

Can you carry lithium batteries on a plane?

If you need assistance with screening, you may ask for a Passenger Support Specialist or a Supervisory TSA Officer. Devices containing lithium metal or lithium ion batteries should be carried in carry-on baggage. Most other consumer electronic devices containing batteries are allowed in carry-on and checked baggage.

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).

Are batteries allowed in checked baggage?

Spare lithium metal and lithium ion/polymer batteries are prohibited in checked baggage--this includes external battery packs. Electronic cigarettes and vaporizers are also prohibited in checked baggage. "Checked baggage" includes bags checked at the gate or planeside. Q3. How do I determine the watt hours (Wh) rating of a battery? A3.

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.

Should you travel with lithium batteries?

Traveling with lithium batteries has become commonplace as they power everything from smartphones to laptops, cameras, and even medical devices. In May 2023, the Federal Aviation Administration (FAA) revealed that lithium-ion battery fires had jumped 42 percent in the last five years.

How do you use a lithium battery on a plane?

In-Flight Usage: Use devices powered by lithium batteries responsibly. Keep them in sleep mode or turned off when not in use. If you must use a device during the flight, keep it at a moderate temperature and avoid

# LITHIUM ION BATTERY CHECKED LUGGAGE



placing it under heavy items that could cause damage.



Any lithium ion battery containing more than 160-watt hours is prohibited from carriage on all passenger aircraft. Lithium ion batteries installed in a personal electronic device can be transported as checked or carry-on baggage. Lithium ion batteries not installed in a device (spares) must be in carry-on baggage and no more than two (2) spares



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. When a carry-on bag is checked at the gate or at planeside, all spare lithium batteries and power banks must be removed from the bag and kept with the passenger in the aircraft cabin.



Lithium-ion batteries with a capacity exceeding 100Wh are typically prohibited in checked baggage but allowed in carry-on luggage. Meanwhile, spare lithium-ion batteries with less than 100Wh can be packed in either checked or carry-on luggage as long as they are individually protected from short circuiting.

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The Federal Aviation Administration (FAA) suggests that each lithium-ion battery should not exceed 100 watt-hours (FAA, 2023). Checked Baggage: Airlines generally allow vibrators in checked luggage. However, it is advisable to pack them securely to avoid damage.



When preparing shipments containing lithium batteries, it is important to ensure the batteries are not in any way defective, damaged, or have the potential to produce a dangerous evolution of heat, fire or short circuit. When packaging lithium batteries for shipment, strong rigid outer packaging must be used.



Smart bags with integrated lithium batteries for the purpose of charging an external device or to provide power to the wheels of the bag with non-removable lithium batteries will not be accepted as cabin baggage or Check in baggage, ???

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A. Cabin baggage: Non-removable lithium battery must not exceed 0.3 g lithium metal or for lithium ion must not exceed 2.7 Wh. Removable lithium battery must not exceed 160 Wh. Removable lithium battery may remain installed in the device.



Lithium metal content must not exceed 0.3g of lithium; Lithium-ion batteries must not exceed 2.7Wh; Spare batteries are forbidden in checked baggage and must be carried in the cabin. If you can easily remove the lithium battery/power bank, the Smart Bag is permitted for carriage, subject to the following conditions:



Alaska Airlines: Alaska Airlines permits lithium-ion batteries under 100 watt-hours in checked baggage but requires that batteries larger than 100 watt-hours be in carry-on luggage. International carriers : Policies regarding lithium-ion batteries can vary significantly between international airlines, often influenced by regional regulations.



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Devices containing lithium metal or lithium ion batteries should be carried in carry-on baggage. Most other consumer devices containing batteries are allowed in carry-on and checked baggage. For more information to portable electronic devices, see the FAA regulations.



Moreover, each lithium-ion battery you carry must be within the airline's specified watt-hour limits. Typically, the Federal Aviation Administration (FAA) allows passengers to carry lithium-ion batteries with up to 100 watt-hours in their carry-on luggage without prior approval. In summary, packing Ryobi batteries or any other lithium-ion



If the battery is in a device, you may carry it in either checked or carry-on baggage. If the battery is a spare and not in the equipment, you must carry it in your carry-on baggage only. Lithium ion batteries 160Wh and over. You can't carry lithium batteries rated at 160Wh or more unless they're for wheelchairs and other mobility aids.

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Checked Bags: No; 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).



Completely turn off all devices with lithium-ion batteries that are in checked bags. Prevent short circuits by protecting battery terminals. This can be done with the manufacturer's packaging or by covering with tape and placing in a separate bag. Store spare batteries in carry-on bags. Lithium-ion batteries can't exceed 100 watt hours.



