

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.

What are the factors affecting battery market growth?

Over the long term, factors such as the declining lithium-ion battery prices and the growing usage of automotive batteries in electric vehicles are expected to drive the market. On the flip side, a mismatch in the demand and supply of raw materials for battery manufacturing is likely to hinder the market growth.

What is the segmentation of battery market?

Based on application, the market is segmented into automotive batteries, industrial batteries, and portable batteries. The industrial batteries segment emerged as the largest application globally, capturing over 35.0% of the market share in 2024.

Which segment holds the largest share of the battery market?

Automotive Batteries Application Segment holds the largest share of the Battery Market. The global battery market is poised for significant growth, driven by the high use of UPS devices in sectors such as healthcare, chemical, and oil and gas for continuous power supply.

What drives global battery market growth?

Global battery market growth is driven by increasing demand for EVs and energy storage systems across the globe. Lithium-ion batteries continue to dominate the transportation and stationary storage applications due to their high energy density.

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.

Based on battery type, the market is segmented into lithium-ion batteries, lead-acid batteries, nickel batteries, flow batteries, and others. Lithium-ion batteries account for the maximum share in the global market owing to their increasing application in various end-use industries such as renewable, telecom, and power generation industries.

In order to know the development of NEV's batteries, as well as research hotspots and technology trends, this paper analyses the market performance and technology trend of China NEV's battery ...

The industrial batteries segment is expected to enhance market growth. Asia Pacific is currently dominating the global market, with most of the demand coming from China, India, Japan, and South Korea. Mordor Intelligence(TM) provides a comprehensive analysis of the battery market, including a market forecast outlook and a historical overview.

The global lithium-ion battery market size was valued at \$46.2 billion in 2022, and lithium-ion battery industry is projected to reach \$189.4 billion by 2032, growing at a CAGR of 15.2% from 2023 to 2032. The lithium-ion battery market growth ...

Key growth enablers of the global battery market: A diverse range of batteries are experiencing increased demand for automotive applications, particularly in electric and hybrid vehicles. An automotive battery plays a vital role in a vehicle's ...

Innovative battery solutions address issues regarding energy density, battery life, and safety. This report explores key market data as well as areas of innovation and their implications for battery companies worldwide, as well as the global ...

While the average battery size for battery electric cars in the United States only grew by about 7% in 2022, the average battery electric car battery size remains about 40% higher than the global average, due in part to the higher share of SUVs in US electric car sales relative to other major markets,¹ as well as manufacturers' strategies to offer longer all-electric driving ranges. Global ...

Survey Results for Battery Sector ~~~ Deliverable D3.4 Survey Results for Battery Sector . Alliance for Batteries Technology, Training and Skills ALBATTTS - Project number 612675-EPP-1-2019-1-SE-EPPKA2-SSA-B. The European Commission support for the production of this publication under the Grant Agreement N° 2019-612675 does not constitute an endorsement ...

Battery market size worldwide by technology 2018-2030 . 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 ...

The report is a comprehensive presentation of trends, forecast and dollar values of global battery market. Market Insight: The global battery market was valued at USD 104.39 billion in 2022 and is expected to reach USD 382.9 billion in ...

The Lithium-ion Battery Market is expected to reach USD 64.75 billion in 2024 and grow at a CAGR of 14.46% to reach USD 127.23 billion by 2029. Samsung SDI, Panasonic Corporation, BYD Company, Contemporary Amperex Technology Co. Ltd (CATL) and Tesla Inc. are the major companies operating in this market.

The global battery market attained a value of nearly USD 176.42 Billion in 2023. The market is further expected to grow at a CAGR of 15.00% during the forecast period of 2024-2032 to reach a value of USD

620.62 Billion by 2032. Stay ...

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The battery market is estimated to grow at a CAGR of 2.7% during 2023-2028, driven by the recovering demand from the defense, telecom, and aviation industries and the ...

Innovative battery solutions address issues regarding energy density, battery life, and safety. This report explores key market data as well as areas of innovation and their implications for battery companies worldwide, as well as the global transition to renewable energy.

Battery Market: Industry Trends and Global Forecasts, till 2035: Distribution by Type of Battery (Primary Batteries and Secondary Batteries), by Power Capacity (Less than 1 kWh, 1 kWh to 10kWh, 10 kWh to 100 kWh and Above 100 ...

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