

Container ships equipped with solar power generation





Overview

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.

Does HGK ship have solar panels?

HGK Shipping, which operates a fleet of 350 vessels across Europe's waterways, has teamed up with Dutch maritime solar specialist Wattlab to deliver this innovative project. The Blue Marlin is now equipped with 192 solar panels designed to power both the vessel's onboard systems and, crucially, its high-voltage electric propulsion.

Is solar technology a viable solution for inland cargo vessels?

Solar technology, long viewed as limited to land-based or small-scale maritime uses, is proving its viability even on large inland cargo vessels. Wattlab, for example, has been developing scalable solar solutions not just for inland shipping but also for coastal and seagoing vessels.

Is this Solar Ship the future of river travel?

"This Solar Ship Is the Future of River Travel," Declares Visionary Engineer as 192 Sun-Powered Panels Drive the World's First Inland Marvel



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[The Blue Marlin, World's First Hybrid Solar ...](#)

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 ...

Blue Marlin

5 days ago · Blue Marlin, has become the world's first inland shipping vessel capable of hybrid sailing with solar power. This achievement marks a ...



Blue Marlin

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Inland cargo vessel to be first in world to use solar power ...

Jul 15, 2025 · An array of panels will be used to directly power an inland cargo vessel's propulsion systems, allowing a diesel generator to be switched off and even "solar sailing" when



travelling ...



"This Solar Ship Is the Future of River Travel," Declares ...

Jul 11, 2025 · ? A collaboration between Wattlab and HGK Shipping led to the creation of this groundbreaking solar-powered vessel. ? The ship's innovative energy system is expected to ...

[World's first inland solar ship to glide on sun ...](#)

Jul 8, 2025 · World's first hybrid solar cargo ship to sail with 192 panels for 37,500 kWh power yearly For the first time in inland shipping, solar ...



[Manufacturers unveil first-of-its-kind cargo ...](#)

Aug 22, 2025 · The ship, developed and launched by Dutch solar company Wattlab and German inland shipper HGK Shipping, debuted in July, ...



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World's First Hybrid Solar-Powered Inland Cargo Ship ...

Jul 12, 2025 · Dutch marine solar developer Wattlab has equipped HGK Shipping's inland cargo ship, The Blue Marlin, with a groundbreaking solar energy system. This vessel is the world's ...

World first claimed for hybrid solar-powered inland shipping ...

Jul 8, 2025 · The solar energy systems of the Helios and the Blue Marlin differ in one critical aspect. Unlike the Helios, where solar energy was used exclusively for low-voltage onboard ...



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[First Solar Powered Inland Shipping Vessel](#)

Jul 9, 2025 · The Blue Marlin, an inland cargo vessel equipped with 192 solar panels, docked at De Gerlien van Tiem shipyard. The vessel is the first ...



[World's First Solar-Powered Ship Arrives](#)

Jul 22, 2025 · Recently, the world's first hybrid bulk carrier with solar propulsion capability, the "Blue Marlin," made its official debut in Hamburg, Germany. This inland vessel, jointly ...



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