

What are the packaging requirements for lithium batteries?

Packaging Requirements: Use UN-certified containers designed for lithium batteries, often made of non-combustible materials and equipped with safety features like smoke detectors and pressure vents. Ensure proper cushioning to prevent physical damage during transit.

What are the classification and shipping requirements for lithium-ion batteries?

The classification and shipping requirements for lithium-ion batteries depend on their size and energy capacity (Watt-hours). For standalone batteries, strict UN-certified packaging is required. IUMI strongly supports the SoC limit of 30% for air freight and advocates similar principles for maritime transport.

What is a UN number for a lithium battery?

The UN number depends on the battery type and configuration. For example, UN 3480 applies to standalone lithium-ion batteries, while UN 3481 covers batteries with equipment. Understand 2025 lithium battery transportation rules, including packaging, labeling, and compliance to ensure safe and legal shipping across all modes.

Are lithium batteries class 9 hazardous materials?

Lithium batteries, classified as Class 9 hazardous materials, must comply with the following critical rules:
Classification and Packaging Requirements Lithium-ion batteries (rechargeable): UN numbers: UN3480 (battery alone) or UN3481 (packed with equipment).
Packaging Instructions (PI): PI 965 (loose batteries) or PI 966/967 (with equipment).

The HMR includes provisions for the classification, packaging, hazard communication (e.g., package marking, labeling, shipping papers), stowage, and handling of all hazardous materials. The ...

IMPORTANT: Lithium battery prohibitions Damaged, defective or recalled batteries are forbidden for air transport. However, batteries having some other defective feature (e.g., batteries ...

Looking for HS codes? Use Flexport's free Search tool to find the tariff code to correctly classify your goods for customs.

What are the requirements for solar container battery transportation New resource clarifies DOT rules for lithium battery transport The guide addresses various battery conditions --damaged, ...

Shipping lithium batteries? Learn how to pack and ship them safely and how different rules apply depending on the mode of transport.

Regulatory Updates The IMDG Code Amendment 42-24 is the cornerstone of the updated regulations, bringing significant changes to the classification, packaging, and handling of lithium-ion ...

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safe and legal shipping across all modes.

Risk Analysis: The use of lithium batteries as a power source for a variety of products has dramatically increased. As a result, so too has their containerized shipments, both as entire cell ...

Why Lithium Batteries Act Like Picky Airline Passengers Imagine your lithium-ion battery as a VIP traveler - it demands special handling but can throw a tantrum (read: thermal runaway) if treated like ...

Learn the essential regulations for shipping lithium-ion batteries (UN3480 & UN3481) to ensure safety and compliance in your logistics operations.

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