

Can energy storage containers be shipped by sea





Overview

Are battery energy storage systems safe aboard ships?

In recent months, Gard has received numerous inquiries about the safe transportation of battery energy storage systems (BESS) aboard ships. This article addresses some of the key risks, regulatory requirements, and recommendations for shipping such cargo.

Are battery energy storage systems a threat to maritime safety?

12. March 2025 In recent years, demand for the maritime transportation of containerised Battery Energy Storage Systems (BESS) has grown significantly. However, due to the high safety risks associated with energy storage containers, their transportation poses new challenges to maritime safety.

What are the requirements for shipping lithium-ion batteries by sea?

Container Requirements: Containers used for shipping lithium-ion batteries by sea must meet specific IMDG Code regulations. These regulations may include requirements for proper ventilation, fire-resistant lining, and segregation from incompatible cargo to minimize risks during transport.

Can lithium-ion batteries be shipped internationally?

When it comes to international shipping of lithium-ion batteries, ocean freight is the primary mode of transportation. This method is subject to regulations outlined in the International Maritime Dangerous Goods Code (IMDG Code), which serves as the global standard for the safe transport of hazardous materials by sea.



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[A Comprehensive Guide on Lithium-Ion Battery Shipping ...](#)

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Risks associated with transporting containerised Battery Energy Storage

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What are the transportation considerations for container energy storage

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[Requirements for Shipping Lithium Batteries 2025](#)

Jul 1, 2025 · The Carriage of Electric Vehicles, Lithium-Ion Batteries, and Battery Energy Storage Systems by Seas Executive Summary
The rapid global adoption of electric vehicles (EVs), ...



[Can container energy storage be transported easily?](#)

Nov 15, 2025 · This saves a lot of time and can be more cost - effective. So, in conclusion, while there are some challenges, container energy storage can generally be transported relatively ...

[UN3536 Guide for Shipping Lithium Battery Storage Containers](#)

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