

# Can you bring lithium ion batteries on a plane





## Overview

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The short answer is yes, you can bring lithium batteries and lithium battery powered devices on planes. However, there are limits and instructions on how to safely pack them. The key message, according to the FAA, is that items with lithium-ion batteries (like portable electronics and vapes) should be packed in your carry on. Can you bring a battery on a plane?

Requirements vary based on the type of device and size of battery. Spare (uninstalled) lithium metal batteries and lithium ion batteries, portable rechargers, electronic cigarettes and vaping devices are prohibited in checked baggage. They must be carried with the passenger in carry-on baggage.

Can you carry a lithium ion battery on a plane?

Lithium-ion batteries, including those in laptops and power banks, are allowed but limited to 100 watt hours per battery, with the option to carry up to two larger 101-160-watt-hour batteries with airline approval. Lithium metal (non-rechargeable) batteries are permitted up to 2 grams of lithium per battery.

What batteries are allowed in carry-on luggage?

Batteries allowed in carry-on baggage include: Dry cell rechargeable batteries such as Nickel Metal Hydride (NiMH) and Nickel Cadmium (NiCad). For rechargeable lithium ion batteries; see next paragraph. Lithium ion batteries (a.k.a.: rechargeable lithium, lithium polymer, LIPO, secondary lithium).

Can a lithium battery be carried by air?

You can prepare them for travel by: Whether a lithium battery can be carried by air or not depends on its configuration and its Watt-hour (Wh) rating (for rechargeable lithium-ion/polymer batteries) or Lithium Content (LC) (for non-rechargeable lithium metal batteries).

Can lithium batteries cause a fire on a plane?

Smoke and fire incidents involving lithium batteries can be mitigated by the



cabin crew and passengers inside the aircraft cabin. If carry-on baggage is checked at the gate or planeside, spare lithium batteries, electronic cigarettes, and vaping devices must be removed from the baggage and kept with the passenger in the aircraft cabin.

What can I bring on a plane?

What Can I Bring?

Spare (uninstalled) lithium ion and lithium metal batteries, including power banks and cell phone battery charging cases, must be carried in carry-on baggage only. With airline approval, passengers may also carry up to two spare larger lithium ion batteries (101-160 Wh) or lithium metal batteries (2-8 grams).



## Can you bring lithium ion batteries on a plane

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### PASSENGERS TRAVELLING WITH LITHIUM BATTERIES

The baggage must be carried in the cabin. Baggage where the lithium battery is designed to charge other devices and cannot be removed is forbidden for carriage. Please contact your ...

### Are Camera Batteries Allowed On Planes?

You can bring two larger lithium-ion batteries that are between 100 and 160 wh. Any lithium battery that is over 160 watt hours can't be brought in carry on luggage or checked luggage. Why You Should Always Pack Camera Equipment In Carry On Only



### **How To Travel With Batteries On A Plane. Ultimate Guide To ...**

Additionally, spare lithium-ion batteries with more than 100 watt-hours (Wh) or lithium metal batteries with more than 2 grams of lithium content are not allowed on planes at all. It's important to do your research before packing any type of battery for air travel to ensure compliance with airline regulations and keep everyone safe during the flight.

### Spare batteries and powerbanks.

All other battery restrictions still apply e.g. no more than two spare lithium batteries exceeding 100Wh and up to 160Wh, are permitted and forms part of the total carried. A combination of



batteries may be carried e.g. 10 x 98Wh lithium ion + 2 x 138Wh lithium



### **Banned and restricted items onboard , Baggage**

Find out more about which dangerous items you can and can't bring on-board the aircraft. Home Book My Booking Check in Lithium ion batteries for portable (including medical) electronic devices, a Wh rating exceeding 100 Wh but not exceeding 160 Wh

### **Can You Bring Batteries On A Plane? TSA Battery ...**

TSA Dry Batteries (AA, AAA, C, and D) Rules You can also keep non-lithium dry batteries such as nickel metal hydride, alkaline, and nickel-cadmium in your carry-on bag. They are allowed in usual sizes like AA, AAA, C, D, 9-volt, button cell, ...



