

What is durapower & est floattech?

Durapower Group strives to make scalable, sustainable batteries that support the circular economy, empowering lives and transforming the future towards a carbon neutral economy. EST-Floattech (2009) is specialized in developing, producing, and installing reliable, sustainable, and safe battery systems for maritime applications.

Who is est-floattech?

As one of the world's strongest developers and suppliers of maritime ESS, EST-Floattech engineers battery solutions applicable in different markets. We develop and supply energy storage solutions for maritime applications worldwide from our HQ and Production Centre in Badhoevedorp (the Netherlands) and office in Hamburg (Germany).

Why should you choose est-floattech battery systems?

Across varied segments of the maritime industry, EST-Floattech battery systems are renowned for their quality, reliability, and safety. Our systems are designed based on our safe by design philosophy. Our systems have DNV, Bureau Veritas and Lloyd's Register type approval, which ensures the reliability of our systems

EST-Floattech supplies batteries to Rolls-Royce in an order for nine battery hybrid ferries. Under an agreed framework contract, EST-Floattech will supply its "Green Orca 1050"-series battery modules as part of Rolls-Royce's propulsion contract to outfit nine ferries for Italian operator Liberty Lines.. Each of the modules has a 10.5 kWh capacity, with the total outfitting contract ...

Once you decide on an EST-Floattech ESS, you will be guided through all phases of the project by the project team. From the first calculations and designs to the onboard testing, installation, and delivery of your batteries, we are there to assist, execute, and explain. This way, we ensure successful sea trials and operations by working in ...

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EST-Floattech delivers the complete ESS package to Hagland "Pioneer". System integrator Hoogendijk Electric has contracted EST-Floattech to support them with the design for the complete Battery System for a Norwegian newbuild: the third Hybrid Coaster for Hagland's "Pioneer". Currently being built at the Royal Bodewes shipyard, it is due for delivery halfway ...

EST-Floattech has a proven track record with multiple projects in the inland waterway segment. Besides that we have a deep understanding of the integration challenges vessels might face, and to ensure a successful

integration of our batteries, we support our customers throughout the entire project, from design to trials runs.

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EST-Floattech is very proud to supply the Green Orca 1050 batteries used in the vessels, which provide more than 2.5 MWh in total of Lithium-Ion Polymer NMC Energy Storage. This is the first time that Rijkswaterstaat has commissioned such multi-functional and energy-efficient vessels. The MPV 30s are each equipped with EST-Floattech's Green ...

Energy storage of EST-Floattech for plug-in hybrid ferry of Schlepp- und F&#228;herschiffahrt Kiel (SFK) The vessel name will be Gaarden and is the first new generation hybrid ferry of 32m long and 8m wide. The hybrid ferry will be ...

EST-Floattech as the Incentive Provider Green Award is a quality mark for ships that meet high environmental and safety requirements. The companies that have been recognised for their efforts with a Green Award certificate receive various incentives, such as discounts on port fees and on a range of other products and services.

For the retrofitting journey of inland vessel the "FPS Maas" batteries of EST-Floattech will be used. On the way to zero-emission marine transportation, EST-Floattech is a part of the innovative FPS Maas retrofit project from Future Proof Shipping and Holland Shipyards Group. Both companies are actively working on sustainable projects, where HSG builds or ...

The second in line of the fleet of V&#228;sttrafik with batteries from EST-Floattech. Another electric ferry is set to join the fleet of V&#228;sttrafik, the organization responsible for public transportation in the port city of Gothenburg, Sweden, running a route across the Gota Alv river in 2022. The battery-electric vessel is to be built by the ...

EST-Floattech Delivers Octopus Series Energy Storage Solution to Holland Shipyards Group for SFK Ferry "Laboe" Inland Shipping Containerized Solution for KOTUG's E-Pusher 1 . Ferries & River Cruises EST-Floattech supplies Octopus battery system for "Anna Carolina" ...

EST-Floattech. Projects The process Consultancy services Service & Support. Products. Octopus series Octopus high energy Octopus high power Octopus lite Containerized solutions. Markets. Ferries & River Cruises Yachting Inland ...

Woods" Silver Fleet (est.1947) is a family run company comprising three luxury "river yachts" for private charter, Silver Sturgeon, Silver Barracuda and Silver Darling. Each vessel has been designed especially for the Thames and built in the UK by the Woods.

Batteries onboard of electric ferry in Sweden. Next in line in the electrification of ferry traffic is the Elvy, owned by V&#228;sttrafik. Two battery packs, each 504 kWh, of our DNV approved Green Orca 1050 are

installed.

The basis of the newly developed hybrid system is the battery package, consisting of 242 DNV approved GO1050 modules with a total capacity of 2.5MWh, delivered by EST-Floattech, as well as three maritime fuel cell systems (NT-PEMFC, 100kW peak power each).

EST-Floattech is a Dutch energy technology company that develops and supplies DNV-GL certified lithium-ion battery systems for maritime and land-based applications. With a vast track record across continents, EST-Floattech is one ...

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