

# Solar power generation for inland cargo ships



## Overview

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The inland shipping sector has reached a significant milestone with the launch of the Blue Marlin, the world's first cargo vessel capable of using solar power directly for propulsion. For the first time in inland shipping, solar energy can be transferred directly to the vessel's drivetrain, advancing clean propulsion technology. 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. Dutch maritime solar innovator Wattlab has delivered a solar energy system for HGK Shipping's inland shipping cargo vessel Blue Marlin.

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### [HGK Launches First Inland Cargo Vessel Capable of Sailing With Solar Power](#)



A newly built inland dry goods vessel, Blue Marlin, was named last week in Hamburg, Germany, and became the world's first hybrid solar-power inland shipping vessel, as well as ...

### [World first claimed for hybrid solar-powered inland shipping vessel](#)

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 first hybrid inland solar-powered ship takes sail , Maritime](#)

The ship is the first hybrid solar-powered inland transport vessel in the world, with 192 sun panels that power its high-voltage propulsion system and onboard systems.



### ["This Solar Ship Is the Future of River Travel." Declares Visionary](#)

In a groundbreaking shift towards sustainable maritime transport, the Blue Marlin debuts as the world's first inland vessel to harness solar power directly for propulsion, setting a new ...



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[Blue Marlin Becomes World's First Solar-Powered Inland Cargo Vessel](#)

The solar system on the Blue Marlin is more advanced. Unlike the Helios, the Blue Marlin's solar power setup is fully integrated, meaning it supports both low-voltage systems (like lighting and ...



[World's first inland solar ship to glide on sun power with 192 panels](#)

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



[First hybrid solar-powered inland shipping vessel begins operations](#)

Equipped with 192 solar panels, the Blue Marlin is set to revolutionize inland cargo transport by utilizing renewable energy efficiently. The launch of the Blue Marlin marks a pivotal ...



[Inland cargo vessel to be first in world to use solar power directly](#)

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 ...



[First Solar Powered Inland Shipping Vessel](#)

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[A review of the applications of solar photovoltaic in marine vessels](#)

According to the study's results, integrated solar PV systems could reduce crew workload, enhance safety, increase ship energy range, and influence the design of new types of ...



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