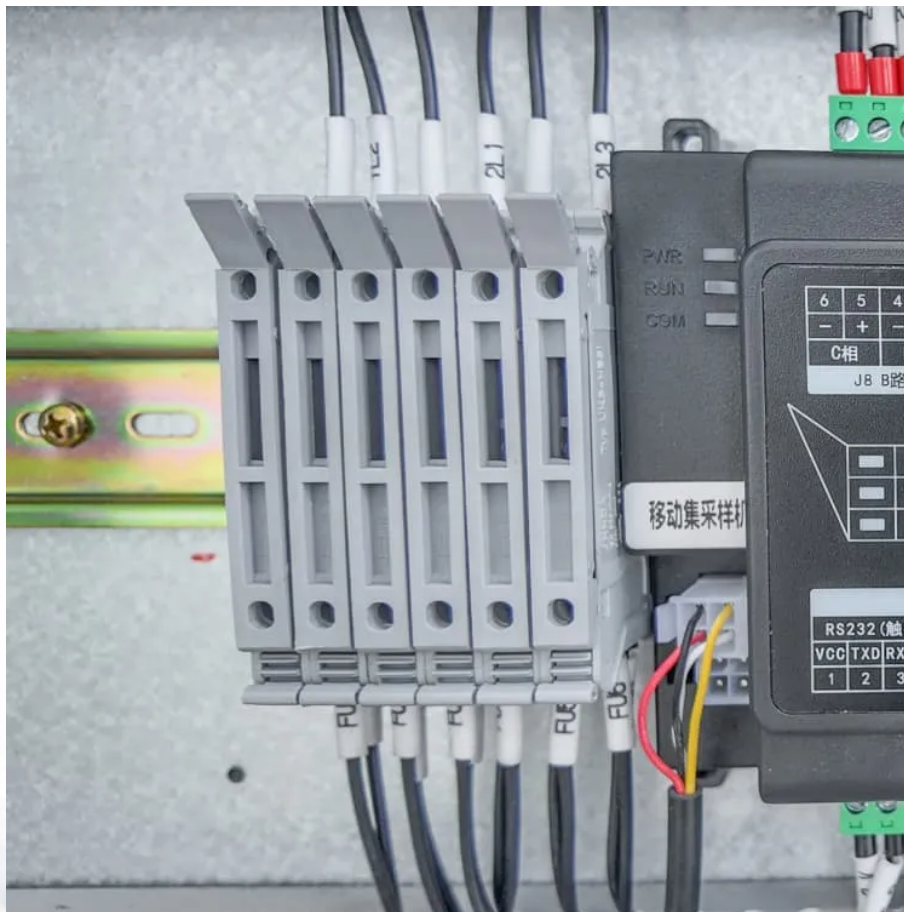


# Comparison of Wind Resistance and Discounts for Solar-Powered Container Ships





## Overview

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Which variant of a container ship is most optimized for wind resistance?

The optimization of a container ship for wind resistance is dominated by the effect of the container configuration; the contributions of forecastle fairing are secondary. When the overall effects of forecastle fairing and container configuration are considered, the streamlined load is the variant most optimized for wind resistance. 1. Introduction.

Does a container ship have wind resistance?

Andersen (2013) studied the influence of the container configurations of a 9000 TEU container ship using a wind tunnel and found that the ship's wind resistance was determined mainly by the container configurations, which suggests an idea for studying the wind resistance of a container ship.

Does a model of a large container ship reduce wind resistance?

The wind resistance of a model of a large container ship was investigated experimentally and numerically under various conditions to investigate the aerodynamic performance and identify approaches for reducing wind resistance.

Do large container ships with different forecastle fairings have wind resistance characteristics?

In this study, the wind resistance characteristics of large container ships with different forecastle fairings and container configurations were evaluated using wind tunnel tests and numerical investigations, the numerical method was verified against the experimental data, and the effects on vortical structures and air flow were investigated.



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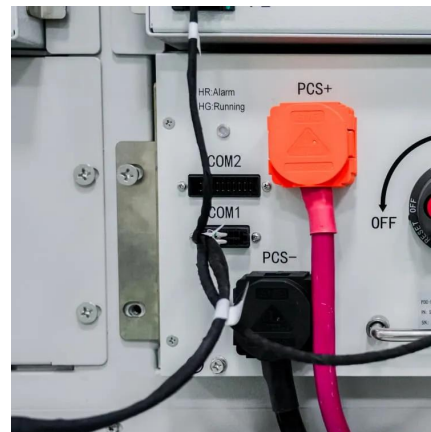


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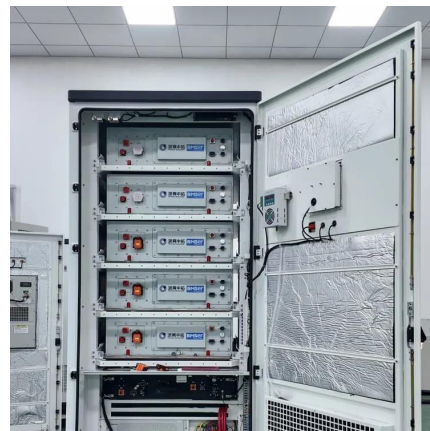


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