

ContainerPower Energy Solutions

Lithium battery pack market



Overview

How big is the lithium-ion battery market?

Image © Mordor Intelligence. Reuse requires attribution under CC BY 4.0. The Lithium-ion Battery Market size is estimated at USD 113.61 billion in 2025, and is expected to reach USD 304.22 billion by 2030, at a CAGR of 21.77% during the forecast period (2025-2030).

What is the market size of lithium ion battery in 2024?

By power capacity, 3,001–10,000 mAh cells accounted for 35% share of the lithium-ion battery market size in 2024; cells above 60,000 mAh are forecast to advance at 27.7% CAGR. By end-use industry, automotive commanded 55% of the lithium-ion battery market size in 2024, whereas stationary storage is expected to grow at 28.9% CAGR to 2030.

What is the cost of a lithium ion battery pack?

Thanks in part to our efforts, the cost of a lithium ion battery pack dropped from \$900/kWh in 2011 to less than \$140/kWh in 2020. We're looking to build on that progress in the years ahead.

What's new in the lithium-ion battery market?

The latest research from Interact Analytics into the lithium-ion battery market provides insights on two fronts: the battery market from a supply and demand perspective and a detailed look at battery manufacturing machinery.

Which companies dominate the lithium-ion battery market in 2024?

The five largest cell makers—CATL, BYD, LG Energy Solution, Panasonic and Samsung SDI—controlled about 70% of global shipments in 2024, giving the lithium-ion battery market a moderately concentrated profile. Chinese firms occupied eight of the top ten positions, with CATL alone dispatching nearly 110 GWh, equivalent to 29.5% share.

What was the cost of a lithium ion battery pack in 2020?

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