

Global EV Lithium-ion Battery Cell Market Growth 2025-2031

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Abstracts

The global EV Lithium-ion Battery Cell market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

An EV (Electric Vehicle) Lithium-ion Battery Cell is a specific type of rechargeable battery cell designed to power electric vehicles. Lithium-ion batteries are widely used in the automotive industry due to their high energy density, long cycle life, and relatively light weight compared to other battery technologies.

Global EV sales continued strong. A total of 10,5 million new BEVs and PHEVs were delivered during 2022, an increase of +55 % compared to 2021. China and Europe emerged as the main drivers of strong growth in global EV sales. In 2022, the production and sales of new energy vehicles in China reach 7.0 million and 6.8 million respectively, a year-on-year increase of 96.9% and 93.4%, with a market share of 25.6%. The production and sales of new energy vehicles have ranked first in the world for eight consecutive years. Among them, the sales volume of pure electric vehicles was 5.365 million, a year-on-year increase of 81.6%. In 2022, sales of pure electric vehicles in Europe will increase by 29% year-on-year to 1.58 million.

LP Information, Inc. (LPI) ' newest research report, the "EV Lithium-ion Battery Cell Industry Forecast" looks at past sales and reviews total world EV Lithium-ion Battery Cell sales in 2024, providing a comprehensive analysis by region and market sector of projected EV Lithium-ion Battery Cell sales for 2025 through 2031. With EV Lithium-ion Battery Cell sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world EV Lithium-ion Battery Cell industry.

This Insight Report provides a comprehensive analysis of the global EV Lithium-ion Battery Cell landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on EV Lithium-ion Battery Cell portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global EV Lithium-ion Battery Cell market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for EV Lithium-ion Battery Cell and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global EV Lithium-ion Battery Cell.

This report presents a comprehensive overview, market shares, and growth opportunities of EV Lithium-ion Battery Cell market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Cylindrical

Prismatic

Pouch Cells

Segmentation by Application:

All-electric Vehicles

Plug-in Hybrid Electric Vehicles (PHEVs)

Hybrid Electric Vehicles (HEVs)

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Contemporary Amperex Technology Co., Limited

LG Energy Solution

Panasonic Corporation

BYD

SK Innovation Co

Samsung SDI Co. Ltd.

Toshiba Corporation

Hitachi Chemical Co. Ltd.

Automotive Energy Supply Corporation

GS Yuasa International Ltd.

Johnson Controls Inc.

Future Hi-Tech Batteries

Tianjin Lishen Battery Co. Ltd.

Hunan Shanshan Toda Advanced Materials Co. Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global EV Lithium-ion Battery Cell market?

What factors are driving EV Lithium-ion Battery Cell market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do EV Lithium-ion Battery Cell market opportunities vary by end market size?

How does EV Lithium-ion Battery Cell break out by Type, by Application?

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