



# What are the new solar container lines

<div class="df\_qntext">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

<div class="df\_qntext">What is a solar container?

Our Solar Containers are designed in a way to maximize ease of operation. It's not only meant to transport PVs but also to unfold them on site. It is based on a 20' sea container. The efficient hydraulic system helps quickly prepare the Solar to work. Because of their construction, our containers offer unmatched flexibility and mobility.

<div class="df\_qntext">Can solar panels be installed on seagoing ships?

Netherlands-based Wattlab offers SolarDeck, a modular and scalable deck-mounted solar system that can be installed on seagoing ships. Established in 2017, Wattlab initially focused on inland shipping with its Solar Flatrack product, a movable and stackable modular system integrated with solar panels and inverters.

<div class="df\_qntext">Can solar panels save energy in maritime shipping?

Using solar PV solutions to generate electricity can reduce the consumption of fossil fuels and CO<sub>2</sub> emissions in maritime shipping. Netherlands-based Wattlab offers SolarDeck, a modular and scalable deck-mounted solar system that can be installed on seagoing ships.

<div class="df\_qntext">Does blue marlin use solar?

The hybrid solar setup builds on the earlier success of MS Helios, another HGK vessel equipped with Wattlab solar panels. However, while Helios uses solar only for low-voltage onboard systems, Blue Marlin raises the bar with full propulsion integration, earning it the prestigious Gold Green Award for sustainable vessel design.

<div class="df\_qntext">Can a cargo ship store a solardeck?

However, we also know - for cargo shipowners especially - that 'space is money'. In the event of a deck load such as offshore wind blades, the ship's crew can store the SolarDeck inside the volume of a 20-foot container, thus freeing up the deck for cargo," says Wattlab CEO Bo Salet.

This is a modular solar energy system consisting of movable and stackable integrated solar panels and inverters. To date, Wattlab's SolarHatches have been installed on more than 25 ...

This is a list of the 30 largest container shipping companies as of March 2025, according to Alphaliner, ranked in order of the twenty-foot equivalent unit (TEU) capacity of their fleet. [1] In January 2022, ...

Representing a major technical milestone and step forward for sustainable inland shipping, the vessel's 192



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solar panels will provide power to both the onboard and propulsion ...

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We are a professional manufacturer of integrated solar container systems. SolaraBox solar containers enable customers to achieve greater energy independence and reduce carbon emissions. By ...

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 propulsion systems, ...

Another big advantage is the automatic conveyor system, which retracts all PV panels back to their original transport position and thus assumes a safe position in the event of imminent bad weather. ...

Shipping containers can be converted into solar-powered, self-sufficient homes, ideal for off-grid living and reducing energy costs. This article covers how to install solar panels on ...

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