

Which is better for a folding container a 20kW engine or a diesel engine





Overview

What kind of engine does a container ship use?

These massive engines operate at speeds between 60–120 RPM and are directly coupled to the propeller, eliminating the need for a gearbox. Real-World Case: The MAN B&W 11G95ME-C9.5, powering ultra-large container ships, offers 75,000 kW output—enough to run a small town. 2. Four-Stroke Medium-Speed Diesel Engines.

How to choose a power system for electric propulsion in a container ship?

Economic feasibility provides significant information for selecting technological alternatives. After the EEDI calculation, the result of economic analysis is the next consideration to choose an appropriate power system for electric propulsion in a large container ship.

Why do container vessels have a lower power demand?

The lower power demand of these container vessel orders can be explained by the increased focus on reduced fuel consumption: Shipyards have improved hull designs and hydrodynamic propulsion efficiency, thereby reducing power demand at the same vessel speed by ~10%, and combining this with de-rated engines having better fuel efficiency.

How big is the world container fleet?

The world container fleet consists of some 3,250 ships (end of August 2004) with a combined capacity of close to 7.1 million teu. The world order book includes 780 ships, and is relatively big with a combined capacity of 3.1 million teu containers. As shown above, the fleet is develop-ing fast.



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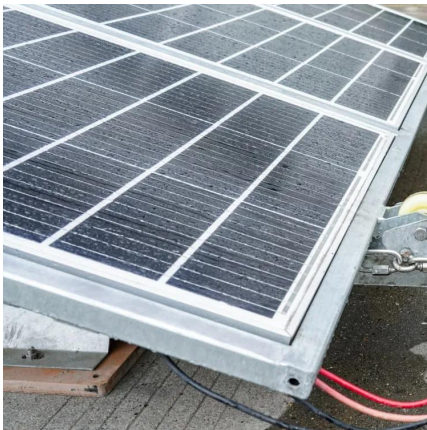
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