



Ship to lithium battery

Can You ship lithium batteries by air?

In the United States, failure to comply with these regulations can result in a civil penalty of up to \$27,000 per offence (LBSR 1.3). Shipping lithium batteries by air is possible, but it is crucial to note these are dangerous goods and the applicable regulations must be complied with to ensure the safety of all personnel, aircraft, and passengers.

How do I ship a lithium battery?

You should contact the airline prior to offering the lithium battery shipment for transport to make certain all requirements are being met prior to transport. When shipping dangerous goods, they must be identified by the applicable UN or ID number, proper shipping name, class or division, and packing group (if applicable).

Do I need a manual to ship lithium batteries?

However, if you only ship lithium batteries you can purchase the Lithium Batteries Shipping Regulations as a standalone manual. Knowing the specific regulations is crucial in the shipping and handling of lithium batteries.

Can I ship lithium batteries by Ocean?

If you are shipping lithium batteries by ocean, you will need to make sure that you specify the correct UN numbers and Proper Shipping Names (PSNs), as established in the UN Recommendations on the Transport of Dangerous Goods, commonly known as the Orange Book.

How many lithium batteries can be shipped?

Only a maximum of four can be sent, with two per container, and each battery must have a rating of below 100 watts per hour. It is essential to note that some countries have their own regulations and restrictions for shipping lithium batteries, so it is crucial to check with the destination country's customs authorities before shipping.

What are the shipping requirements for lithium batteries?

These regulations include proper packaging, labelling, and documentation to ensure safe and secure transportation. Some general shipping requirements to transport lithium batteries internationally include: Lithium batteries weighing over 35kg must be approved by the national authority of the shipping and destination country before shipment.

As class 9 dangerous materials, lithium battery international shipping must comply with essential laws and regulations. In this guide, we will help you to know how to ship lithium batteries in security. What are the basic types of lithium ...

By following these guidelines and complying with all applicable local, state and federal laws governing



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packing marking and labeling, you can do your part to help ensure your shipments arrive safely and on time to their final destinations.

This guide provides an overview of how to ship lithium batteries and battery-powered devices via ocean freight. We'll cover battery classifications, packaging requirements, regulatory landscapes, and how partnering with a ...

2024 Lithium Batteries Regulations: Watt Hour Rating. Step 3 - What is the capacity (Watt Hour* rating) of your battery? Tip: Click the below buttons to get more details on packaging and labelling / marking. Cells \leq 20 Wh or Batteries \leq 100 Wh. *The Watt Hours must be indicated on the outside of the battery, for batteries manufactured as of January 2009. Laptops, mobile phones ...

Lithium Battery Shipping Overview (also see 49CFR173.185) PGH Safety Jan 2024 Lithium batteries are used in many electronic devices such as cameras, cell phones, laptop computers, medical equipment and power tools. When shipping or importing lithium batteries, including those contained in or packed with devices and equipment, packaging requirements must be met and ...

Officially, yes: Lithium-ion batteries are governed under the United Nations regulations UN3480 and UN3481 as Class 9 "miscellaneous dangerous goods." Two dangers stand out: First, improperly packaged lithium-ion batteries can lead to short circuits if they come into contact with each other or with other conductive surfaces. Second, thermal runaway can occur if improperly ...

To keep this critical technology moving through global supply chains, shippers must understand how to safely ship lithium-ion batteries by air. Global demand for lithium-ion battery technology ...

To assist shippers of lithium batteries, including equipment with installed lithium batteries, a requirement came into force with effect January 1, 2019 that manufacturers and subsequent distributors of lithium cells and batteries must make available a test summary that provides evidence that the cell or battery type has met the requirements of the UN Manual of ...

Are Lithium Batteries Hazardous to Ship? While lithium batteries are commonly used today, they meet the classification criteria set out by the United Nations, and are classified as a dangerous good. Lithium batteries ...

For shipping, all types of lithium batteries are classified as dangerous goods -- with special regulations for packing, labelling, documentation and handling. FedEx adheres to IATA ...

IATA provides the most comprehensive guide to international air transport regulations for shipping lithium batteries by air in their Lithium Battery Shipping Regulations manual. Navigating the rules surrounding how to ship lithium batteries can be complicated, but IATA's manuals simplify the complex task in easy step-by-step processes.

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When you're shipping lithium-ion batteries by air, it's essential to follow specific regulations regarding their state of charge (SoC). The SoC, which reflects the battery's charge level compared to its full capacity, must not exceed 30% during transit. It's your responsibility to ensure compliance with this rule, as exceeding the limit can ...

Material Safety Data Sheet (MSDS): Contains comprehensive product information, hazards, and handling guidelines on how to ship batteries. **Required for all battery types.** **Transport Document:** For lithium battery shipments, this specifies the UN number, shipping name, hazard class, packing group, and total quantity.

And so is the need to ship batteries safely and efficiently. But hold up! You can't just toss lithium batteries in a box and call it a day. Transporting batteries is a serious business. Do it wrong, and you could be ...

Lithium-Ion Batteries The main characteristic of lithium-ion batteries is that they are rechargeable, and therefore, often used in portable consumer electronics. These are the batteries you can't check in with your luggage on a flight. However, because products with these batteries are so prevalent, many couriers accept these batteries, as long as they're packaged ...

With lithium batteries becoming a more popular power source, from small electronics to electric cars, how to ship lithium batteries safely is a growing concern. Lithium batteries can often be incorrectly packaged or labeled, leading to fines and loss of business.

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