

# Usps lithium battery restrictions





## Overview

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USPS Standards for Domestic Shipments Containing Lithium Batteries Each cell cannot contain more than 1 gram of lithium Each battery cannot contain more than 2 grams of lithium All packages must contain a complete return address For non-installed batteries, your package must have a DOT-approved lithium battery mark (UN3090)Can I ship lithium batteries via USPS?

#1:Yes, you can ship lithium batteries via USPS. However. There are currently six types of lithium batteries eligible for shipment, in varying domestic or international quantities, via USPS: Don't forget the new lithium battery marks that became mandatory this year!.

Can lithium batteries be used in international mail?

For international mail, the lithium batteries MUST be installed in the equipment. ■ Not to exceed 4 cells or 2 batteries per package. ■ Lithium batteries alone, or lithium batteries packed with (but not installed in) equipment, are not acceptable for international mailing.

Are lithium ion batteries mailable?

Lithium metal and lithium-ion cells and batteries installed in the equipment they are intended to operate (UN3091 and UN3481) are mailable. Lithium metal and lithium-ion cells and batteries not packed in equipment (i.e., batteries packed with equipment or batteries sent separately from equipment) are prohibited.

What are the restrictions on the mailability of a lithium battery?

The following restrictions apply to the mailability of all primary lithium (nonrechargeable) cells and batteries: 1. Each cell must contain no more than 1.0 gram (g) of lithium content per cell. 2. Each battery must contain no more than 2.0 g aggregate lithium content per battery. 3.

Did the postal service change the shipping standards for lithium batteries?



The Postal Service announced these revisions via a Federal Register notice titled “Revision to Mailing Standards for Lithium Batteries,” which was published on July 26, 2017 (82 FR 34712–34715).

Can a lithium battery be attached to a mailpiece?

Except for mailpieces containing button cell batteries properly installed in the equipment they are intended to operate, mailpieces containing mailable lithium metal or lithium-ion batteries must be rigid, sealed, and of adequate size, so the lithium battery mark can be affixed to the address side without the mark being folded.



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### Battery Shipping via USPS: Guidelines and Restrictions

USPS classifies lithium batteries into two main categories: lithium-ion batteries (rechargeable) and lithium-metal batteries (non-rechargeable). When shipping lithium-ion batteries, they must be marked with specific hazardous materials warning labels and identified as "lithium-ion batteries," indicating that they are rechargeable.

### [Hazardous materials - USPS Employee News](#)

To ensure visibility, these packages must be marked "Restricted Electronic Device" and "Surface Transportation Only," in addition to any other applicable markings. Customers are not allowed to use Priority Express, Priority Mail or First-Class Package Service to ship pre-owned, damaged or defective electronic devices by air.



### [622 Mailable Hazardous Materials](#)

Each lithium metal cell and battery must contain no more than 0.3 gram of lithium content. Each lithium-ion cell/battery must have a watt-hour rating of not more than 2.7 Wh. Mailpieces must not bear markings or labels identifying the contents as lithium

### Understanding USPS Battery Shipping Restrictions

Rules for shipping batteries via USPS Restrictions  
Properly package the battery Size and quantity limitations for lithium-ion batteries Label the package correctly Restrictions on shipping



batteries to certain locations Follow any additional restrictions Restrictions on

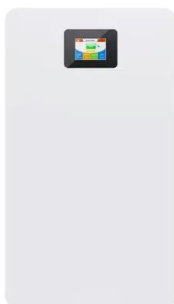


### [Shipping Restrictions & HAZMAT](#)

HAZMAT also includes lithium batteries (like the ones in cell phones and electronics; they contain a lot of energy and can be a fire risk) and liquid mercury: Some HAZMAT is prohibited--you can't send it through USPS and must use ...

