

Why is IATA promoting the viability of Air Transport for lithium-ion batteries?

That's why the International Air Transport Association (IATA) is promoting the increased viability of air transport for lithium-ion batteries through a four-part approach: Promote the development of outcome-based, harmonized safety-related screening standards and processes for lithium batteries.

Are lithium batteries allowed in air transport?

Here's a fully updated overview of the current air transport regulations for all types of lithium batteries and devices. All standalone lithium batteries are prohibited as cargo on passenger aircraft.

Can lithium-ion batteries be shipped by air?

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 expertise and training and complying with strict labeling and packaging requirements.

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.

Are lithium batteries safe to ship?

The International Air Transport Association (IATA) has now published a white paper with the attractive title "Make Lithium Batteries safe to ship". The paper deals with incidents involving lithium batteries and ways to make battery logistics in air transportation safer.

What are the shipping requirements for lithium ion batteries?

In addition, lithium-ion cells and batteries shipped by themselves must be shipped at a state of charge not exceeding 30% of their rated capacity. Lithium batteries are dangerous goods, and all of the regulatory requirements must be complied with, as set out in the Lithium Battery Shipping Regulations.

from January 1, 2026, during Air Transportation, Lithium-Ion Batteries Packaged with Equipment Powered by Lithium-Ion Batteries and Vehicles Will Need to Be Transported by Air under the Condition That the Batteries Are in a Low Charging State. These Changes Have Been Adopted by the International Civil Aviation Organization and Included in ...

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Lithium-ion battery transportation on aircraft. IATA (International Air Transport Association) estimates that

over a billion lithium cells are flown all over the world each year. To ensure that they do not put an aircraft and its occupants at risk, there are international standards in place, under the provisions of the Chicago Convention. ...

Any lithium batteries with SoC over 30% will require approval from the appropriate authorities, effective by 2025 and fully mandatory by 2026 for batteries over 2.7 Wh. For example, in scenarios where electronic devices ship with lithium ...

The Civil Aviation Administration of China (CAAC) has issued regulations on Transport of Dangerous Goods by Air (CCAR-276-R1). Lithium battery shipments by air are ...

In International Air Transport Association (IATA), it can be assorted into two types: 1. Lithium metal battery: it is a disposable (non-rechargeable) battery primarily used in watches, calculators, etc. 2. Lithium-ion battery: it refers to a ...

ICAO Lithium Batteries on Planes Rules Civil Aviation Authority (CAA) and UK airline operators have restrictions on flying with certain types of batteries carried either on your person or in your baggage. Most battery-powered devices need ...

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You can stay current on the latest regulations and variations for lithium battery transport on our Lithium Battery Shipping News page. But remember-- it's forbidden to ...

Battery packaging for Lithium Ion is tightly regulated by various legislation, including UN3480, UN3481 and IATA specific rules ... These regulations are governed by the ...

The International Air Transport Association (IATA) has issued new guidance on the transportation of Lithium Metal, Lithium Ion and Sodium Ion Batteries. Article Credit: ...

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