

Inland river vessels equipped with solar power generation

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 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.

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.

What is a hybrid sailing vessel?

The vessel's hybrid sailing capability ensures a seamless transition between solar and diesel power, optimizing performance and reducing environmental impact. The vessel was expertly christened in Hamburg, marking a new chapter in inland shipping.

In a world first, an inland cargo vessel is capable of "hybrid sailing" with solar power. The Blue Marlin is equipped with over 190 solar panels. Dutch maritime solar innovator Wattlab ...

The vessel, named Blue Marlin, is equipped with 192 solar panels that supply power to both the onboard systems and the vessel's high-voltage propulsion system. This makes the Blue Marlin ...

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 use ...

Blue Marlin, has become the world's first inland shipping vessel capable of hybrid sailing with solar power. This achievement marks a significant milestone in the industry's quest for greener ...

The Blue Marlin, the first hybrid inland navigation vessel powered in part by solar energy, sails the European waters as a symbol of innovation and environmental commitment. Equipped with ...

The Blue Marlin, an inland cargo vessel equipped with 192 solar panels, docked at De Gerlien van Tiem shipyard. The vessel is the first inland shipping vessel capable of using solar power ...

World's first hybrid solar cargo ship to sail with 192 panels for 37,500 kWh power yearly For the first time in

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IN A NUTSHELL ? The Blue Marlin is the first inland vessel to directly use solar power for propulsion, revolutionizing sustainable shipping. ? A collaboration between Wattlab and HGK Shipping ...

In what's presented as a significant technical milestone for sustainable inland shipping, the vessel's 192 solar panels will provide power to both the onboard and propulsion systems, making the ...

The Blue Marlin is equipped with 192 solar panels, generating up to 35 kW under optimal conditions. This power supports the vessel's electric drive system and hotel load, making it the first ...

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