



SCP-C

Solid State Rectifier Cathodic Protection

Protect in-ground pipelines and storage tanks from corrosion with advanced digital Impressed Current Rectifiers for Cathodic Protection. Solcon's SCP-C Series includes a wide range of protection and measurement features. It provides the ultimate solution for continuous supervisory operation. The SCP-C is designed and built according to the stringent standards of NACE, CE and DNV.

Advanced Features

- Configurable starting & stopping characteristics
- Micro processor control
- Solcon-designed interrupter
- Input for external interrupter
- Input and output lightning protection
- Single (8/25A) or Two Phase (50/100/150A) units
- Current rating: 8, 25, 50, 100 and 150 Amperes DC all at 50V DC
- Mode of operation : Pre-adjusted Constant voltage, Constant current, Constant potential and Instant off
- Communications – GSM, control setting and feedback
- RS485 Modbus
- Satellite communication
- Water irrigation control
- GPS for time synchronization
- High resolution current and voltage adjustment
- Built in LCD display with Voltage, Current, Energy and Potential measurements
- System efficiency: 85% min
- Variety of enclosure types with built-in accessories (lightning arrestors, etc.)

Applications

- Pipelines (water, sewage, gas, crude oil etc.)
- Storage tank bases
- Water-circulating systems
- Jetties and harbor structures
- Ship tanks (product and ballast)
- Storage tanks (Fuel, oil and water)



Protection Features

- RS485 with Modbus Protocol
- Over current on the output
- Phase loss (power down)
- Over voltage on the input side (lightning protected)
- Over voltage on the output side (inductive voltage from external sources)

RMU Remote Monitoring Unit

- RS485 with Modbus protocol
- Volt, Ampere and Potential measurements
- GSM Communication
- Irrigation control
- Interrupter control with GPS time synchronization
- Optional external interrupter



Solcon Industries is a dynamic, high-tech power electronics company that remains at the forefront of design, development and manufacturing of industrial motor starting and control systems.

Solcon offers a complete range of Low and Medium Voltage Soft Starters for a wide range of standard and heavy duty applications. Solcon also manufactures industry-leading Motor Protection Relays and Control Products.

Solcon deploys advanced technology and field research to implement the highest quality criteria, guaranteeing long-term reliability to our customers. We take pride in providing custom solutions for the toughest applications including the Mining, Marine, Water, and Oil & Gas Industries.

Solcon's consistent investment in research and development, along with a strong global partner network and worldwide customer base, are the keys to our success.

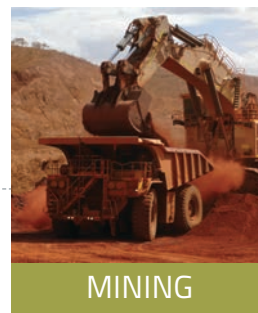
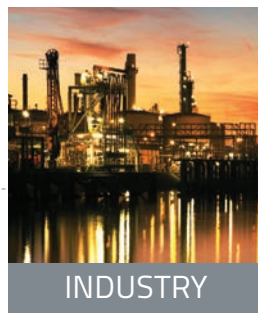
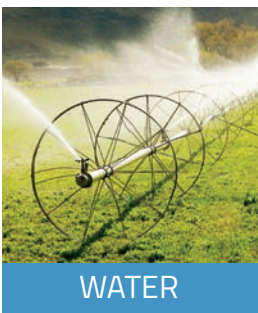
A deep understanding of the market needs and application requirements have enabled Solcon to upgrade existing product lines and introduce new, innovative solutions to the market making us a market leader.

Solcon is accredited with ISO 9001:2000. Our products are designed to meet international standards such as CE, UL, cUL, Ex, EAC, Lloyds, Germanischer Lloyds, DNV, BV, ABS, RINA, KR, NK-Class, RMRS, CCS and other approvals are also available.

Certifications & Standards



Meeting your needs across industries



For More Information

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