

Pack battery shipping standards





Overview

Learn how to ship your batteries with our guide. Discover how to identify your wet or dry battery and how to secure them for shipping. Our guidelines for shipping lithium batteries will help make sure you meet all standards for safely shipping batteries.

This article is about the guidelines of shipping batteries through FedEx Express system. It explains the importance of ensuring safe transport of shipments containing batteries and provides information on wet cell batteries, non-spillable wet electric.

Use H taping method on carton seams or flaps; place shipping label on largest side; follow all required markings, labeling & documentation requirements; waste batteries or those being shipped for recycling/disposal restricted (see IATA Special Provisions).

Batteries are classified as dangerous goods and pose a risk for corrosive chemical and electrical fires if not handled, packaged or stored.

Wet cell batteries must be correctly identified, classified, packaged, marked and labeled with Shipper's Declaration for Dangerous Goods completed by trained shipper. Package in.

How many batteries should be in a pack?

E.13 Under Packing Instructions 966 and 969, it states that "The maximum number of batteries in each package must not exceed the minimum number required to power the equipment, plus two spare sets. A "set" of cells or batteries is the number of individual cells or batteries that are required to power each piece of equipment".

Which batteries can not be packed in the same outer packaging?

UN 3090, lithium metal batteries prepared in accordance with PI 968 , UN 3480, lithium-ion batteries prepared in accordance with PI 965 and UN 3551 sodium ion batteries prepared in accordance with PI 976, must not be packed in the same outer packaging with dangerous goods classified in.



What are the risks associated with shipping batteries?

Unique risks associated with shipping batteries: Batteries provide the power source for personal computers, phones, automobiles, and life-saving appliances. However, batteries are classified as dangerous goods, because by definition they produce electricity from a chemical reaction.

What is a regulated battery shipment?

Some dry batteries are regulated battery shipments (Class 4 — Dangerous When Wet or Class 8 — Corrosive) and must be correctly identified, classified, packaged, marked and labeled. Position multiple batteries or packages of batteries side by side, separated by dividers.

Can a package contain multiple batteries?

IATA Guidance Document for Lithium Batteries and Sodium ion Batteries – 2025 OSS/Cargo Page 21 01/01/2025 The package may contain multiple batteries or pieces of equipment provided the limitations set out in the applicable packing instruction are not exceeded. The package must be marked and labelled as required by the packing instruction.

What should be a minimum charge level before packing a battery?

Prior to becoming mandatory on 1 January 2026, it is strongly encouraged that the state of charge of the batteries be reduced to below 30% SoC (or 25% indicated battery capacity) before packing. Part F – Questions related to Marking and Labelling



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[Shipping Li-ion Batteries Safely: IATA/IMDG Compliance](#)

To ensure compliance and minimize risks during transit, follow these best practices: Battery Inspection: Verify no physical damage, swelling, or leakage. Vade Battery's custom ...

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Battery Shipping: Classification, Best Practices, and more , Maersk

This guide explains everything you need to know to stay compliant and avoid costly delays - from battery classifications to mode-specific rules and best practices for shipping safely.

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[How to Ship Wet, Dry, and Lithium Batteries . FedEx](#)

Learn how to ship your batteries with our guide. Discover how to identify your wet or dry battery and how to secure them for shipping. Our guidelines for shipping lithium batteries will help ...

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How to Ship Lithium, Dry, and Wet, Batteries Internationally

Ensure your battery shipments comply with international regulations for safe and timely delivery. Learn essential packaging tips and



requirements for shipping batteries worldwide.

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Battery Guidance Document

Units which have two or more cells that are commonly referred to as "battery packs", "modules" or "battery assemblies" having the primary function of providing a source of power to another ...

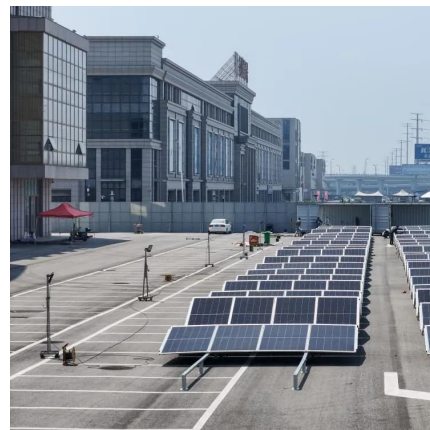
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Can You Mail Battery Packs? Essential Shipping Guidelines for ...

In summary, battery pack safety during shipping relies on using appropriate packaging materials, securing the batteries, marking packages accordingly, and adhering to ...

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Shipping Restrictions & HAZMAT

When shipping to APO/FPO/DPO locations in foreign countries, USPS treats the mail as domestic mail, but shipping is still subject to those foreign countries' prohibitions and restrictions. ...

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Lithium Battery Shipping Guidelines , Battle Born Batteries

Shipping lithium batteries requires adequate packaging, labeling, and compliance with Hazardous Material Requirements. Using high-quality batteries that meet safety ...

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Lithium Battery Pack Shipping Restrictions: What You Need to Know

To ship batteries, workers will need to have International Air Transport Association certification when a manufacturer plans to ship the batteries over air. The certification covers ...

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