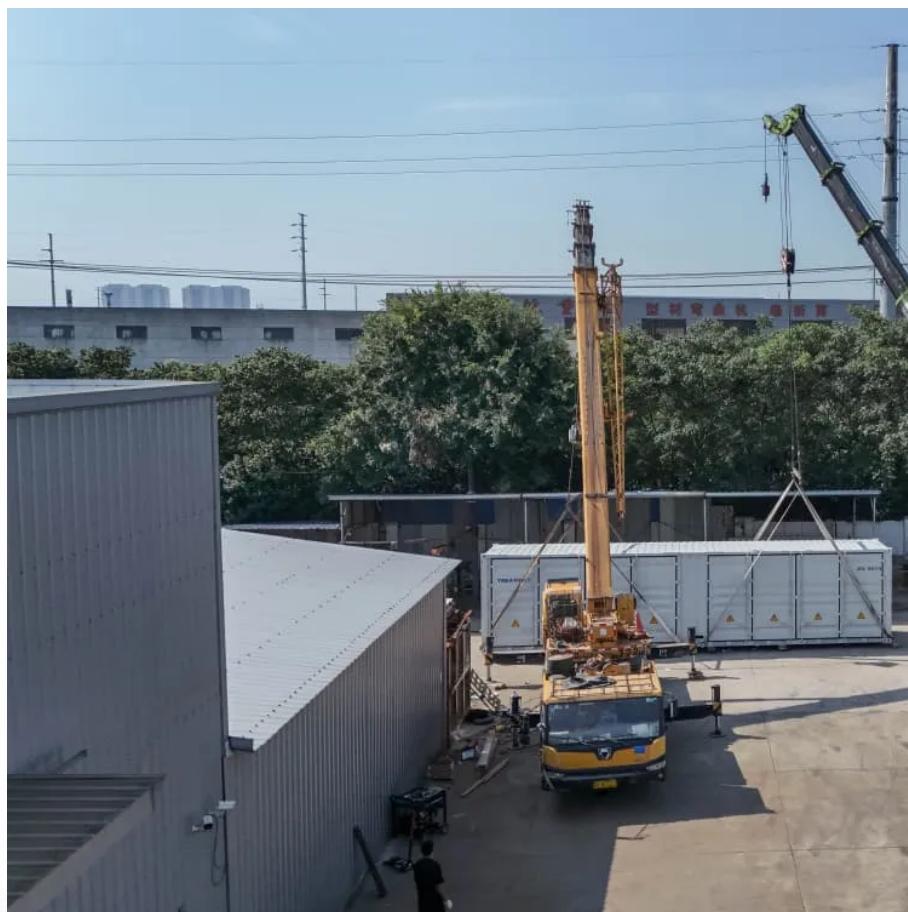




GETON CONTAINERS

# 30kW Solar-Powered Container Ships in Libya





## Overview

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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 this Solar Ship the future of river travel?

"This Solar Ship Is the Future of River Travel," Declares Visionary Engineer as 192 Sun-Powered Panels Drive the World's First Inland Marvel.

How do shipping companies use solar energy?

Shipping companies are also exploring innovative designs, such as solar sails and solar-assisted propulsion, which leverage both wind and solar energy for optimal efficiency.

Can solar energy be used in maritime transport?

The widespread adoption of solar energy in maritime transport faces significant hurdles. Financially, the initial cost of solar installation and retrofitting existing fleets with solar technology presents a steep barrier, with expenses ranging into the millions depending on the size and type of vessel.



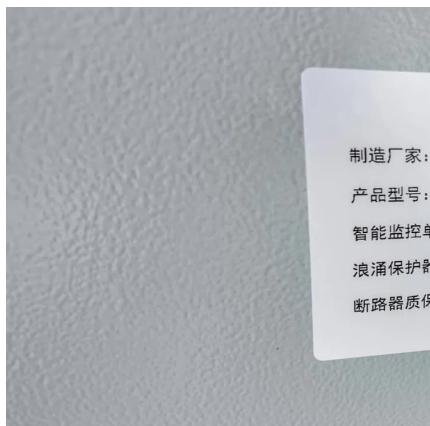
## 30kW Solar-Powered Container Ships in Libya



### [Inland cargo vessel to be first in world to use ...](#)

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 downstream.

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World's first hybrid solar cargo ship to sail with 192 panels for 37,500 kWh power yearly For the first time in inland shipping, solar energy can be transferred directly to the vessel's

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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 ...



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In a bold step towards decarbonizing one of the world's most polluting sectors, the world's first hybrid solar-powered cargo vessel is set to set sail--offering a blueprint for the ...

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## **The Blue Marlin, World's First Hybrid Solar-Powered Inland Cargo Ship**

The Blue Marlin became the world's first hybrid solar-powered inland cargo ship. The ship uses a system that combines solar power with fuel. It has 192 solar panels that ...

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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 ...

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## Photovoltaics for cargo ships - pv magazine ...

A PV system has gone into operation on a new cargo ship developed by HGK Shipping and Salzgitter AG, supplying power directly to the vessel's propulsion system. A total of 192 solar modules

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## Solar Energy in Maritime Transport

In recent years, the concept of solar-powered ships has moved from theoretical design boards into tangible reality. Innovations in solar technology, including high-efficiency photovoltaic cells and ...

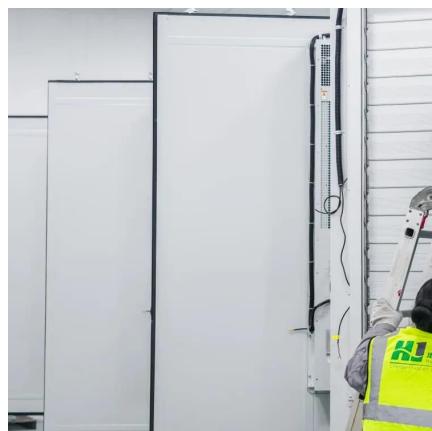
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## The Blue Marlin, World's First Hybrid Solar ...

The Blue Marlin became the world's first hybrid solar-powered inland cargo ship. The ship uses a system that combines solar power with fuel. It has 192 solar panels that generate electricity to run the ship's ...

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## First Solar Powered Inland Shipping Vessel

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 directly for propulsion systems.

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