

High-efficiency use of folding containers at Monaco campsites





Overview

Can foldable containers be used in maritime transportation?

Computational results show that the proposed formulation performs well in terms of operating costs and there exists a significant cost-saving effect when foldable containers are used in maritime transportation. Previous article in issue Next article in issue Keywords OR in maritime industry Empty container repositioning Foldable container.

Are foldable containers a good investment?

Despite high purchase costs and the additional folding and unfolding costs of foldable containers, foldable containers have advantages in the reduction of repositioning costs and saving in terms of storage space and vessel capacity.

Does folding/unfolding cost affect the utilization of foldable containers?

In this case, the utilization of foldable containers decreases as folding and unfolding costs increase. Therefore, it is clear that decisions about foldable containers are influenced by folding/unfolding costs, which may affect the adoption and active utilization of foldable containers.

Do foldable Containers save cost?

The gap shows that in our experiments, at most 11.43% cost savings is realized when foldable containers are used in maritime transport. The cost-saving effect decreases as the holding cost H decreases because the considerable cost saving using foldable containers occurs in the holding cost part.



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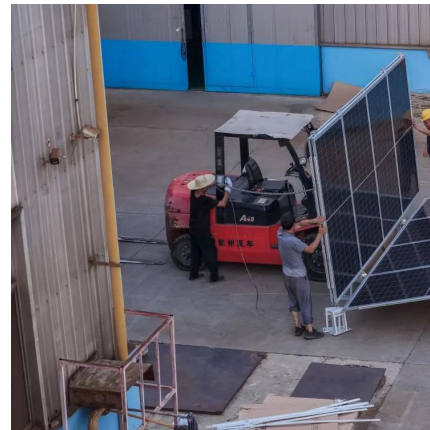


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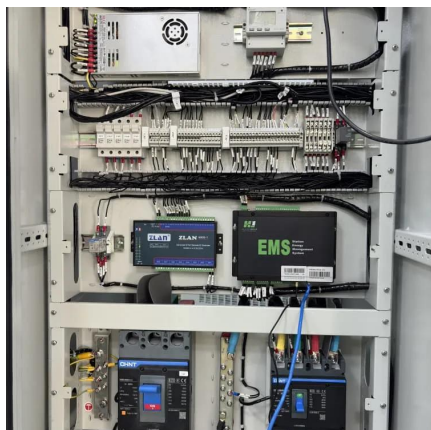


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