

SeaQ Energy Storage Systems. SeaQ MicroGrid. SeaQ Switchgear. SeaQ Shore Connection. Contact us. Our team of experts is available for inquiries about our SeaQ products and solutions. Team of experts. Vard Group AS. P.O Box 76 NO-6001 Ålesund Norway +47 7021 0600 mail@vard . Visiting address. Skansekaia 2

The newly signed contract covers Vard Electro''s SeaQ Energy Storage System (ESS) with two battery packs and a DC link, which will be installed in the first quarter of 2022 on one of Siem Offshore's subsea construction vessels lined up for work in the wind sector.. The system will enable the vessel to operate in fully electric mode with zero emissions while ...

Vard Electro has secured an order with REM to deliver a complete SeaQ Energy Storage System package for a vessel retrofit as the shipowner is proactively upgrading its fleet with hybrid power in pursuit of greener and safer operations with lower fuel costs.. The newly signed contract covers a comprehensive SeaQ package that includes energy storage system, ...

Vard Electro"s SeaQ Communication systems optimise shipbuilding efficiency, integrating diverse maritime solutions for advanced CSOVs. ... to be deployed in the offshore energy sector has proven a prestigious project for Vard Electro that underpins its sustainability goal, while also launching a successful collaboration between yard and ...

The SeaQ Energy Storage System will be used as a spinning reserve in place of generator sets, enabling the vessel to run on fewer engines with more optimal load while still maintaining the requirement for redundancy. An added benefit with batteries is peak shaving that takes the strain off the engines during big load variations by leveling the ...

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In 2013 we launched our very own product line, SeaQ. Developed in close collaboration with our customers, our SeaQ portfolio encompasses design, integrated systems, marine electronics, and electrical systems. ... Microgrid converter with shaft generator and energy storage system; Hybrid thruster drives with energy storage system; Retrofit ...

The SeaQ Energy Management System and the SeaQ Power Management System communicate with existing control systems onboard to control and monitor the hybrid system. The batteries dispense and absorb energy through load fluctuations, which means the engines would be running at optimal load to accomplish efficiency improvements in emission ...



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The supply package for the Siem Offshore subsea construction vessel will consist of a Vard Electro SeaQ Energy Storage System (ESS), two battery packs and a DC link. Installation is scheduled for early 2022 ahead of the ship carrying out work in the wind sector. ... with control and monitoring of the battery storage solution handled by Vard"s ...

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SeaQ Energy Storage System (ESS) enable the vessels to utilize excess energy in all operating conditions, as well as simplifying the use of shore power. This can substantially reduce consumption ...

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Vard Electro will be utilizing their experience as system integrators and deliver a retrofit, deckhouse energy storage system, for hybrid battery power onboard the two platform supply vessels. The company will be responsible for the entire project which includes engineering, steel prefabrication, installation, integration, testing, and commissioning.

In august 2019, the vessel was equipped with Vard Electro's SeaQ Energy Storage System (ESS) and SeaQ Shore Connection. Stril Barents is a modern duel fuel vessel, and the installation of the SeaQ ESS and SeaQ Shore Connection will ensure that the environmental impact is reduced. Fuel consumption and emissions will be significantly reduced ...

By utilizing its long experience as a system integrator, Vard Electro will deliver a containerized energy storage system for hybrid battery power. Supporting Atlantic Towing's goal of reducing their carbon footprint the SeaQ Energy Storage System (ESS) will enable decreased fuel consumption and carbon emissions.

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Siem Offshore has ordered a SeaQ Energy Storage System (ESS) from Vard Electro. Vard Electro''s ESS includes two battery packs and a DC link which will be installed in the first quarter of 2022 on one of Siem Offshore''s subsea construction vessels lined up for work in the wind sector.

SeaQ Power including Energy Storage System; Stepping up investment for autonomous ship operations. Vard Electro aims to facilitate a new generation of larger robotic vessels with the launch of SeaQ Remote to provide centralized remote operation of automated ship control systems and deck machinery in support of lean crewing, lower costs, safety ...

Vard Electro will deliver its largest battery package to date for a vessel retrofit as the Norwegian shipowner proactively upgrades its fleet with hybrid power in pursuit of greener and safer operations with lower fuel costs.. ...

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Vard"s SeaQ energy storage system, with two battery packs and a DC link, will be installed early next year on the vessel, which is being lined up for work in the offshore wind sector. The system will allow the vessel to operate in fully electric mode with zero emissions while maneuvering in harbor or other restricted areas, with estimated ...

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Vard Electro has secured an order with REM to deliver a complete SeaQ Energy Storage System package for a vessel retrofit as the shipowner is upgrading its fleet with hybrid power. Image Credit: REM Offshore. The newly signed contract covers a SeaQ package that includes an energy storage system, drives, energy management system, and power ...

The SOV will feature a fully integrated SeaQ Energy Storage System Solution in combination with SeaQ Integrated Automation System (IAS), SeaQ Power Management system (PMS), SeaQ Energy Management System (EMS), and SeaQ Green Pilot (energy monitoring system) for improved operational performance and reduced environmental footprint. ...

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SeaQ Microgrid is suitable for deployment on all types of vessels where there is a need to connect alternative energy sources or facilitate variable speed on power sources. As a compact solution it particularly suits smaller vessels with a single cluster on ...

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