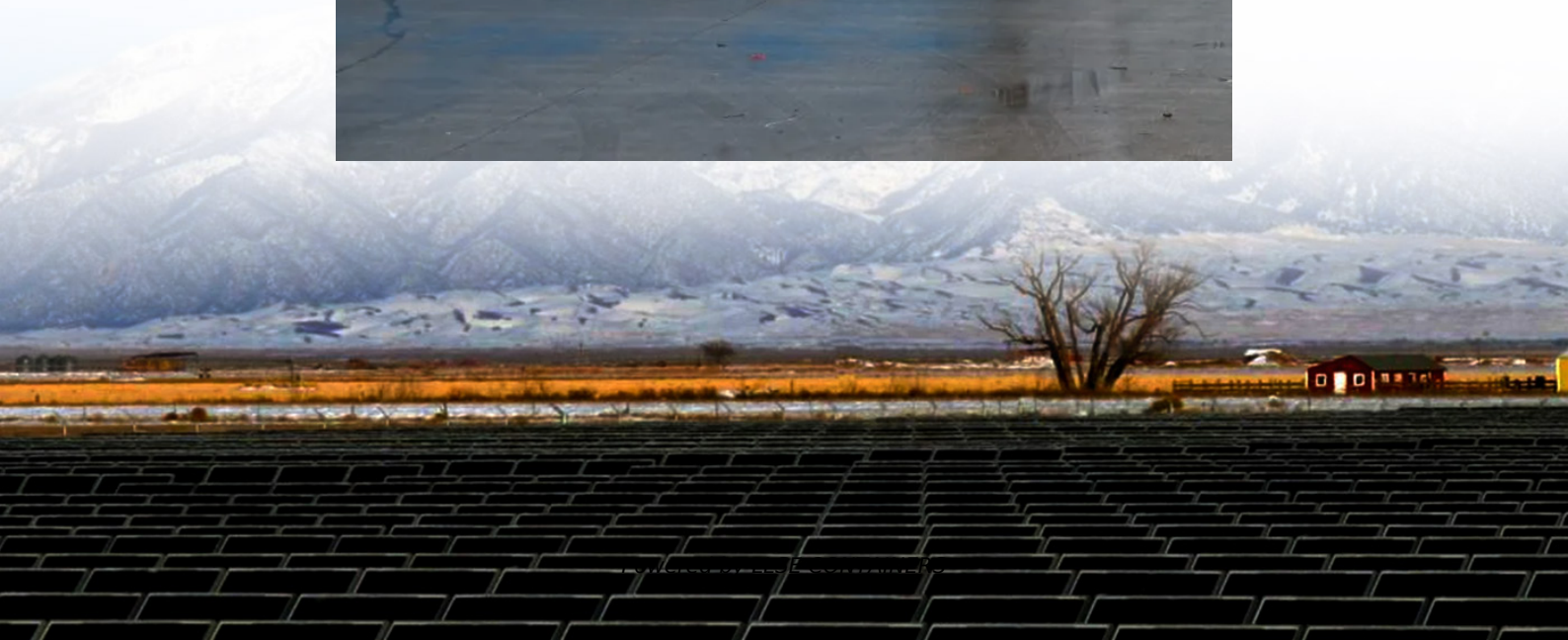


Icelandic school uses 30kWh solar-powered shipping containers





Overview

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.

Can solar energy be used in maritime transport?

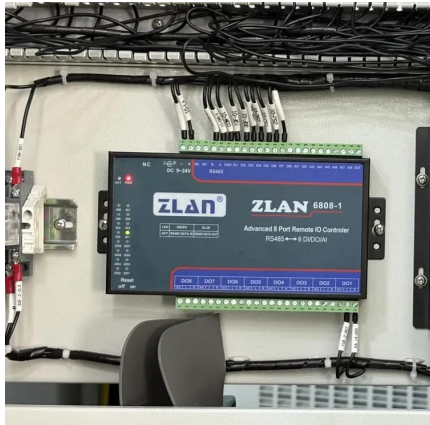
The widespread adoption of solar energy in maritime transport faces significant hurdles. Financially, the initial cost of solar installation and retrofitting existing fleets with solar technology presents a steep barrier, with expenses ranging into the millions depending on the size and type of vessel.

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.



Icelandic school uses 30kWh solar-powered shipping containers



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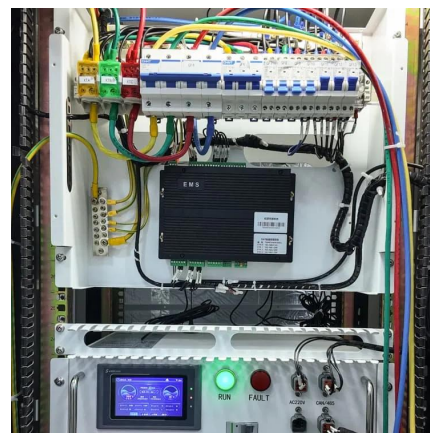
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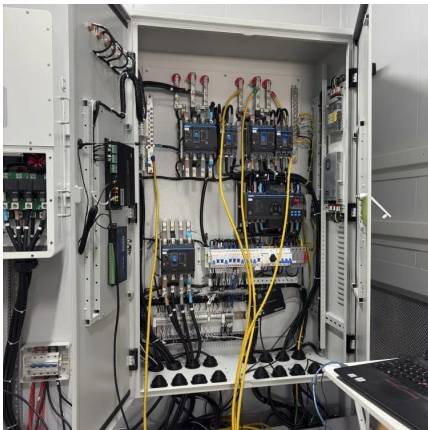


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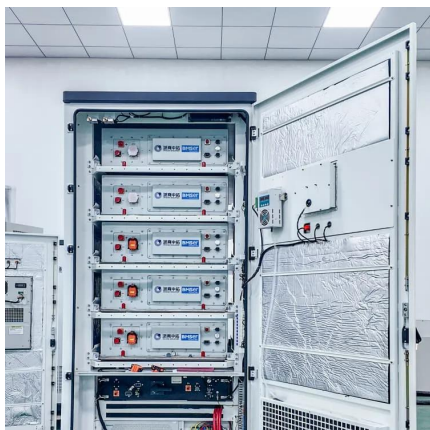


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