### **Can You Bring Lithium Ion Batteries on a Plane?**

The FAA also has restrictions on the size and number of lithium-ion batteries that can be carried on a plane. In general, passengers can carry lithium-ion batteries with a capacity up to 100 watt-hours (Wh) without special ...



### Lithium Batteries in Baggage

Devices containing lithium metal batteries or lithium ion batteries, including - but not limited to - smartphones, tablets, cameras and laptops, should be kept in carry-on baggage. If these ...



### Can You Take Camera Batteries On Planes?

For lithium metal batteries, the limit is 2 grams of lithium per battery, while for lithium-ion batteries, the limit is 100-watt hours per battery. These limits cover most of the lithium batteries used in everyday electronic devices, including cameras. However, with airline

### **To pack or not to pack? Lithium ion batteries on planes**

The short answer is yes, you can bring lithium batteries and lithium battery powered devices on planes. However, there are limits and instructions on how to safely pack them. The key message, according to the FAA, is that items with lithium-ion batteries (like portable electronics and vapes) should be packed in your carry on.



### Spare batteries , Baggage information

Please note: Small vehicles powered by lithium ion batteries are forbidden in passenger checked and cabin baggage. Cathay Pacific passengers are not allowed to bring small vehicles running on lithium ion batteries onto the aircraft, per our guidelines. If these



## Travelling with batteries, power banks & battery-operated devices

Find information on which batteries, power banks and battery-operated devices are allowed on a plane and how to pack them safely. All batteries count toward your 20 battery limit. That includes dry cell alkaline and nickel-based batteries. You can carry up to two lithium batteries rated 100-160Wh or 2-8g of lithium content.



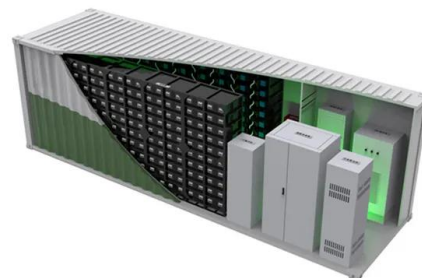
### How to Check Whether a Power Bank Is Allowed on a Plane

The power bank(s) you bring on board must be for your own personal use, not for sale or distribution. If you have a portable battery rated between 101 and 160 watt hours, you can obtain airline approval to carry this power bank on the plane. However, you can only

### Lithium batteries with 100 watt hours or less in a device

Carry On Bags: Yes. Checked Bags: Yes (Special Instructions) Spare (uninstalled) lithium ion and lithium metal batteries, including power banks and cell phone battery charging cases, must be

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### Can You Bring a Cordless Drill on a Plane? (The Ultimate Guide)

If your drill is too large or has a lithium-ion battery, you may not be able to bring it on the plane. Second, pack your drill in a way that makes it easy to identify. You don't want to have to rummage through your luggage to find your drill when you're going through security.



### Travelling with batteries and power packs

If you want to carry these kinds of lithium batteries, you must get approval from your airline before flying. If the battery is in a device, you may carry it in either checked or carry-on baggage.



### Can You Take Batteries On A Plane?

If your airline approves it you can bring a maximum of 2 larger lithium-ion batteries that are between 101 and 160 watt hours in your hand luggage. Or alternatively, you can pack 1 battery that is between 101 and 300 watt hours.

### **PackSafe**

These limits allow for nearly all types of lithium batteries used by the average person in their electronic devices. With airline approval, passengers may also carry up to two spare larger lithium ion batteries (101-160 Wh) or Lithium metal batteries (2-8 grams).



### **TSA battery rules: approved power banks & chargers**

Lithium-ion (rechargeable) batteries and portable batteries that contain lithium-ion can only be packed in carry-on baggage. They're limited to a rating of 100 watt hours (Wh) per



## Bringing drones & LiPo batteries on a plane: What you need to know

If this value is not marked on your batteries, you can calculate the watt-hours by multiplying ampere-hours by the volt-number. According to the Wizz Air website, drones are not allowed on the plane. However, some Lithium batteries may be taken along in the



### [Batteries Carried by Airline Passengers FAQ](#)

Except for spare (uninstalled) lithium metal and lithium-ion batteries, all the batteries allowed in carry-on baggage are also allowed in checked baggage. The batteries must be protected from ...