The power of lithium-ion batteries is specified in watt hours (Wh). The lithium content (LC) is stated for lithium metal batteries. Conversion aid for battery power: The suitcase may be transported as checked baggage without the battery. Note:

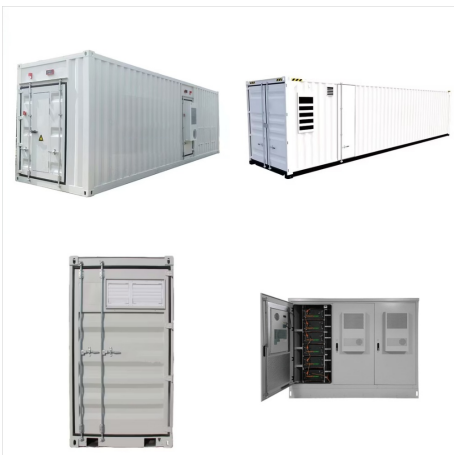
# LITHIUM ION BATTERY CHECKED LUGGAGE



A maximum of two larger lithium-ion batteries that are no more than 8 grams (0.2 oz) and up to 25 grams (0.8 oz) of equivalent lithium content per battery (i.e., larger extended-life laptop batteries) specifically, are potentially flammable and should not be packed in checked bags. If a lithium battery overheats and catches fire inside the



A combination of batteries may be carried e.g. 10 x 98Wh lithium ion + 2 x 138Wh lithium ion + 2 x 12V and 98Wh non-spillable + 6 x alkaline. Note: Watt hours (Wh) are determined by multiplying the voltage (V) by the amp hours (Ah). ie.  $12V \times 5Ah = 60Wh$ . Important. All spare batteries and powerbanks must be packed as carry-on baggage only.



Some things can go in your checked baggage, however - devices like mini-vibes which use regular batteries are fine, and (obviously) non-powered toys like the best Fleshlights are safe to pack away

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Lithium batteries are commonly used in electronic devices and can pose safety risks if mishandled or damaged. For this reason, there are restrictions on the transportation of certain lithium batteries in checked luggage: Spare Lithium Batteries. Spare lithium batteries (those not installed in a device) aren't allowed in checked luggage.



All battery packs face very strict guidelines for air travel. Lithium-ion (rechargeable) batteries and portable batteries that contain lithium-ion can only be packed in carry-on baggage. They're



Please ensure these items are not in your baggage. Baggage may contain items that are required to be carried with you onboard the aircraft. For example, spare lithium batteries for portable electronic devices and cigarette lighters must be removed from checked or gate-checked baggage and carried onboard the aircraft.



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How to fly with rechargeable batteries. There are many kinds of rechargeable batteries, but two types, lithium ion (Lion) and lithium polymer (Lipo) batteries, dominate the consumer electronics market, and are commonly used to power a range of devices, including computers, cameras, and even drones, that are commonly placed in checked or carry on baggage by passengers.



Battery-powered devices in checked baggage. Check out Transport Canada's Transportation of Dangerous Goods Directorate's Lithium Battery by Air Awareness video to learn how to safely handle and pack personal electronic devices containing lithium batteries while flying. Share with your friends and join the conversation on social media #



Baggage equipped with a lithium battery(ies) When equipped with a lithium battery(ies) exceeding: - for lithium metal batteries, a lithium content of 0.3 grams; or - for lithium ion batteries, a Watt-hour rating of 2.7 Wh must be carried as carry-on baggage unless the battery(ies)

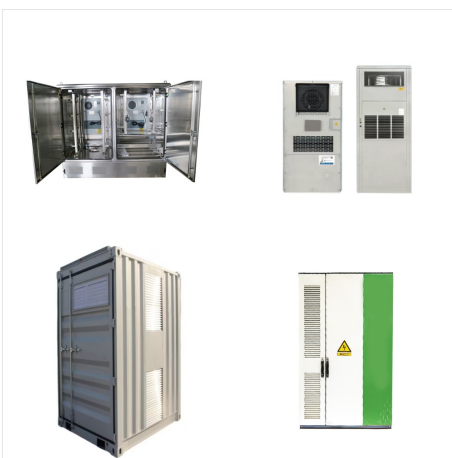
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Checked bags - yes. Please remove all batteries from devices in your checked bags and put them in your carry-on in separate plastic bags. Lithium-ion battery acceptance by Watt-hour (Wh): Less than 100 Wh ??? 4 spares in carry-on bag; 100 - 160 Wh ??? 2 spares in carry-on bag;



For companies that only ship lithium batteries, or products packaged with or containing lithium batteries is it more appropriate to take the Shipping Lithium Batteries by Air course to get a comprehensive look at how to ship lithium batteries and how to properly meet the requirements set out in the IATA Dangerous Goods Regulations .



I have been using an Anker PowerCore 20000 for a while now. This works with most devices, can charge an iPhone over 5 times, and is allowed in your carry-on bag. With your airline's approval, you can take devices that contain larger lithium-ion batteries (101-160 watt-hours per battery).

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Smart bags with a battery/power bank installed - Passenger baggage equipped with a lithium battery/power bank used to recharge/power a portable electronic device (PED) e.g. via a USB port, are permitted provided the lithium battery or power bank is removable from the baggage and is carried in the cabin. Baggage checked in must have the