

Can lithium batteries be shipped on planes?

The ban went into effect April 1, 2016, and remains in force. Since lithium metal batteries (UN3090) were already prohibited, the new regulation meant not only lithium metal batteries, but also lithium ion batteries, in any quantity or packaging, could be shipped as cargo on passenger aircraft.

How do I ship lithium batteries by air?

A table in the Lithium Battery Shipping Regulations manual gives the precise weight of batteries per package on both cargo and passenger aircraft. All marks and labels must be clearly visible on the exterior of all packages and overpacks. Proper marking and labeling is required when shipping lithium batteries by air.

Can I ship a lithium battery cross-border?

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](#).

Can You ship a battery across a country?

Many electronic products and devices contain batteries - in particular, lithium batteries, which are commonly found in laptops, smartphones, tablets, medical devices and power tools. 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.

Is lithium battery shipping dangerous?

While classified as a dangerous good, lithium battery shipping takes very specific requirements. that you can find inside the Dangerous Goods Regulations. However, if you only ship lithium batteries you can purchase the Lithium Batteries Shipping Regulations as a standalone manual.

Does IATA offer a shipping lithium batteries by air course?

For proper training on dangerous goods including the Shipping Lithium Batteries by Air course, IATA offers a wide variety of safety courses to ensure you are competent in dealing with dangerous goods. This is required

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for all who participate in the shipping and handling of dangerous goods.



Effectively, when shipping any lithium batteries you should ensure you adhere to the Dangerous goods regulations. Whilst you can see further specific later in this guide, you should use good quality, sturdy packaging, ensure the devices / batteries cannot move or become "activated" during transit, ensure the appropriate labelling in place (depending on how many ???



Recalled or recycled batteries Never use Air services to ship batteries recalled by the manufacturer for safety reasons, as such shipments are prohibited by regulation (i.e., IATA Dangerous Goods Because lithium batteries are designed to provide high levels of power, the electrical energy in these batteries is significant,



You can also read our quick reference guide for sending lithium batteries (PDF 495kB). Sending lithium batteries overseas. Shipments of electronic items containing lithium cells and batteries are prohibited when sent using the International Courier product. You cannot send lithium batteries to Bhutan, Germany, Italy, Laos, Macao or Thailand. If

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Alternatives to Shipping Lithium Batteries by Air.  
Alternatives to Shipping Lithium Batteries by Air.  
When it comes to shipping lithium batteries, air transportation may not always be the best option. Due to safety concerns and regulations, you might need to explore alternative methods for transporting these powerful energy sources.



Shipped out of USA. When shipping papers (Bill of lading forms, Dangerous Goods Declaration forms) are required, all lithium battery shipments to, from or through the United States must have written emergency response information accompany the shipment.



transport by air of lithium batteries as set out in the DGR. Specifically, the document provides information on: All other lithium metal cells and batteries can only be shipped on a passenger aircraft under exemption issued by all States concerned. Figure 1 - Example of Lithium Metal Cells and Batteries

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When shipping lithium batteries by air, many people come in contact with them, and they must all be trained and certified in the safe handling of lithium batteries. This includes freight forwarders, cargo handling facilities, ???



When it comes to shipping batteries by air, certain regulations and guidelines dictate which types can be transported safely. Generally, lithium-ion and lithium polymer batteries are commonly shipped by air, provided they meet specific criteria regarding their watt-hour (Wh) ratings and packaging requirements. Batteries that comply with these regulations can be ???



Lithium batteries can still be shipped by air despite the restrictions set in place by the DOT. However, shipping these batteries via air comes with stipulations to reduce the risk to people's health, safety and property. Independent lithium batteries not installed in a device or packed with their related device can't be shipped as cargo on



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Since large format lithium batteries powerful enough for data centers typically weigh far more than 35 kg, your battery most likely can't be shipped by air without a competent authority approval. (We should also note that the above regulation applies only to batteries that are not damaged, defective or recalled.



However, Li-ion batteries that are integrated into equipment can be shipped by air, with limitations on the quantity of batteries and the type of equipment they are installed in. For standalone lithium-ion batteries, bulk shipment via cargo aircraft is possible, but they must be packed in an approved manner to prevent short circuits.



Recalled or recycled batteries Never use Air services to ship batteries recalled by the manufacturer for safety reasons, as such shipments are prohibited by regulation (i.e., Every shipper of lithium batteries via air transport has the responsibility to comply with IATA 3.9.2.6.1(g) requirements as of 01

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"Lithium ion batteries, in compliance with Section II of PI967"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



requirements for shipping lithium batteries via domestic US ground (49 CFR 171-180 in effect 1-Jan-2022), international air (2022 IATA DGR, 63rd Edition) and international MEDIUM BATTERY; Not applicable to air transport Not applicable to vessel transport 300 WH FULLY REGULATED CELL



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 !