### [DMM Revision: Mailings of Lithium Batteries](#)

DMM Revision: Mailings of Lithium Batteries Effective May 16, 2012, the Postal Service will revise Mailing Standards of the United States Postal Service, Domestic Mail Manual (DMM ®) section 601.10.20 to codify that primary lithium metal or lithium alloy (nonrechargeable) cells and batteries or secondary lithium-ion cells and batteries (rechargeable) are prohibited when mailed interna



### [USPS Packaging Instruction 9D](#)

USPS Packaging Instruction 9D Lithium Metal and Lithium-ion Cells and Batteries -- Domestic Except according to 349.21, lithium metal (nonrechargeable) cells and batteries and lithium-ion (rechargeable) cells and batteries are mailable in limited quantities domestically via air or surface transportation when they are installed in or packed with the equipment they are intended to ...



### How to Ship a Battery with USPS: A Step-by-Step Guide

It is important to note that certain restrictions and prohibitions may apply when shipping lithium-ion batteries through USPS, depending on the battery's capacity and other factors. It is advisable to check USPS's official website or consult with USPS personnel for up-to-date information and guidance.



### [CHECK FOR LITHIUM BATTERIES](#)

If your international parcel contains lithium batteries, use this guide to ensure the batteries are permitted in the mail. Lithium batteries must be installed in the small consumer electronic ...

### Heads up usps changed their lithium battery rules

Heads up. USPS changed their Lithium Battery Rules June 6th. Any used equipment with lithium batterues has to now be sent ground only. No Priority Mail. This includes new laptops sent to you opened and configured and then sent on to your employee.



### [135 Mailable Dangerous Goods](#)

135.64 Lithium-ion or Lithium Polymer (Rechargeable) Cells and Batteries Small consumer-type lithium-ion or lithium polymer (rechargeable) cells and batteries like those used to power cell phones and laptop computers are mailable in a single shipment with the



## Are Lithium Battery Labels Available At The Post Office?

- For example, USPS generally allows lithium-ion batteries with a maximum rating of 100 Wh per package, and lithium metal batteries with a maximum rating of 2 grams. - Special permits may be required for shipments exceeding these limitations.



## USPS issues new shipping requirements for used electronics and ...

Additionally, pre-owned, damaged or defective electronic devices -- such as cellphones, laptops, tablets -- that either contain or are packed with lithium batteries must be mailed by surface transportation using Parcel Select Ground or USPS Retail Ground, .

## Retail

c. Battery (multi-cell battery) -- maximum 2 grams of lithium or 100 Wh capacity. Once you can answer these three questions, use the information in Publication 52, Appendix C, Packaging Instruction 9D (domestic) or Packaging Instruction 9E (international and APO/FPO/DPO) to determine the following:



## Lithium Battery International Shipping with USPS

Before diving into the USPS guidelines, it is important to understand the two main types of lithium batteries: lithium-ion batteries and lithium metal batteries. Both types have their own set of rules and restrictions for shipping.



## USPS Lithium Battery Shipping Rules 2023: Essential Guidelines ...

Explore the latest USPS lithium battery regulations for 2023. Our comprehensive guide covers shipping restrictions, labeling requirements, and compliance tips to ensure the safe transport of lithium batteries. Stay informed and avoid penalties with our in-depth

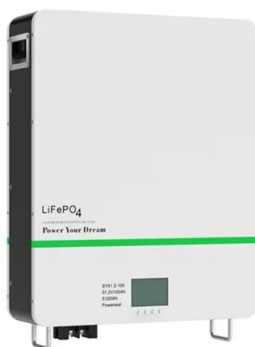


### Lithium Batteries and Hazardous Materials in the Mail

USPS Mailing Services team provides strategic incentives, offering various benefits and advantages to businesses and individuals. Lithium Batteries and Hazardous Materials in the Mail Lithium Batteries and Hazardous Materials in the January 01 Feedback

### Summary of USPS Publication 52: Shipping Lithium Batteries

United States Parcel Service (USPS) published a notice in the Federal Register that describes revisions to USPS Publication 52, Hazardous Restricted, and Perishable Mail. These revisions closely align USPS requirements for shipping lithium cells and batteries with those found in both the U.S. D.O.T. and international regulations.