## Can You Bring Batteries on a Plane? (It Depends)

Whether you can bring batteries on a plane depends on the type of batteries, if they are installed in a device or not, There is a limit of two spare batteries per person for the larger lithium-ion batteries that are 101-160 watts depending on airline approval.



## Can You Bring Battery Pack On Plane? Avoiding Issues 101 [in ...

Can you bring a battery pack on a plane? Yes, you can bring a battery pack on a plane. However, there are some restrictions. Lithium-ion batteries (commonly found in power banks) with a capacity of less than 100Wh are allowed in both carry-on and checked





## Traveling with Power: Can You Bring a Ryobi Battery on a Plane?

Yes, you can take a Ryobi battery on a plane as long as it is within the airline's size and weight restrictions for carry-on or checked luggage. It's important to check with your specific airline for their regulations and guidelines regarding lithium-ion batteries to ensure

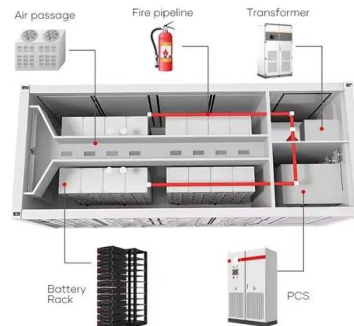


## Lithium batteries with 100 watt hours or less in a device

Lithium metal (non-rechargeable) batteries are limited to 2 grams of lithium per battery. Lithium ion (rechargeable) batteries are limited to a rating of 100 watt hours (Wh) per battery. These limits allow for nearly all types of lithium batteries used by the average

## Regulations: Can You Bring Lithium Batteries on a Plane?

Spare lithium batteries, such as lithium ion and lithium metal batteries, can be brought on a plane. However, they must be carried in carry-on baggage only. Passengers may also carry up to two spare larger lithium ion batteries ...



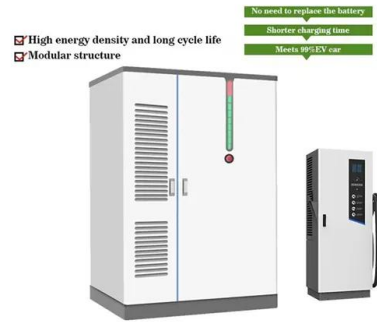
## [Can You Bring Lithium Batteries on a Plane?](#)

It is generally allowed to bring lithium-ion or lithium-metal batteries with a watt-hour rating below 100 Wh as part of your carry-on baggage. However, if the battery exceeds this limit, it may require special approval from the airline.



### PASSENGERS TRAVELLING WITH LITHIUM BATTERIES

batteries by passengers is dependent on the Watt-hour (Wh) rating for lithium ion (rechargeable) batteries or the lithium metal content in grams (g) for lithium metal (non-rechargeable) batteries. Use the below table to determine if your PED, PMED or spare battery(ies) can be carried.

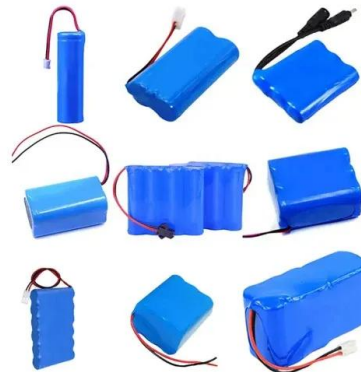


### **Lithium batteries with more than 100 watt hours**

Spare (uninstalled) lithium ion and lithium metal batteries, including power banks and cell phone battery charging cases, must be carried in carry-on baggage only. With airline approval, ...

### Battery or Fuel-Powered Items

Passengers are permitted to travel with lithium ion batteries that contain a maximum of 160-watt hours per battery. For more information on dangerous goods, visit the FAA's Pack Safe page and TSA What Can I Bring page. Damaged, defective or recalled



### Can You Bring Batteries on a Plane?

Is There a Limit to How Many Batteries You Can Bring on a Plane? Batteries and battery-powered devices must be for personal use (not for sale). There is a two-spare limit on large lithium-ion and



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