
Shipment volume of lithium batteries for electric tools in 2025

What is the global lithium-ion battery market size?

The global lithium-ion battery market was estimated at USD 75.2 billion in 2024 and is expected to grow at a CAGR of 15.8% from 2025 to 2034. Lithium-ion batteries are ideal rechargeable battery used in EVs, renewable energy storage. Increasing transition towards green energy is driving market growth.

What is the future of lithium-ion battery industry?

The company holds significant share in lithium-ion battery industry. The company registered around 20-23% revenue growth in 2023 reaching USD 53-57 billion. Their recent strategies such as battery swapping and subscription-based price models will enhance their objective of circular economy and rise in EV adoption.

What percentage of EVs use lithium-ion batteries?

EVs predominantly rely on lithium-ion batteries for power and accounted for over 80 percent of the global lithium-ion batteries demand in 2024. Log in or register to access full data. Find up-to-date statistics and facts on lithium-ion batteries.

How ml can improve the performance of lithium-ion batteries?

ML can offer real-time monitoring of lithium-ion batteries that provides result on battery's thermal management, charging and overcharging status, current status, life period of battery. Such technological adoption further enhances production and performance of lithium-ion battery.

Key Takeaways Lithium battery technology drives a significant increase in global power tool shipments, projected to grow from \$41.51 billion in 2024 to \$43.65 billion in 2025. ...

Power Tool Batteries Market Summary The global power tool batteries market size was estimated at USD 2.61 billion in 2024, and is projected to reach USD 4.49 billion by 2030, growing at a ...

The lithium-ion battery market for power tools is booming, projected to reach \$410 million by 2025 and grow at a 5.3% CAGR through 2033. Discover key market trends, leading ...

The global Lithium-ion Batteries in Power Tools market size was US\$ 430 million in 2024 and is forecast to a readjusted size of US\$ 614 million by 2031 with a CAGR of 5.3% during the ...

We estimate that in 2025, the shipments of lithium Power tool batteries for garden tools will be 1.78 billion, for electric bicycles will be 1.15 billion, for vacuum cleaners will be 1.39 ...

Lithium-ion batteries are pivotal in modern energy storage, driving advancements in consumer electronics, electric vehicles (EVs), and grid energy storage. This review explores ...

Consequently, lithium-powered electric tool solutions have become central to sustainability initiatives and long-term cost optimization strategies. Transitioning to these advanced battery ...

The lithium-ion battery market size crossed USD 75.2 billion in 2024 and is expected to grow at a CAGR of 15.8% from 2025 to 2034, driven by the shift to green energy and rising use in EVs ...

This dataset provides an overview of electric vehicle and stationary energy storage battery demand and performance metrics across various sectors and regions. It acts as a summary of ...

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