



Solar power generation for inland vessels

The solar system on the Blue Marlin is more advanced. Unlike the Helios, the Blue Marlin's solar power setup is fully integrated, meaning it supports both low-voltage systems (like lighting and ...

The inland shipping sector has reached a significant milestone with the launch of the Blue Marlin, the world's first cargo vessel capable of using solar power directly for propulsion.

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 ...

In what's presented as a significant technical milestone for sustainable inland shipping, the vessel's 192 solar panels will provide power to both the onboard and propulsion systems, making the ...

Unlike earlier inland vessels where photovoltaic systems feed only low voltage services, Blue Marlin's power management system allows solar energy to support the high voltage propulsion bus.

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 ...

HGK Shipping and Wattlab aim to set a new standard for inland vessels, combining renewable energy with advanced systems to meet modern environmental and operational demands. ...

The algorithm was evaluated using a ship model equipped with a hybrid power system that included a generator, energy storage system, solar cells, service loads, and a propulsion system.

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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