



# Lithium battery mark for shipping ups

Are lithium batteries allowed to be shipped?

Regulations vary depending on the kind of lithium batteries you are shipping (lithium ion or lithium metal), the maximum allowable amount of batteries, and whether you are shipping via ground or air transport. Also, regulations differ based on whether you are shipping the batteries by themselves or batteries pre-installed in equipment.

What is a lithium battery Mark?

re the UN3481 Lithium battery mark. A lithium battery mark for any single package that contains >4 lbs or >2 batteries. Also, mark any more than 2 packages in consignment, and Shipments of Lithium Ion Batteries\* Is my Lithium Ion Battery ground shipment fully regulated,

How do you put a lithium battery on a UPS package?

Place the shipping label in the UPS shipping pouch. If you do not have a pouch, affix the label to your package using clear plastic shipping tape over the entire label. Do not cover any seams or closures on the package. Affix the lithium battery mark to the top or one of the sides of the box.

Does USPS ship lithium-ion batteries?

If you're sending a used item containing lithium-ion batteries, you must use USPS Ground Advantage service, since the item must be handled through surface transportation only. Like all hazardous materials, shipping lithium-ion batteries all comes down to packaging properly.

Can I ship a lithium battery by Air Service?

Shipping lithium batteries by air service Regulations differ depending upon what type of lithium battery you are shipping (lithium ion or lithium metal) and whether you are shipping batteries packed with equipment or batteries contained in equipment. Reminder: UPS does not accept Section II shipment

What documentation do I need to ship a lithium battery?

In addition to markings or a lithium battery handling label, you'll need to include documentation. This documentation should indicate: Regulations vary depending on the kind of lithium batteries you are shipping (lithium ion or lithium metal), the maximum allowable amount of batteries, and whether you are shipping via ground or air transport.

Safely transport your lithium battery packages with Labelmaster's Lithium Battery Marks. These marks help meet lithium battery shipping requirements for packages carrying lithium ion or metal batteries. Available in multiple sizes in paper or PVC-free film, these labels are designed in accordance with the regulations.

FedEx's overview of lithium battery and cell shipping requirements; UPS' guide on packing and shipping batteries and cells; Can I Ship Lithium Ion Batteries Internationally? You can ship lithium-ion batteries only if



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they are pre ...

Shipping Excepted Lithium Batteries If you ship what we call "excepted" lithium batteries, you will need to start using the "lithium battery mark" (seen below). Excepted cells/batteries are defined as: Lithium ion cells  $\leq 20$  Wh; Lithium ion batteries  $\leq 100$  Wh; Lithium metal cells  $\leq 1$  gram of lithium

Mailpieces must bear a DOT-approved lithium battery mark, as specified in 49 CFR 173.185(c)(3)(i) and Exhibit 325.2 a, applied to the address side of the mailpiece. The mark must indicate UN3480 for lithium-ion cells or batteries. The mark must also include a telephone number for those who need to obtain additional information.

Lithium metal batteries will use labels with one of the following UN numbers: UN3090 UN3091; If you're shipping lithium metal batteries as a standalone (no other items in the package), use a battery label with UN3090. ...

2023 LITHIUM BATTERY SHIPPING GUIDE . JANUARY 1, 2023 . 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-2023), international air (2023 IATA DGR, 64th Edition) and international

The lithium battery mark is required as specified in the DGR. The border of the mark must have red diagonal hatchings with a minimum width of 5mm. The symbol (group of batteries, one damaged and emitting flame, above the UN number for lithium ion or lithium metal batteries or cells) must be black on white or a suitable contrasting background ...

UPS allows the shipment of two primary types of lithium batteries: Lithium-Ion Batteries. Rechargeable Batteries: Commonly found in electronics such as smartphones, laptops, and electric vehicles. UN Number: UN3480: For lithium-ion batteries shipped alone. UN3481: For lithium-ion batteries contained in or packed with equipment. Lithium Metal ...

Shipping lithium batteries requires adhering to stringent regulations to ensure safety and compliance. United Parcel Service (UPS), as a major global carrier, follows specific guidelines for handling lithium batteries, given their potential hazards. This article provides an in-depth look at how UPS ships lithium batteries, including the types allowed, packaging ...

The heat and static electricity associated with air travel are risk factors for the lithium ion batteries inside of laptops. Make a note of the regulations that apply when shipping a laptop with lithium ion batteries inside the United States or, if you're shipping across borders, for your destination country. Securely attach any required ...

