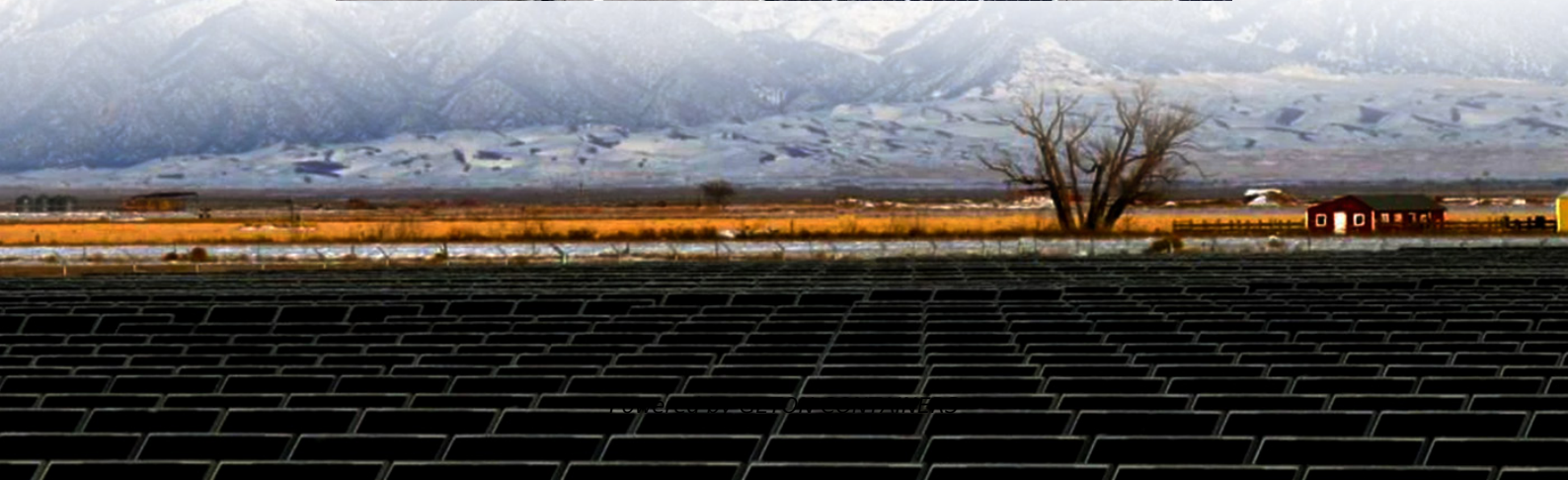


# **Manufacturer of 50kW Solar-Powered Container Ships for Ports**





## Overview

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What is the world's largest electric container ship?

Chinese state-owned company COSCO Shipping has launched what it calls the “world’s largest” river-to-sea electric container ship. The Green Water 01 is a 10,000-ton+ fully electric vessel that sets a new benchmark in sustainability in the marine logistics industry.

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.

What is the green water 01 electric container ship?

COSCO Shipping says the Green Water 01 electric container ship presents multiple firsts for the marine industry, including total length, width, container capacity, deadweight tonnage (10,000 tons), and battery capacity (50,000+ kWh).

How many batteries does a COSCO Container ship use?

Speaking of batteries, the electric container ship is powered by a large-capacity battery combining for over 50,000 kWh. However, COSCO says the number of battery modules can be configured depending on the length of the voyage at sea.



## Manufacturer of 50kW Solar-Powered Container Ships for Ports

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### [Blue Marlin Becomes World's First Hybrid ...](#)

Dutch solar technology company Wattlab and Germany's HGK Shipping have unveiled the Blue Marlin, the world's first hybrid solar-powered inland cargo vessel. Officially christened in Hamburg on July 3. The 86 ...

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Dutch solar technology company Wattlab and Germany's HGK Shipping have unveiled the Blue Marlin, the world's first hybrid solar-powered inland cargo vessel. Officially ...

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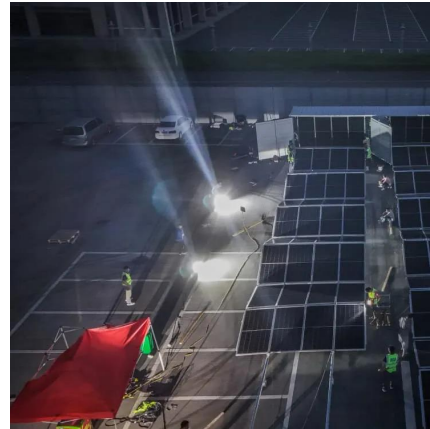


### [Global Ports Welcome a New Class of Green Ships](#)

A transformative shift is underway in maritime transport as ports worldwide begin to accommodate a new generation of eco-friendly vessels. These ships, powered by renewable ...

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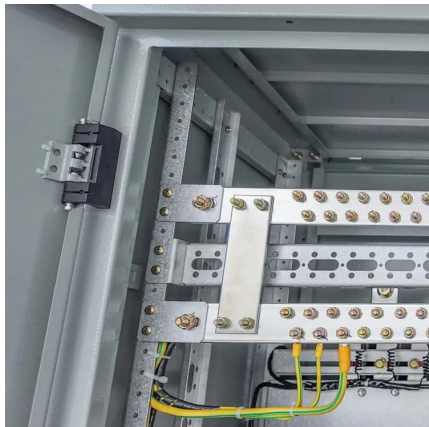




#### [China EV battery giants power push into green shipbuilding](#)

China's top EV battery producers, CATL and Gotion High-tech, are supplying batteries for new electric-powered ships as China pushes to expand green shipbuilding.

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#### **China achieves maritime milestone with world's largest sun-powered**

The largest solar-powered vehicle carrier ship successfully delivered 4,000 vehicles, most of them electric, to the Port of Piraeus in Greece.

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#### [World's First Solar-Powered Ship Arrives , World Ports ...](#)

Recently, the world's first hybrid bulk carrier with solar propulsion capability, the "Blue Marlin," made its official debut in Hamburg, Germany. This inland vessel, jointly ...

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



...

Renewables Solar World first claimed for hybrid solar-powered inland shipping vessel July, 2025  
In the Blue Marlin, solar panels contribute power directly to the ship's high ...

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