

## PEES Power Systems

# Solar container ship



## Overview

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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. For the first time in inland shipping, solar energy can be transferred directly to the vessel's drivetrain, advancing clean propulsion technology. Voltic is building electric cargo ships. Meet MV Vertom Tula, a brand-new diesel-electric multi-purpose cargo ship that instantly catches the eye with its massive solar power system. Officially christened in Hamburg on July 3.

## Solar container ship

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

With 192 solar panels installed, the Blue Marlin can generate up to 37,500 kilowatt-hours (kWh) of electricity each year. For the first time in inland shipping, this solar energy is not only used ...

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### **World's First Solar-Powered Ship Arrives**

Amid growing global pressure to reduce maritime carbon emissions, this "sun-powered" bulk carrier undoubtedly injects a beam of clean and steadfast sunlight into traditional shipping.



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### **Manufacturers unveil first-of-its-kind cargo ship that could**

The ship, developed and launched by Dutch solar company Wattlab and German inland shipper HGK Shipping, debuted in July, according to Interesting Engineering. It is the first vessel to ...

## HGK Launches First Inland Cargo Vessel Capable of Sailing With Solar ...

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 ...



## This Hybrid Cargo Ship Boasts One of the Most Innovative Solar ...

MV Vertom Tula is yet another remarkable piece of green shipping innovation coming from the Netherlands. The vessel itself is the newest to join the fleet of Dutch operator Vertom, and the ...

## "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 ...



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



## Launched

This vessel is the world's first hybrid solar-powered inland transport ship, featuring 192 solar panels that power its propulsion system and onboard operations, marking a significant ...

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### 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 ...



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### Navigating Tomorrow with Autonomous, Solar-Powered Container Ships

Imagine a revolutionary vision of the maritime industry: autonomous, solar-powered container ships that blend cutting-edge engineering with environmental stewardship. These ...



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