

# How to ship a lithium battery

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](#).

Learn how to ship lithium ion batteries on [shippingschool](#). Lithium ion batteries are categorized in Class 9 of Hazardous Materials, so you'll need to follow certain regulations if you want to ship them domestically and internationally. Read more about sending lithium ion batteries at [shippingschool](#) !

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.

&quot;Lithium ion batteries, in compliance with Section II of PI967&quot;on AWB. 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. NOTE: the requirement to apply lithium battery mark does not apply to:  
-- packages containing only button cell

For shipping lithium batteries with USPS overseas, you can ship a maximum of 4 cells or 2 batteries that are installed in the new or certified refurbished equipment or device it operates, without any lithium battery markings. However, individual batteries are prohibited from USPS international shipping.

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

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 types of batteries can fall into other classes of dangerous goods. This means they are subject to regulations on packaging, labelling, quantity ...

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. NOTE: Where a package contains a combination of lithium batteries contained in equipment and lithium batteries packed with equipment that meet the limits for

Since 2016, when the International Civil Aviation Organization (ICAO) implemented drastically more restrictive global regulations on shipping lithium batteries by air, shippers have adapted and done their best to



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comply. Meanwhile, regulatory agencies continue to update regulation in an effort to keep lithium battery transport by air as safe as possible. The most ...

2024 Lithium Batteries Regulations: Battery Types. Step 1 - What type of battery are you shipping? Tip: Click the below buttons to get more details on each type of batteries. Lithium ion batteries or cells . are rechargeable (secondary) lithium ion or lithium polymer cells or batteries. These are very commonly found in portable consumer

USPS has official instructions and guidelines for shipping batteries. ShipSaving helps you to highlight the following information: All packages containing lithium metal or lithium-ion batteries that can be mailed must be of sufficient size, sealed, and rigid. This ensures that the lithium battery mark can be affixed to the address without folding.

This document provides awareness of the International Civil Aviation Organization's (ICAO) 2023-2024 Edition of the Technical Instructions (Doc 9284) requirements for lithium batteries. This document does not replace any regulation and is not considered training.

Lithium-Ion battery shipping regulations. When shipping L i-ion batteries via air, sea, rail, or road, compliance with the United Nations Standard 38.3 is a critical requirement. This standard, a part of the UN Manual of Tests and Criteria, applies to both standalone batteries and those integrated into devices.

UPS will ship lithium ion batteries for 48 US states, excluding Alaska, Hawaii, and Puerto Rico. However, they have restrictions on damaged, defective, or recalled batteries and require pre-approval for shipping.

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.

Any package bearing a lithium battery shipping label should also be marked as dangerous goods and have the necessary documentation; It may be necessary to use specialized packaging to ensure the safety; Lithium Metal Batteries These are batteries that use lithium as an anode. They have a long life and can produce anywhere between 1.5V-3.7V.

ping lithium batteries by air serviceRegulations difer 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

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.



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How to Ship Lithium Batteries Outside of a Device. Take note of the lithium content for each battery and the content of lithium per cell within the battery, and record the information for consultation after packaging. Verify your shipment container is an approved mailer. The container must have a gross weight of less than 30 kg and must pass a ...

Note. Effective July 1, 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.

How to ship lithium batteries. Broadly speaking, lithium batteries fall into two main categories: Lithium metal batteries and cells are typically single use and contain metallic lithium. They are not rechargeable, but they do have a longer life than standard alkaline batteries/cells, making them ideal power sources for devices that are out of reach, such as ...

Lithium batteries are defined in international regulations and by many transport companies as a hazardous material (HazMat). This applies to both Lithium Metal batteries (disposable) and Lithium Ion batteries (rechargeable), even though the latter do not actually contain lithium. The restrictions apply not strictly because of the lithium content, but because ...

USPS Packaging Instruction 9E Lithium Metal and Lithium-ion Cells and Batteries -- International and APO/FPO/DPO. Lithium metal (non-rechargeable) cells and batteries and lithium-ion (rechargeable) cells and batteries are mailable in limited quantities internationally or to and from APO, FPO, or DPO locations only when they are properly installed in the equipment they operate.

Lithium batteries are commonly used in devices like mobile phones, laptops, PDAs, watches, cameras, and even children's toys. Lithium battery shipments or shipments with items that contain charged batteries may overheat and ignite in certain conditions and, once ignited, may be ...

This guide is based upon the 2021 "IATA Dangerous Goods Regulations" and provides a general overview of lithium battery shipping requirements. It does not provide complete shipping information. Consult the packing instruction and all applicable Special ...

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