



Shipping products with lithium batteries

Can I ship a lithium battery cross-border?

There are regulations attached to the cross-border shipping of batteries to ensure they travel safely. These regulations vary depending on the type of batteries. Lithium batteries, for example, are classified as Dangerous Goods, so not all types of lithium batteries are accepted by DHL Express which you can check here.

Can You ship a lithium ion battery with DHL?

For example, DHL forbids the shipment of loose lithium metal batteries with its DHL Time Definite Service. 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.

What documents do you need to ship a lithium battery?

Transport Document: For lithium battery shipments, this specifies the UN number, shipping name, hazard class, packing group, and total quantity. Pilot Notification: For shipping lithium batteries by air, pilots must receive written information on the presence and location of lithium batteries.

Is lithium battery shipping dangerous?

While classified as a dangerous good, lithium battery shipping takes very specific requirements that you can find inside the Dangerous Goods Regulations. However, if you only ship lithium batteries you can purchase the Lithium Batteries Shipping Regulations as a standalone manual.

How do I ship a lithium ion battery?

The outer box must have the UN number, proper shipping name (e.g. UN 3480, Lithium-ion batteries), and hazard labels. Use laminated labels to prevent damage from condensation. Avoid placing battery shipping labels on removable packaging.

Do I need a specific lithium battery Shipping Class?

FedEx Ground strongly recommends that anyone shipping lithium batteries take a specific lithium battery shipping class in order to better understand these complex regulations and meet DOT/ICAO/IATA/IMDG/USPS requirements.

4 o Lithium metal (LiM) o are generally non-rechargeable (primary, one-time use). o have a longer life than standard alkaline batteries o are commonly used in hearing aids, wristwatches, smoke detectors, cameras, key fobs, children's toys, etc. LITHIUM BATTERY TYPES There are many different chemistries of lithium cells and batteries, but for transportation purposes, all lithium ...

Shipping lithium batteries can be complicated, but FedEx provides all the information you need to ship batteries safely to and from Australia. Shipping ... Consult the packing instruction and all applicable Special



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Provisions for the product being shipped.

When shipping lithium batteries, a DGD or equivalent form is usually required. This form provides specific details about the hazardous materials being shipped, including their UN number, proper shipping name, class, packing group, and any special handling instructions. ... How to ship products with lithium batteries inside. Many businesses don ...

Shipping Lithium Batteries Updated: September 2022 Produced by AOC and ASH.2022-ASH-017. About this document: This document provides awareness of the International Civil Aviation Organization's (ICAO) 2021 -2022 Edition of the Technical Instructions (Doc 9284) requirements for lithium batteries. This document does not replace any regulation

Why are Lithium Batteries Regulated in Transportation? ... or product vendor to determine if a battery design has passed these tests or obtain the test summary document. For additional information, view the resource below. ... the FAA provides a series of guides to properly shipping hazardous materials by air, including a chart for shipping ...

2022 LITHIUM BATTERY SHIPPING GUIDE . JANUARY 1, 2022 . The following guide provides a summary of marking, labeling and paperwork requirements for shipping lithium batteries via domestic US ground (49 CFR 171-180 in effect 1-Jan-2022), international air (2022 IATA DGR, 63rd Edition) and international

Why are Lithium Batteries Regulated in Transportation? ... or product vendor to determine if a battery design has passed these tests or obtain the test summary document. For additional information, view the resource ...

Effectively, when shipping any lithium batteries you should ensure you adhere to the Dangerous goods regulations. Whilst you can see further specific later in this guide, you should use good quality, sturdy packaging, ensure the devices / batteries cannot move or become "activated" during transit, ensure the appropriate labelling in in place (depending on how many ...

While lithium batteries are currently prohibited from shipping, Easyship's feature-rich platform provides a wide range of shipping options for eCommerce store owners. With automated shipping label generation, order tracking, and centralized order management for all other types of products. Shipping Lithium Batteries FAQ

In this thorough "Shipping Lithium Batteries Guide," recognizing the broad spectrum of products embedded with lithium batteries proves pivotal. Understanding these varied applications, from consumer electronics to medical devices, power tools, and even aerospace equipment, is essential to navigating the comprehensive shipping protocols for ...

This guide aims to shed light on the proper protocols for shipping lithium batteries, ensuring that your products arrive safely without posing hazards to handlers, recipients, or the environment. By understanding



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and adhering to ...

You can only send a maximum of 2 lithium batteries or 4 lithium cells, regardless of whether they are lithium metal or lithium-ion batteries. What products we cannot ship with lithium batteries Generally, we are unable to ship E-bikes containing lithium ion batteries as they are over 100 wh in size, we are not accredited to ship this size of ...

On top of that, you could also end up paying regulatory fines or losing shipping privileges if battery shipping regulations are violated. Due to such risks, lithium batteries are classified as Class 9 dangerous goods, while other ...