Lithium Battery Shipping Overview (also see 49CFR173.185) PGH Safety Jan 2024 Lithium batteries are



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used in many electronic devices such as cameras, cell phones, laptop computers, medical equipment and power tools. When shipping or ...

Below are some of the regulations which must be followed when shipping packages with batteries through UPS and FedEx. Battery Type and Watt-hour Rating: Both UPS and FedEx have specific guidelines based on the type of battery and its watt-hour rating. Lithium-ion batteries are common in many electronic devices such as smartphones, tablets, and ...

A lithium battery shipping mark is a symbol or label that indicates the presence of lithium batteries within a package. This mark is used for identification and safety purposes during transportation. It helps to inform handlers that the package contains potentially hazardous materials. ... Regulations for Shipping UPS Batteries - What You ...

Learn how to ship lithium ion batteries with UPS on shippingschool . When shipping lithium ion batteries with UPS, you may need to use Ground service and affix the proper labels to the outside of your package. Read more about the process and restriction for sending lithium ion batteries with UPS at shippingschool !

300 Watt-hours per battery 25 g lithium metal per battery Lithium ion batteries all configurations: Cells  $\leq 20$  and  $\leq 60$  watt hours or Batteries  $\leq 100$  and  $\leq 300$  Watt Hours Gross package weight no more than 30 kg (66 LB). Lithium metal batteries all configurations: Cells  $\leq 1$  and  $\leq 5$  grams or Batteries  $\leq 2$  and  $\leq 25$  grams Lithium Metal

Lithium Ion Batteries Shipping Guide ... Print the lithium battery mark ( Min 12cm x11cm), fill in the sender's contact number, and stick it on the outer box of the parcel carton ... UPS Express: MSDS is preferred. Spaceship Air Standard: Lithium battery mark is not required. Please mark "battery" on the parcel. It accepts shipment with less ...

We outline this guide on properly creating a lithium battery shipping label in line with regulations. This guide complies with regulations created by safety organizations and agencies such as the PHMSA (Pipeline and Hazardous Materials Safety Administration), the DOT (Department of Transportation), the ICAO (International Civil Aviation Organization), and the ...

One of the thorniest topics in Pub 52 is lithium batteries. As more new e-commerce companies depend on cheap, efficient, rechargeable battery power, transport of lithium batteries by mail will only grow. Not surprisingly, shipping lithium batteries by mail is even more complicated than shipping them by other means.

Our guidelines for shipping lithium batteries will help make sure you meet all standards for safely shipping batteries. Skip to main content. Shipping Create a Shipment ... When the Lithium Battery Mark (IATA Figure 7.1.C) is required and used for Section IB and permitted Section II lithium battery shipments, the UN number(s) must be added to ...



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Note. Effective 1 July 2015, all existing customers and new customers who wish to ship lithium metal batteries without equipment (UN3090) via UPS &#174; 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.

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 Updated: September 2022 Produced by AOC and ASH.2022-ASH-017 ... Lithium Battery Mark + CAO Label + Overpack Mark (if applicable) 1.2 m drop test. ... On the first of the year (2023) ICAO will not permit 965 section II lithium ion batteries. DHL, FedEx and UPS are not accepting these now. Federal Aviation ...

What to know when shipping lithium batteries by air? When shipping lithium batteries by air, you must follow some basic rules. It is important to closely follow these regulations for the safety of all involved. ... The lithium battery mark, as shown below, must be applied to packages as outlined in the Lithium Battery Shipping Regulations ...

Lithium Batteries: The regulations are transitioning to a modified Class 9 diamond hazard, which will become mandatory for fully regulated shipments of lithium battery shipments on January 1, ...

The lithium battery mark is affixed to packages containing small lithium metal/ion batteries. ... HAZMATEAM Lithium Battery Shipping Guide Revision History. April 11, 2024 - Updated lithium battery handling marks (removal of telephone number) per DOT HM-215Q. Also, emergency response information (ERG Guide 147) was updated following the April 4 ...

If you"re a small to medium device wholesaler shipping 5-250lbs of phones per shipment, read on for what you need: Shipping Ground. If you"re shipping via a Ground-only service in the USA like UPS Ground or FedEx Ground, you"ll need a Lithium Ion Battery Handling sticker on any box that has more than two batteries inside. You"ve probably seen ...

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