



MARINE APPLICATIONS



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MARINE APPLICATIONS

Why Solcon?

With Marine certified products and having earned a reputation for solid reliability, Solcon has led the innovative development and manufacturing of motor control equipment for Marine applications since 1995. Today, Solcon boasts an 80% market share and some of the top names in the industry listed among their clients; these include: ABB, Siemens, Hyundai, Mitsubishi, Toshiba, Rolls Royce, Wartsila, Terasaki and many more.

Solcon's wide range of Soft Starters from 4KW and up to a heavy duty 50MW for various Marine applications including; Thrusters, Azimuth pods, Main propulsion, Ballast pumps, Hydraulic power packs, all with the unique advantage of being able to operate smoothly during voltage and frequency fluctuations on weak generator networks.



Typical Applications

- Water & ballast pumps
- Refrigeration chillers & compressors
- Hydraulic pumps & power packs
- Thrusters
- Main Propulsion motors
- Azimuth Pods

SOLCON

Bow Thrusters - Oasis of the Seas



Special Functions for Marine applications:

- Reduced inrush current & mechanical shock
- Smooth, stepless acceleration & deceleration
- Unique Soft Starting and stopping characteristics
- Heavy duty, fully rated design
- Sophisticated motor protection
- Easy installation and operation

Solcon Product Lines for Marine:

- Up to 3MW 400-690V type tested - Marine certified Soft Starter – RVS-DN
- Up to 50MW Medium Voltage special design Soft Starter – HRVS-DN
- Motor protection with directional Ground Fault – MPR-6 DGF
- Temperature protection relay up to 14 inputs - TPR-6

Marine Standards:



*Subject to individual case approval

**Contact us for additional certifications

Extractable Thrusters - Blue Marlin



Bow Thruster - Coal Carrier



Ballast Pumps - Hamburg Express



SOLCON

WATER

OIL & GAS

INDUSTRY

MINING

MARINE



Soft Starters ■ Motor Protection ■ Power Controllers

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