

Imported energy storage lithium batteries





Overview

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.

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.

How much Li-ion battery does the US import from China?

According to the US Census Bureau, in 2023, the United States directly imported \$13.1 billion in lithium-ion batteries from China, accounting for 70 percent all US li-ion battery imports in 2023, as measured in value. US li-ion imports are split between storage and batteries for electric vehicles.

Is China still a supplier of lithium battery cells?

China remains a primary supplier of lithium battery cells for the U.S. market. In December 2024, lithium battery imports from China exceeded \$1.9 billion, according to U.S. trade records. However, changes under the 2025 tariff framework have added new barriers to this trade.

What are the biggest hurdles to importing lithium batteries from China?

The biggest hurdles to overcome when importing lithium batteries, or any product, from China are: Following a new set of tariffs announced by the Biden Administration in May 2024, the duty rate on lithium-ion EV batteries was



raised from 7.5% to 25%. Non-EV batteries will rise to 25% in 2026.

Does China Import lithium ion batteries to USMCA?

Chinese exports to USMCA are largely routed through the United States. According to the US Census Bureau, in 2023, the United States directly imported \$13.1 billion in lithium-ion batteries from China, accounting for 70 percent all US li-ion battery imports in 2023, as measured in value.



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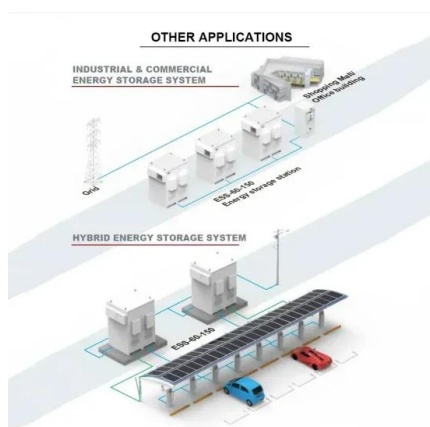
The recent imposition of steep tariffs on global imports has exposed a dangerous vulnerability in the US and global battery industry. A stark reality has emerged: China controls ...

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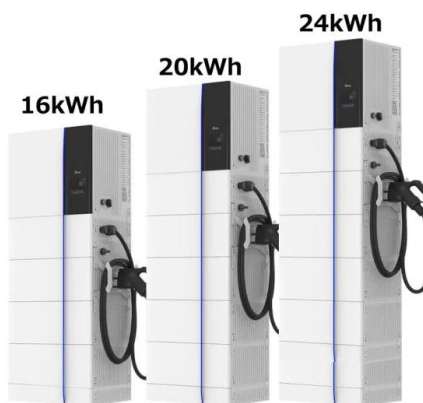
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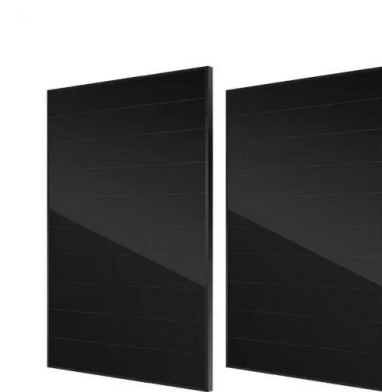




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[CEA Update on U.S. Battery Policy Developments](#)

The tariffs affect a range of clean energy imports including EVs, solar PV, battery energy storage, and inputs for these. This briefing focuses on the tariffs affecting battery energy storage. Policy ...

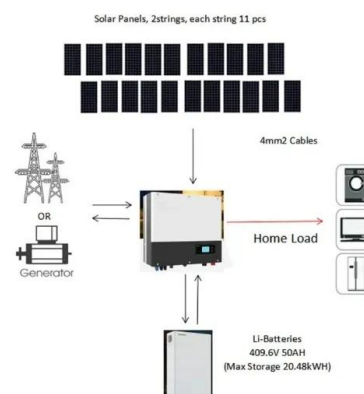
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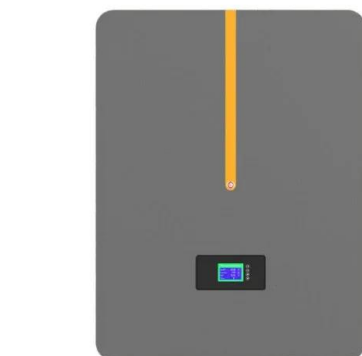
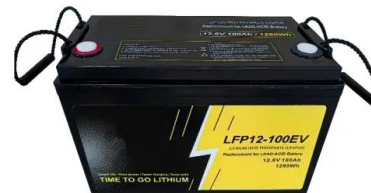
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Use the USA Import Duty Calculator (Battery Tariffs) to calculate lithium battery import duty and plan for the impact of tariffs on your business effectively.

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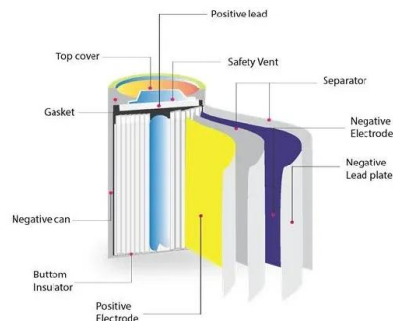
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Turkey processing applications for energy storage at renewable energy plants, will raise import duties for lithium iron phosphate products.

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[US lithium-ion battery imports surge as auto. energy sectors race ...](#)

U.S. imports of lithium-ion batteries are surging, mainly from China, as auto, energy and tech giants race to meet rising demand for electric vehicles, energy storage and consumer electronics.

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