### Why does USPS Keep Returning packages with Lithium batteries

that either contain or are packed with lithium batteries must be mailed by surface transportation using Parcel Select Ground or USPS Retail Ground, Parcel Return Service or Ground Return Service. To ensure visibility, these packages must be marked "Restricted Electronic Device" and "Surface Transportation Only," in addition to any other applicable markings.



### [How to Ship Lithium Ion Batteries](#)

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 ...



### **Publications**

Publications Publication 52 Revision: Required Hazardous Materials Separations Effective June 16, 2022, the Postal Service is revising Publication 52, Hazardous, Restricted, and Perishable Mail (Pub 52), to incorporate new requirements for mailers to separate, into identifiable containers, all hazardous material (HAZMAT) requiring hazardous marks or labels from other ...

### [CHECK FOR LITHIUM BATTERIES](#)

Batteries exceeding allowable size/power limits  
ACCEPTABLE NOT-ACCEPTABLE Uninstalled batteries For international mail, the lithium batteries MUST be installed in the equipment. Not to exceed 4 cells or 2 batteries per package. (but notare not



### [DMM Revision: Mailings of Lithium Batteries](#)

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### Mailing Lithium Batteries: Belize's Restrictions And Regulations

Mailing lithium batteries is a complex process due to safety concerns. In the US, the United States Postal Service (USPS) outlines the requirements for mailing such batteries in Publication 52, also known as Hazardous, Restricted, and Perishable Mail. While it is



### Shipping Toys with Lithium Batteries via USPS: The Ultimate ...

Quantity limits: Packages cannot contain more than 4 lithium metal cells or 2 lithium metal batteries, and cells can't exceed 1 gram of lithium content while batteries can't exceed 2 grams. For lithium-ion, packages are limited to 4 cells or 2 batteries with a maximum of 20 Wh per cell and 100 Wh per battery.



### Prohibited, Restricted, and Non-Mailable Items

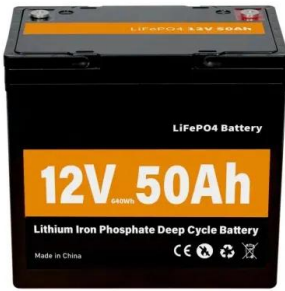
INFORM YOURSELF Learn more about the hazardous, non-mailable, prohibited, and restrictive material by reading the United States Postal Service's Publication 52 - Hazardous, Restricted, and Perishable Mail, which can be found [HERE](#) BE HONEST When





### Shipping Batteries with USPS: A Comprehensive Guide

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 ...

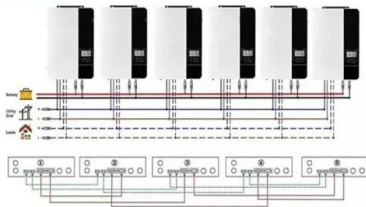


#### Can You Ship Lithium Batteries via the USPS?

Lithium batteries are classified as domestically restricted items and as miscellaneous hazardous materials in the USPS domestic shipping guidelines, which means they can be sent in the U.S. mail under certain conditions.

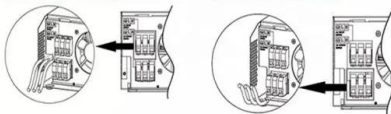


#### Parallel (Parallel operation up to 6 unit (only with battery connected))



AC input wires

AC output wires



#### USPS Packaging Instruction 9D

Lithium Metal and Lithium-ion Cells and Batteries -- Domestic. Except according to 349.21, lithium metal (nonrechargeable) cells and batteries and lithium-ion (rechargeable) cells and ...

#### **APO Shipping Restrictions**

Note that brand new unopened items with lithium batteries, meeting the qualification for mailing, can be sent only when they are not listed in base-specific restrictions. These items are considered the usual culprits because they consistently appear on restricted lists and can cause safety issues during transport.





### **Shipping lithium batteries by mail: 3 things you must know**

#1: Yes, you can ship lithium batteries via USPS. However ... There are currently six types of lithium batteries eligible for shipment, in varying domestic or international ...

## **Contact Us**

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For catalog requests, pricing, or partnerships, please visit:  
<https://www.vdbconstruction.co.za>