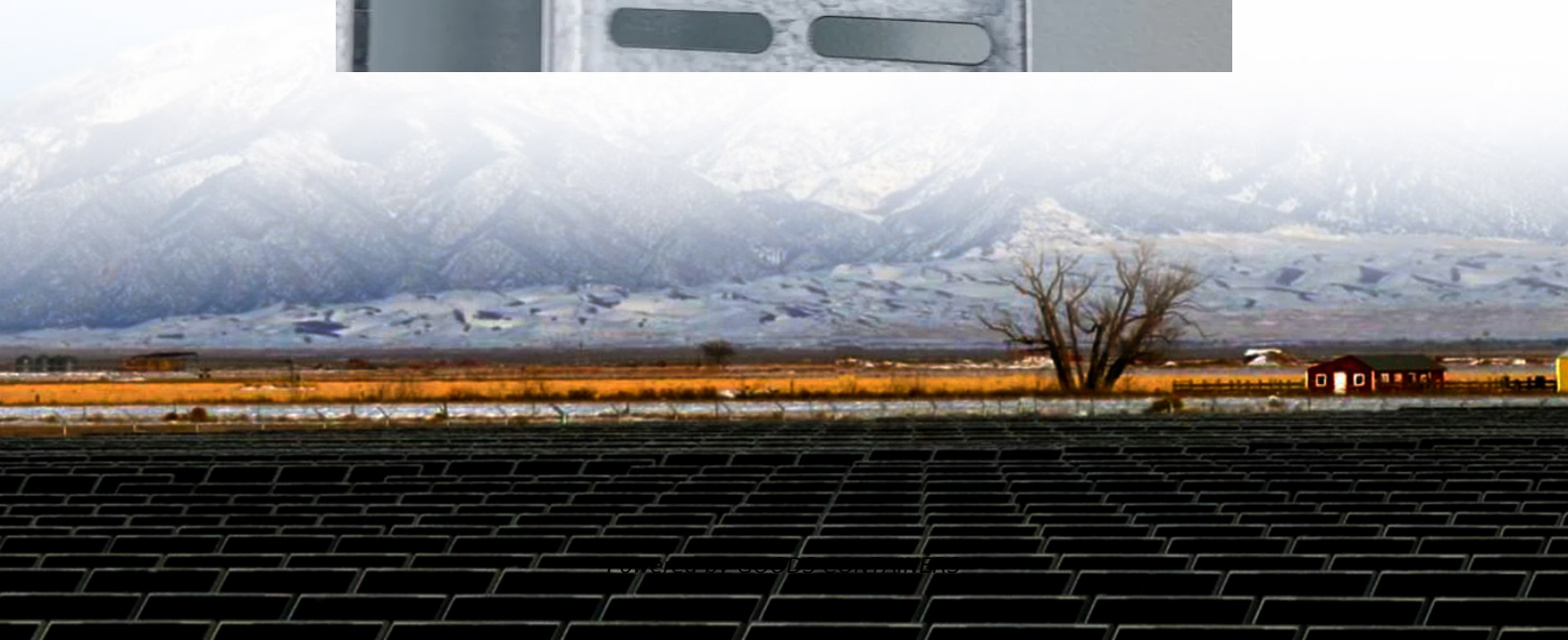


# Can energy storage batteries be shipped directly by air





## Overview

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What types of batteries can be transported by air?

You will encounter two main types when transporting lithium batteries by air: lithium ion batteries and lithium metal batteries. Lithium ion batteries, often used in consumer electronics like laptops and smartphones, are rechargeable and have a typical energy density of 160–270Wh/kg for NMC Lithium battery and 180–230Wh/kg for LCO Lithium battery.

Should lithium batteries be shipped by air?

Regulations for shipping lithium batteries by air are in place to protect everyone who would come in contact with a lithium battery shipment while it is being transported as air cargo; with training being required for everyone in this supply chain, to protect the aircraft, and the people in the aircraft, that is carrying the batteries.

How do you ship lithium ion batteries?

Goods must be labelled as “Lithium Ion Battery” or “Lithium Metal Battery” and include appropriate shipping marks and hazard labels. Lithium batteries must have the correct documentation – including a Dangerous goods declaration, air waybill, and packing list. Can you Ship Lithium-ion Batteries Internationally?

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Are lithium batteries shipped in a container?

There are three packaging categories for lithium batteries if they are being shipped in a container. When shipping lithium batteries, it is crucial to check the rules and regulations ahead of transportation, or work with an experience shipping partner to ensure that your cargo is shipped following best practices.



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### [Can Lithium Ion Batteries Be Shipped By Air?](#)

Dec 4, 2025 · The Landscape of Lithium Ion Battery Air Shipment Lithium ion batteries power countless devices in our modern world, from smartphones and laptops to electric vehicles and ...

### [Can Lithium Batteries Be Shipped By Air?](#)

May 24, 2025 · Yes, lithium batteries can be shipped by air, but with stringent regulations and limitations. This is due to their potential to overheat, ignite, and cause fires during transit, ...



### [Shipping Lithium-Ion Batteries: Air, Sea, and Compliance](#)

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