

# **Wärtsilä enters solar container battery market**





## Overview

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Wärtsilä has launched Quantum2, a fully integrated high-capacity battery energy storage system designed and optimized for global large-scale deployment. Quantum2 features include: Streamlined design enables more compact layouts at high site energy densities. Wärtsilä Energy Storage is driving the transition to a 100% renewable energy future. We combine time-tested technology with deep grid expertise, helping customers and the energy sector accelerate global decarbonisation. Our utility-scale energy storage seamlessly integrates with critical energy. ESN Premium speaks with Wärtsilä Energy Storage and Optimisation's (ES&O) director of strategic market development, Adam Atkinson-Lewis, on the company's battery energy storage technology, its domestic content strategy and the future of energy storage in the US. Finland-headquartered Wärtsilä. Quantum 3 battery energy storage solution from Wartsila works as an AC block and is ideal for utility-scale customers. Battery energy storage system from Wartsila. Wartsila Corporation A new generation of grid-level battery energy storage systems (BESS) developed by Finnish company Wärtsilä is. From ship engines to smart batteries, 190-year-old Wärtsilä has reinvented itself as an energy storage powerhouse with lightning-fast speeds. Could you give us a bit of a backstory to Wärtsilä?

How big is the energy storage market globally, and where are you seeing the most growth?

Can you give us. Finland | Sweden - 27 August 2025 - In a groundbreaking stride towards sustainable maritime operations, technology group Wärtsilä has been selected as the electrical integrator for an ambitious battery capacity expansion project on Wasaline's ROPAX ferry 'Aurora Botnia'. This project will elevate. Technology group Wärtsilä has been selected as the electrical integrator for a major battery extension project for the Wasaline ROPAX ferry 'Aurora Botnia'. The project will increase the ship's battery capacity by 10.4 MWh, from 2.2 MWh to 12.6 MWh, making it the world's largest marine battery.



## Wärtsilä enters solar container battery market



### Finnvera guarantees Wärtsilä's battery storage system deliveries for

Wärtsilä's battery storage systems (BESS) for Enel S.p.A. solar and wind power plants in the United States (Texas) and Chile. Guarantee Holder: Citibank Europe plc, UK Branch Exporter: Wärtsilä Oyj ...

### Wärtsilä: US policy upheaval could benefit Italian ...

Wärtsilä: US policy upheaval could benefit Italian battery market Adam Atkinson-Lewis, from the Finnish energy storage provider, discusses ...



### Wärtsilä Is Bringing Battery Storage And Backup Power to Market

Origin Energy and Wärtsilä are teaming up to deliver one of Australia's most significant energy storage projects -- 460 megawatts and 920 megawatt hours, which could expand to 700 ...

## Wärtsilä Energy 2025

Wärtsilä at the forefront of research and development Wärtsilä's Sustainable Technology Hub (STH) fosters innovation, collaboration, and production of green technologies. In the Technology Hub, we ...



### **In Conversation: Wärtsilä's strategy of concentration**

While many players in the battery energy storage space endeavor to spread out across the globe, Finnish BESS integrator Wärtsilä ES& O is looking to take a more measured approach and ...



### **Wärtsilä and Eolian complete 200 MW standalone ...**

The facility is also first-of-its-kind financed with the Investment Tax Credit to provide critically needed dispatchable resource to meet urgent and ...



### **Finnvera guarantees Wärtsilä's battery storage system ...**

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## Wärtsilä: US policy upheaval could benefit Italian battery market

Wärtsilä: US policy upheaval could benefit Italian battery market Adam Atkinson-Lewis, from the Finnish energy storage provider, discusses Italy's forthcoming Energy Storage Capacity ...



## A swappable battery container for zero emission inland waterway

This video shows how Wärtsilä's swappable battery container came about - from the design phase to commissioning. A new era when it comes zero emission inland waterway shipping.

## Wärtsilä navigates the future of energy storage in the US

With the energy executive order that came in from Donald Trump, what does that look like in practice, and how is Wärtsilä approaching it? We are paying a lot of attention to it, waiting for ...



## Milliseconds Matter: How Wärtsilä's Battery Tech Is ...

Milliseconds Matter: How Wärtsilä's Battery Tech Is Reinventing Grid Reliability From ship engines to smart batteries, 190-year-old Wärtsilä has ...





## Wärtsilä enters Dutch energy market to supply the country's largest

The order was booked to Wärtsilä order intake in December 2021, and the system is expected to become operational in October 2022. The Wärtsilä energy storage system, called the ...



## Wärtsilä Oyj : Wärtsilä to provide energy storage system for Tampa

Technology group Wärtsilä will supply a 15-megawatt / 30-megawatt hour energy storage system to Tampa Electric Company, which will be co-located with a 25 MW solar plant in Dover, ...

## Wärtsilä enters South American energy storage market ...

The technology group Wärtsilä will supply an 8-megawatt (MW) / 32-megawatt hour (MWh) energy storage system to Colbun, one of the largest ...



## Container-shaped grid-level energy storage system is the smartest yet

A new generation of grid-level battery energy storage systems (BESS) developed by Finnish company Wärtsilä is smarter, safer, and more sustainable than its predecessors, the ...



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