

Lithium battery pack foreign trade







Overview

Governments enforce tariffs, quotas, and safety certifications to manage lithium-ion battery trade. The EU's Battery Regulation mandates carbon footprint disclosures, while the U.S. imposes Section 301 tariffs on Chinese batteries. Exporters must comply with UN38.3 transport safety standards. Which countries import lithium-ion batteries?

Lithium-ion batteries power various technologies, from smartphones to electric vehicles and grid storage. China dominates the global lithium battery supply chain, producing over 75% of the world's lithium-ion battery cells. The U.S. imports nearly 70% of its lithium batteries from China, making tariffs on these products highly impactful.

How will US tariffs affect Chinese lithium batteries in 2025?

U.S. tariffs on Chinese lithium batteries have become a critical factor shaping the global battery market in 2025. These tariffs directly impact lithium-ion batteries' cost, supply chain, and competitiveness, essential for electric vehicles (EVs), renewable energy storage, and consumer electronics.

What is the US tariff policy on lithium ion batteries?

In April 2025, the U.S. government updated its tariff policy on lithium-ion batteries imported from China. The current tariff structure includes: A 3.4% global tariff on lithium-ion batteries, regardless of origin. A Section 301 tariff targeting Chinese imports, currently at 7.5%, is scheduled to rise to 25% by January 2026.

How does US trade policy affect lithium-ion battery production & deployment?

Gaps in U.S. trade policy also drive up the costs of LIB production and deployment in the United States, as well as the manufacturing and deployment costs of key LIB-powered products. Current U.S. most-favored nation (MFN) rates for lithium-ion battery products still impose barriers on the ability to procure these goods.



Can lithium-ion batteries be shipped around the world?

Lithium-ion batteries can be shipped around the world; however, some transportation methods will have different rules. For example, the IATA and ICAO have specific rules for shipping lithium-ion batteries by air. There have been incidents of batteries causing fires within the aircraft and forcing emergency landings.

What happens if you import lithium batteries from China?

At minimum, such imports from China could result in a tariff exceeding 145% ad valorem. This tariff, whatever it may be when you import your lithium batteries, will be added on to Section 301 tariffs. Due to how expensive it is to import from China, you'll either need to budget accordingly or find a supplier in another country.



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<u>Friendshoring the Lithium-Ion Battery</u> <u>Supply Chain: Final</u>

This analysis then examines trade and economic policy challenges that hinder the production and deployment of lithium-ion batteries and their end products.

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Supply Chain for EV Batteries: 2020 Trade and Value-added ...

The situation regarding the HS classification remains unchanged over the last few years; HS

Lithium-Ion Battery Materials for Electric Vehicles and their ...

Abstract Lithium, cobalt, nickel, and graphite are integral materials in the composition of lithiumion batteries (LIBs) for electric vehicles. This paper is one of a five-part series of working ...

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After 15 years of rapid development and accumulation, we have rich experience in international logistics and transportation of battery products, and have ...



subheading 8507.60 is where lithium-ion batteries for all uses are categorized for purposes of ...

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Customs ruling of the Week

In a decision impacting the electric vehicle, renewables, and other related industries, U.S. Customs and Border Protection (CBP) discusses the country of origin of ...

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<u>Battery laws in the top EV producing</u> countries

The country introduced several regulations focused on the lithium battery industry to foster industry growth while improving health and safety, and encouraging ...

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Certain Lithium Ion Batteries, Battery Cells, Battery Modules, ...

The complaint, as supplemented, alleges violations of Section 337 of the Tariff Act of 1930, as amended, 19 U.S.C. 1337, in the importation and sale of certain lithium ion batteries, battery



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<u>Importing Lithium Batteries: Power for a</u> Green World

Discover the key to successful lithium battery imports. Our article breaks down regulations and potential risks for importing lithium batteries for

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<u>DEPARTMENT OF COMMERCE Foreign-</u> Trade Zones ...

The proposed finished products include high voltage lithium battery systems, high voltage battery system control cabinets, and liquid cooled battery packs (duty rate ranges from 2.7 to 3.4%). ...

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How Trade Policies Affect Lithium Battery Exports and Imports

Learn how trade policies are shaping lithium battery production and innovation, from supply chain disruptions to international competition.





Lithium Ion Battery Electric Scooter 1000w 2000w Citycoco 60v ...

1. Support customized electric motorcycle battery packs of various capacities and sheet metal shells 2.Built-in intelligent BMS, support App control, LCD power display 3.Safe and reliable ...

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Global Trade Disruption: What New US Tariffs Mean for the Battery

A significant cost escalation for Chinese-made LFP battery cells, which are central to US energy storage deployment. These cells now face a combined tariff of 64.9%, rising to ...

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72V 60Ah Electric Motorcycle Ebike Battery 72Volt Lithium Ion Pack ...

1. Support customized electric motorcycle battery packs of various capacities and sheet metal shells 2.Built-in intelligent BMS, support App control, LCD power display 3.Safe and reliable ...







NAATBatt Lithium-Ion Battery Supply Chain Database

The NAATBatt Lithium-Ion (Ii-ion) Battery Supply Chain Database is a directory of companies with facilities in North America representing the Ii ...

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Customs ruling of the Week

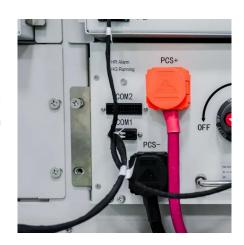
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Battery Tariffs 2025: Impact on U.S. Energy and Trade

Explore how 2025 battery tariffs affect U.S. imports, energy storage, EV production, and sourcing strategies amid rising China tariffs and trade shifts.

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<u>Importing Lithium Batteries: Power for a</u> Green World

Discover the key to successful lithium battery imports. Our article breaks down regulations and potential risks for importing lithium batteries for your benefit.







How Do Global Policies Shape Lithium-Ion Battery Trade and ...

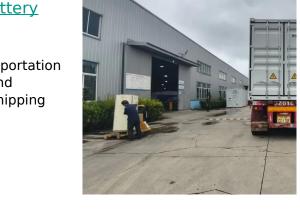
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A Complete Guide to Lithium Battery Transportation ...

Understand 2025 lithium battery transportation rules, including packaging, labeling, and compliance to ensure safe and legal shipping across all modes.

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Exclusive-Chinese Lithium Company Halts Tech Exports as Trade ...

China is the world's largest producer of sorbents, used to extract lithium from brines or other solutions containing the battery metal, although its market size can be difficult ...



<u>Shipping Lithium Batteries</u> <u>Internationally , MSC</u>

From smartphones, tablets, drones, and remote controls to powering electric vehicles, shipping lithium-ion batteries is becoming more and more important. As lithium ...

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<u>Lithium Battery Export Regulations & Compliance Guide</u>

Understand lithium battery regulations, UN numbers, TDG, IMDG, ICAO-TI requirements, and export compliance for safe global transport. Learn ...

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A significant cost escalation for Chinese-made LFP battery cells, which are central to US energy storage deployment. These cells now face a ...





<u>U.S. Tariffs on Chinese Lithium Batteries:</u> <u>Full Breakdown</u>

U.S. tariffs on Chinese lithium batteries have become a critical factor shaping the global battery market in 2025. These tariffs directly impact lithium-ion batteries' cost, supply ...

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USA Tariffs on China Manufactured BESS

If you're in the business of battery energy storage systems (BESS), you've probably felt the squeeze of tariffs on Chinese imports. For years, China has been a go-to for ...





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