Power requirements for energy storage batteries shipped by air

Overview

For international shipment of batteries and battery-powered equipment by air, we recommend shippers consult the International Civil Aviation Organization (ICAO) Technical Instructions for current and up-to-date requirements. Publications and regulations issued by ICAO.

Power requirements for energy storage batteries shipped by air

[Shipping Lithium-Ion Batteries: Understanding UN3480 & UN3481]

Learn the key differences between UN3480 and UN3481 regulations for shipping lithium-ion batteries. Discover packaging rules, labeling requirements, documentation, and best practices for

Technical Guidance SoC

To assist shippers in understanding the complete requirements related to the transport of batteries including lithium and sodium ion batteries, IATA has prepared an updated Battery guidance

[Shipping Standards for Energy Storage Batteries: Compliance, Safety]

These high-capacity devices demand strict adherence to international regulations, specialized packaging, and safety protocols. This guide breaks down the critical shipping standards you need to

[IATA Lithium Battery Restrictions for 2025-26 , Lion Technology]

Effective January 1, 2026, some of the currently recommended state-of-charge limits become mandatory requirements. A 30% state-of-charge limit already applies to lithium batteries

[How to Ship Lithium-based Batteries by Air Safely and Legally]

Always use UN 38.3 certified lithium batteries and follow IATA packaging and labeling rules to ensure safe and legal air shipment. Ship lithium batteries at no more than 30% charge and

Shipper Guide Batteries Air

PHMSA prepared this guide with the help of FAA, and with input from experts in the battery, airline, and shipping industries, to assist you in safely packaging batteries for transport by air.

Lithium Battery Shipping Guide

Our goal is for you to become familiar with the current Lithium Batteries & Cells Shipping Guide by following these simple instructions and for you to use it as an ongoing source for the proper

Battery Guidance Document

In accordance with Special Provision A201, lithium metal cells or batteries that meet the specified quantity limits may be shipped on a passenger aircraft under an approval issued by the authority of

Can Lithium-Ion Batteries Be Shipped by Air?

Most batteries under 100 Wh are generally allowed without airline approval. Batteries between 101 Wh and 160 Wh often require airline approval, with passengers typically limited to two such spare

Interactive Guide to Shipping Lithium Batteries

This document provides awareness of the International Civil Aviation Organization's (ICAO) 2023-2024 Edition of the Technical Instructions (Doc 9284) requirements for lithium batteries.

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