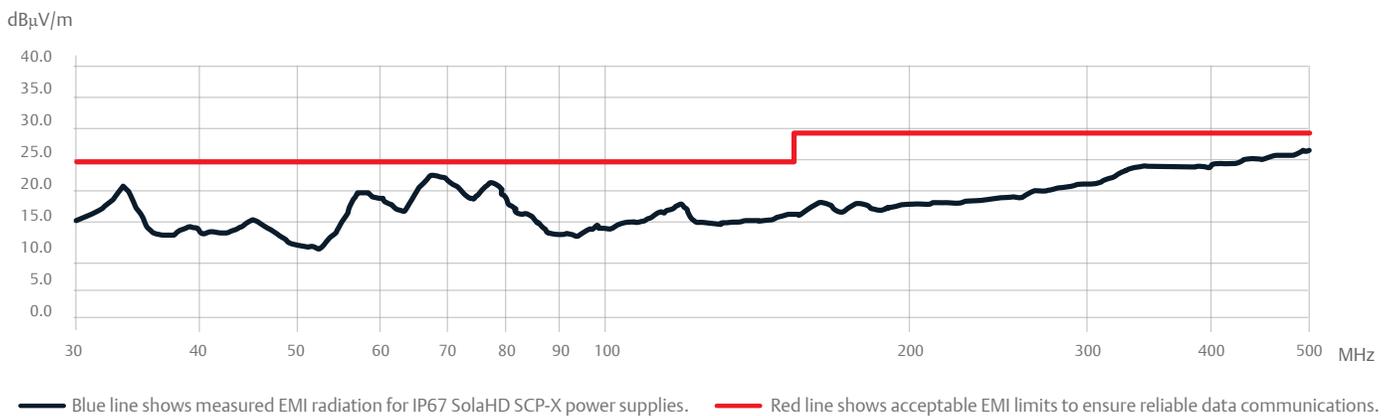
CONTROL OUTPUT OR ISOLATED OUTPUT

The IP67 SCP-X power supplies are available in a control output version for applications that require a grounded power supply, as well as an isolated output (ungrounded) version that provides isolation to prevent signal interference due to ground looping. Isolated output models are ideal for DeviceNet applications that depend on advanced data exchange on a Controller Area Network (CAN).

DESIGNED TO
BE DEPENDABLE.

RELIABLE PERFORMANCE

The new design of our IP67 SCP-X power supplies keeps signal noise and electromagnetic interference (EMI) well below the limits required to ensure reliable data communications.

dBµV/m

Blue line shows measured EMI radiation for IP67 SolaHD SCP-X power supplies.   Red line shows acceptable EMI limits to ensure reliable data communications.

Featuring a rugged, IP67 rated, self-sealed enclosure, these power supplies are designed to resist corrosion, shock and contamination in the harshest industrial settings. Efficient heat dissipation protects components to ensure reliable operation even in extreme temperatures.

- Class 2 Listed power supplies for standalone applications operate at universal 100-240 Vac input, 24 Vdc output and 3.8 Amps (per pair for dual models)

- Shock absorbing design protects internal components from damage due to vibration and impacts

- Optimized thermal layout with passive convection cooling prevents component failure due to overheating

- Improved mean time between failure (MTBF) reduces downtime and maintenance for a more cost effective and reliable machine or production line

READY TO POWER YOUR MACHINE WITH NEXT-GENERATION SIMPLICITY AND EFFICIENCY?

Visit www.solahd.com to learn more, then contact your local SolaHD representative to discuss your needs and choose the right SCP-X power supplies for your application.

SOLAHD

SolaHD is our premium line of power conversion and power quality products under Appleton Group, a business unit of Emerson Industrial Automation. SolaHD offers industrial grade products that help increase machine availability and ensure data reliability while bringing greater flexibility to the design of your machines and production line. SolaHD products improve efficiency, productivity and longevity in the most demanding industrial environments.

Emerson Industrial Automation 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.

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 Industrial Automation brands to make electrical installations safer, more productive and more reliable.

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Appleton Group is organized into three focused businesses that provide distributors and end users expert knowledge and excellent service.

ELECTRICAL CONSTRUCTION MATERIALS
This group is made up of the Appleton, Nutsteel and O-Z/Gedney brands, offering a broad range of electrical products including conduit and cable fittings, plugs and receptacles, enclosures and controls, conduit bodies and lighting for industrial and hazardous locations.

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, offering a broad range of electrical heating cable products for residential, commercial and industrial applications.

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