

What is the global battery market size?

The global battery market size was estimated at USD 134,622.4 million in 2024 and is projected to grow at a CAGR of 16.4% from 2025 to 2030. The increasing adoption of electric vehicles (EVs) is a significant factor driving the growth of the market.

How big is the battery market in 2021?

The market for batteries is projected to grow more than four-fold between 2021 and 2030. While the market was sized at nearly 112 billion U.S. dollars in 2021, it is expected to reach the size of almost 424 billion U.S. dollars in 2030. The dominant segment of the market will continue to be the lithium-ion battery segment.

What is the global battery market based on end use?

Based on end use, the market is segmented into automobiles, consumer electronics, grid-scale energy storage, telecom, power tools, military & defense, aerospace, and others. The automobile segment has emerged as the largest end use in the global battery industry, capturing over 31.0 % of the market share in 2024.

Is China's Lithium ion battery industry growing?

Most of them startups. China has currently more EV car brands than any country in the world. In May 2018, the EV share reached a new high with 4.8 % in a total monthly passenger car market of nearly 2 million units. The most important factor driving the growth of China's lithium ion battery industry is regulation.

How has China changed the battery industry?

China has been instrumental in this transformation, with companies such as Contemporary Amperex Technology (CATL) and BYD leading global battery production. The China battery market growth is attributed to a combination of government support, industrial policy, and technological innovation.

How Asia Pacific battery market dominated the global market in 2024?

Asia Pacific battery market dominated globally in 2024 in terms of the largest revenue share of over 54.0%. This dominance is largely driven by a unique confluence of technological innovation, robust manufacturing capabilities, and unprecedented demand across multiple sectors.

Exhibit 18: Historic Market Size - Data Table on global battery market in telecommunication industry market 2018 - 2022 (\$ million) 4.2 Capacity Segment Analysis 2018 - 2022. Exhibit 19: Historic Market Size - Capacity Segment ...

The boom of global new energy vehicles gives impetus to lithium-ion power battery industry whose shipments swelled 16.6% over the previous year to 116.6GWh in 2019. Five Chinese companies, namely CATL, BYD, AESC (acquired by Envision), Guoxuan High-tech (Gotion) and Lishen Battery rank among top the 10 battery companies by shipments. CATL has become the ...

Currently, the EV-battery market is dominated by players from only three countries, all of them in Asia: China, Japan, and Korea. In 2018, less than 3 percent of the total global demand for EV batteries was supplied by companies outside these three countries, and only approximately 1 percent was supplied by European companies.

Global Li-ion battery demand continues its impressive growth and will reach a massive 638 GWh of yearly demand by 2024. The main reason for this growth is the demand for electric and hybrid

The Rechargeable Battery Market and Main Trends 2018-2030 Director, AVICENNE ENERGY Christophe PILLOT September 18th, 2019 Lyon, France Christophe PILLOT + 33 1 44 55 19 90 c.pillot@avicenne
Presentation Outline
o The rechargeable battery market in 2018
o The Li-ion battery value chain
o Li-ion battery material market
o Focus on xEV ...

As the automotive industry shifts from internal combustion engine (ICE) vehicles to electric vehicles (EVs), many countries are setting new strategies in their transportation sector. The Li-ion battery is currently the most common battery used in EVs due to its high energy density, durability, safety, and cost competitiveness. Nickel is predicted to be an essential component ...

In 2018, France launched the Plan Batteries, subsequently extended by France 2030, aimed at accelerating the development of a national battery industry. This ambitious strategy has ...

[13] Ye Z K 2018 Guangdong Chemical Industry 8 117. Google Scholar [14] Yu J L 2018 Preparation and Modification of NCA for Lithium Ion Battery China Excellent Master's Thesis Database 12 1-88. Google Scholar [15] Tan Shuang-Jie, Yue Junpei and Hu Xin-Cheng 2019 Angewandte Chemie 23 7884. Crossref; Google Scholar [16] Wu T Y 2017 Rare Metals ...

At the same time, relevant financial and fiscal policies have been issued to support the development of the EOL EV battery recycling industry. In 2018, the MIIT identified the first batch of formal recycling enterprises including GEM, BRUNP, and GHTECH; by 2021, the number of formal recycling enterprises reached 47. In addition, these EVMs and formal ...

Key points: The European Commission's first progress report on the implementation of the Strategic Action Plan on Batteries shows that a variety of actions have been launched to develop a significant battery industry in the EU. Although it is far too early to draw definitive conclusions, the EESC supports the initiatives that the Commission has taken and has announced it will ...

Battery Industry in India Size & Share Analysis - Growth Trends & Forecasts (2025 - 2030) Indian Battery Companies Market is Segmented by Technology (Lithium-Ion Battery, Lead-Acid Battery, and Other Technologies) and by ...

Among the top 10 companies, the installed capacity of China's NEV battery companies accounted for 47.42% of the global installed capacity of power batteries in 2018. ... It is estimated that...

Size of the global battery market from 2018 to 2021, with a forecast through 2030, by technology (in million U.S. dollars) Revenue 3 Premium Statistic Lithium-ion battery revenue opportunities ...

Due to the difficulty in obtaining micro data at firm-level and the fact that China's lithium-ion battery industry are developing slowly, we finally select 371 lithium-ion battery listed enterprises in China from 2009 to 2018. These enterprises cover enterprises of different size and nature, and they are all leading enterprises at different links of the lithium-ion battery industrial ...

The growing popularity of electric vehicles is one of the main drivers of battery industry transformation. Words like "transport system decarbonization", "electromobility", and "environmental ...

[1] IEA 2021 Global EV Outlook 2021 International Energy Agency Google Scholar [2] Gota S, Huizenga C, Peet K, Medimorec N and Bakker S 2019 Decarbonising transport to achieve Paris agreement targets Energy Effic. 12 363-86 Crossref Google Scholar [3] Edelenbosch O Y, Hof A F, Nykvist B, Girod B and van Vuuren D P 2018 Transport ...

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