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Технические характеристики на

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Seanergy 2.0



MARKET SECTORS



Seanergy 2.0

Introducing Seanergy 2.0, re-designed and improved over Saft's previous Seanergy® battery system for marine applications with higher energy density and reduced cost. The new Seanergy 2.0 battery is built using Saft's proven lithium-ion technology for a compact, maintenance-free solution in a modular design, allowing the battery system to be adapted to each user profile. The new design optimizes the system volume, simplifying retrofit for existing vessels. Built with safety at the cornerstone, Seanergy 2.0 is designed and qualified for non-propagation. It will meet the power and energy requirements of a wide variety of marine applications such as passenger vessels, ferries, cruise liners, tugboats and yachts.

Designed to support hybrid-electric and full electric ships, the Seanergy 2.0 batteries will save fuel, CO2 and reduce greenhouse gas emissions when in use. Adding to the environmental benefits, the batteries are assembled and tested in France, one of the lowest CO2 loaded countries in the world.

Features & Benefits

- Optimized battery configuration regardless of application requirements, due to a modular architecture with standardized base elements
- No additional developmental cost and time to configure customized battery solutions
- Best energy density, reduced battery space and weight
- Easy installation by shipyard/electrical integrator
- High operational reliability over thousands of cycles
- Optimized supervision strategy through remote control/diagnostic
- Very long lifetime
- Commissioning and training support packages available
- Designed for certification with Bureau Veritas, Norwegian Maritime Authority (NMA) and Det Norske Veritas (DNV)
- NMA Test 1 certification (confirms through actual testing non-propagation)
- Air cooling (no water to electronics interface)
- Exhaust vent pathway

Technical Specifications

- Nominal voltage: up to 1,060 V
- Nominal capacity: 122 Ah
- Nominal Energy (1 ESSU or Battery String): up to 112 kWh

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