

Solar-Powered Container Hybrid for Port Use





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 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.

How many solar panels does the blue marlin have?

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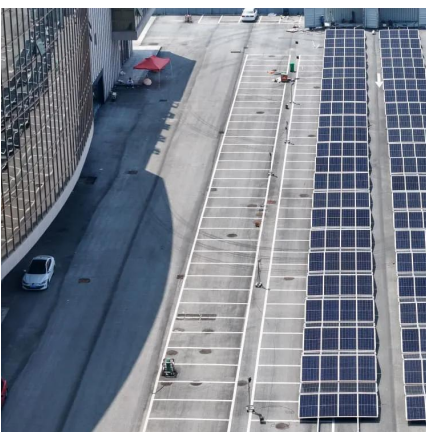


Solar Shipping Container

Types of Solar Shipping Containers A solar shipping container is a repurposed or specially designed steel container integrated with solar photovoltaic (PV) panels to generate renewable ...

[World's first hybrid solar-powered inland vessel launched](#)

Jul 8, 2025 · Wattlab has delivered a solar energy system for HGK Shipping's inland shipping cargo vessel Blue Marlin. 192 solar panels will provide power to both the onboard and ...



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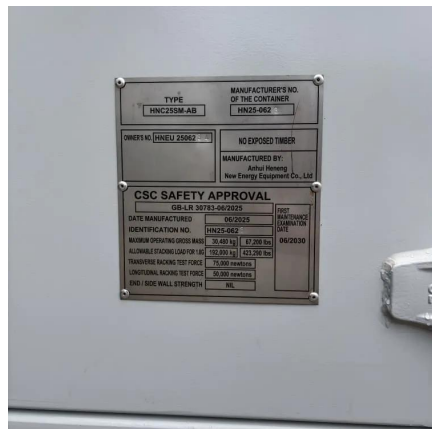
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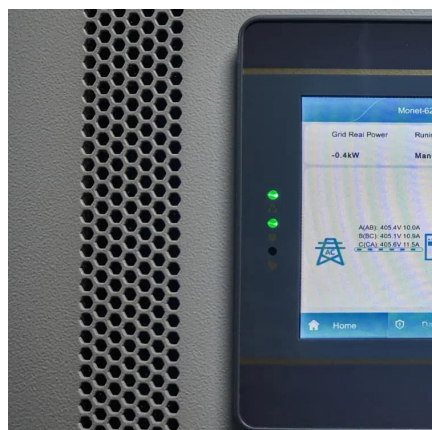


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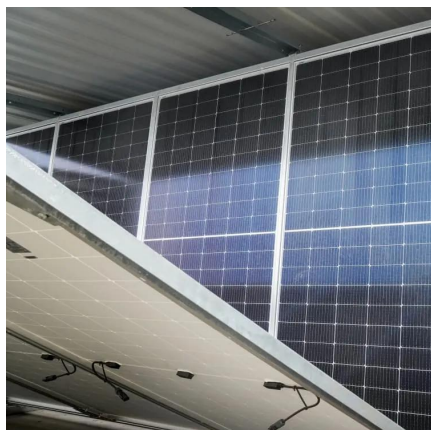


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