

Manufacturer of 50kW Solar-Powered Container Ships for Ports





Overview

Dutch solar innovator Wattlab and German inland shipping giant HGK Shipping have teamed up to launch the world's first hybrid solar-powered inland vessel as part of an ambitious initiative to decarbonize inland waterway transport. Can solar power a container ship?

They designed a solar and battery tech stack that can completely power a container ship at standard operating speeds. The transition to cleaner fuel is just one way to decarbonize the shipping industry. New retrofit technologies are emerging that can significantly reduce shipping emissions with less wait time.

Can solar power be used in inland shipping?

For the first time in inland shipping, solar energy can be transferred directly to the vessel's drivetrain, advancing clean propulsion technology. The Blue Marline is the first inland shipping vessel capable of hybrid sailing with solar power. Wattlab.

Is Voltic a good company to build a cargo ship?

Voltic is leading the way. Voltic is building electric cargo ships that are zero-emission and 3x more profitable than existing ships. They designed a solar and battery tech stack that can completely power a container ship at standard operating speeds. The transition to cleaner fuel is just one way to decarbonize the shipping industry.

What is a 'future fuel ready' vessel?

It was officially christened during a ceremony that took place in the city of Hamburg in Germany on July 3. The vessel combines a powerful diesel-electric 'Future Fuel Ready' propulsion system, low-water optimization, and SEAFAR technology for remote-controlled navigation.



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Solar Container , Large Mobile Solar Power ...

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First Solar Powered Inland Shipping Vessel

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World's first inland solar ship to glide on sun power with 192 ...

Jul 8, 2025 · The world's first solar cargo ship which consists of 192 solar panels has recently been launched in Europe.

Sailing into the Future: World's First Hybrid Solar Cargo ...

Aug 4, 2025 · The vessel runs on a dual-engine system: one low-emission methanol-powered engine and one electric motor powered by solar energy and battery reserves. This hybrid ...

Solar-Powered Outdoor Container BESS 50KW 100kWh ...

Key attributes Battery Type LiFePO4 Grid connection Off grid, Hybrid grid Model Number MECC150-3 Brand Name MECC Place of Origin Zhejiang, China Dimension (L*W*H) ...

World's First Hybrid Solar-Powered Inland Cargo Vessel Sets ...

Jul 17, 2025 · German inland shipping operator HGK Shipping, in partnership with Dutch solar technology firm Wattlab, has introduced the Blue Marlin, the world's first inland cargo ship to ...

Blue Marlin Becomes World's First Hybrid ...

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The Blue Marlin, World's First Hybrid Solar-Powered Inland Cargo Ship

Jul 12, 2025 · The Blue Marlin's solar system is fully connected to its engine, making this ship more powerful and efficient. The ship uses smart technology that manages energy ...

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Voltic

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Blue Marlin Becomes World's First Hybrid Solar-Powered Cargo Ship

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World's First Solar-Powered Ship Arrives , World Ports ...

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Jul 8, 2025 · The world's first solar cargo ship which consists of 192 solar panels has recently been launched in Europe.

First Solar Powered Inland Shipping Vessel

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The Blue Marlin, World's First Hybrid Solar ...

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Mobile Solar Container Systems , Foldable PV ...

What is LZY's mobile solar container? This is the product of combining collapsible solar panels with a reinforced shipping container to provide a ...

Overview of Ports' Sustainable & Shore Power ...

Feb 3, 2023 · This typically excludes vessel emissions and focusses on Scope 1/2 port operations only. A significant portion of ports around the ...

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