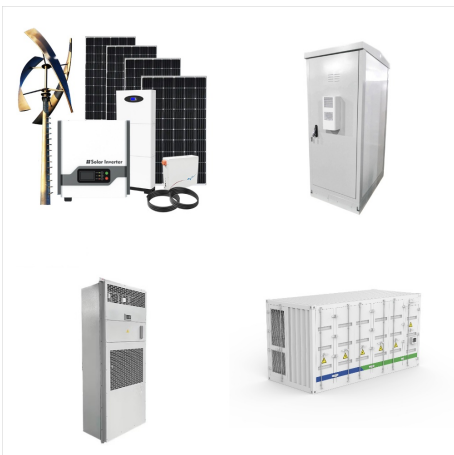
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LITHIUM BATTERY SHIPPING GUIDE . JANUARY 1, 2023 . The following guide provides a summary of marking, labeling and paperwork requirements for shipping lithium batteries via domestic US ground (49 CFR 171-180 in effect 1-Jan-2023), international air (2023 IATA DGR, 64th Edition) and international vessel (IMDG, 40-20).



But there's good news: Lithium-ion batteries can be shipped safely by air if shippers take proper precautions. As with all hazardous goods, safely shipping lithium-ion batteries by air requires having personnel with the appropriate ???

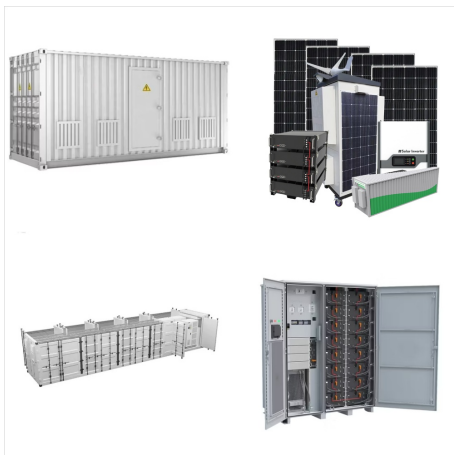


??? Revision to the lithium battery mark. A telephone number is no longer required on the lithium battery mark. Lithium battery marks with a phone number may continue to be applied until December 31, 2026. ??? Packing Instructions 965 and 968 ??? removal of Section II ??? Packing Instructions 966 and 969 ??? clarification on protection against

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The lithium batteries must be of a type that have successfully passed the UN38.3 tests and contain the necessary systems to prevent overcharge and over discharge between the batteries.



Now, lithium battery shipments that fit the criteria for Section II must adhere to shipping using Section IA or IB of the Packing Instruction. You can read more about the IATA's regulation update [here](#). Note, this update also effects ???



Shipping Lithium Batteries. Open or Close content below Live Animals. Except in limited circumstances, pets and warm-blooded animals may not go in the mail. You are responsible for knowing the toxicity of the material you want to mail. Some poisons may be sent by air and ground transport, others only by ground. Mailable Class 6 Materials



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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.



For example, via air, lithium metal and lithium-ion batteries are prohibited from being shipped as standalone items on passenger aircraft although they can be shipped on cargo aircraft when packed in accordance with Packing Instruction 965.



USPS international mailing guidelines explain what you may ship overseas by air and with APO, FPO, and DPO. You may not ship hand sanitizer or flammable sanitizing wipes overseas. Countries have different rules for receiving hazardous or dangerous goods, restricted or prohibited items, food, batteries, alcohol, liquids, and tobacco products.

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Labeling. All Li-ion shipment must include the CAUTION labels as shown in Figure 3a to indicate the presence of lithium batteries. Since lithium batteries are only allowed in cargo aircraft, also attach the "Cargo Aircraft Only" label illustrated in Figure 3b. Batteries shipped Class 9 in Section IA and IB must include the Class 9 label as per Figure 3c.



Can you still ship lithium batteries by air? Yes. Batteries packed with or in equipment (UN 3091 and 3481) may still be shipped compliantly, subject to regulations. (Passengers may still transport their battery powered devices and spare batteries in their carry-on bags???)for now.



Under their SafeCargo initiative, the FAA provides a series of guides to properly shipping hazardous materials by air, including a chart for shipping lithium ion and lithium metal batteries. Spare batteries, including baggage equipped with lithium batteries, can be packed in carry-on baggage if steps are taken to protect against short circuits.