From electric vehicles to laptops to massive grid storage systems, the demand for batteries is growing. 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 ...

The Future of Lithium Battery Shipping. As lithium battery use continues to grow, shipping regulations will likely evolve as well. The IATA updates its lithium battery shipping guidelines annually, with the latest version effective from January 1st, 2021.⁹. Potential future developments include: Stricter packaging and labeling requirements

Batteries are typically classified as Class 8, Corrosives or Class 9, Miscellaneous Products, Substances or Organisms, though some may be considered Class 4.3, Water Reactive Substances. ... Water Reactive Substances. Are lithium batteries considered dangerous goods? Yes. In Canada, the shipping and importing of lithium batteries is subject to ...

This guide aims to shed light on the proper protocols for shipping lithium batteries, ensuring that your products arrive safely without posing hazards to handlers, recipients, or the environment. By understanding and adhering to the right practices, businesses and individuals can navigate the complexities of battery shipping with confidence and ...

What customers are saying about Labelmaster's new line of CurTec shipping products - January 15, 2024. How extra testing earned Capsuloc(TM) secondary hazmat containers a Special Permit - September 14, 2023. ... Not surprisingly, shipping lithium batteries by mail is even more complicated than shipping them by other means.

o Revision to the lithium battery mark. A telephone number is no longer required on the lithium battery mark. Lithium battery marks with a phone number may continue to be applied until December 31, 2026. o Packing Instructions 965 and 968 - removal of Section II o Packing Instructions 966 and 969 - clarification on protection against ...

A table in the Lithium Battery Shipping Regulations manual gives the precise weight of batteries per package



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on both cargo and passenger aircraft. All marks and labels must be clearly visible on the exterior of all packages and overpacks. Proper marking and labeling is required when shipping lithium batteries by air.

Compliantly shipping lithium-ion batteries of any size means navigating a complex set of regulations. And, generally speaking, the bigger the batteries get, the more challenging they are to transport compliantly. When you're moving large format lithium-ion batteries--like the ones for electric vehicles, solar power storage, data centers and other heavy-duty purposes--you ...

And the number of products relying on Li-ion batteries is only continuing to grow. However, when it comes to safe shipping, it's important to delve into the classification of lithium-ion batteries. These energy powerhouses fall under Hazmat Class 9 within the dangerous goods system that assesses substances and materials based on their ...

Individual returns of an unacceptable tobacco product to a manufacturer; Other Shipping & Packaging Requirements. ... Shipping Lithium Batteries. Open or Close content below Live Animals. Except in limited circumstances, pets and warm-blooded animals may not go in the mail. Shipments of live animals, including poultry, reptiles, and bees, have ...

Risks for shipping lithium batteries. While most lithium batteries are safe, some have overheated and caught fire. Once ignited, they can cause any nearby batteries to overheat and catch fire. ... Lithium ion batteries are used in consumer products such as cell phones, electric vehicles, laptop computers, power tools and tablets.

FedEx takes the transport of your shipment containing lithium batteries very seriously and complies with the International Air Transport Association (IATA) and International Civil Aviation Organization (ICAO) regulations for carrying such items as a carrier.

As a general rule, we can accept most batteries used in consumer electronic products for shipping if they meet the requirements for shipping batteries (see below). This includes: AA batteries; AAA batteries; C batteries; ... Please note: You aren't allowed to ship lithium batteries to any destination outside of Canada and the U.S.

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Shipping Product With Lithium Batteries. Products containing lithium batteries are usually banned during ordinary international transport, which may sound absurd, but they are considered to be an explosive risk. A growing number of national government departments have tightened rules for the transport of electronic devices with built-in lithium ...

Effective 1 July 2015, all existing customers and new customers who wish to ship lithium metal batteries



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without equipment (UN3090) via UPS ® Air services must obtain pre-approval from UPS Airlines. This requirement is to ensure that proper training has occurred and that all applicable safety regulations are properly followed for such shipments.

For more information on shipping new or manufacturer refurbished products with lithium batteries read USPS Pub 52, Section 349. Check for other common hazardous items Other commonly missed items that require special packaging are perfumes, nail polish, hairspray, cleaning supplies, firearm accessories, knives, swords, lighters, auto accessories ...

Choosing the right courier for shipping lithium batteries. When it comes to shipping lithium batteries, choosing the right courier is of utmost importance. Not all courier services accept lithium batteries due to the associated risks and regulations. Therefore, it is crucial to research and select a courier that is experienced in handling the ...

International regulations defining a lithium battery; Regulations for shipping lithium batteries by air, sea or land. Your liability when shipping lithium batteries; Packaging loose lithium batteries for shipping; Labeling lithium batteries for air transport. UN 3090, PI968 - loose lithium metal batteries (not contained in, or packed with ...

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