

Global Battery Structural Parts Market Size Study & Forecast, By Type (Battery Housing, Cover Plates, Connecting Parts, Others) By Application (Electric Vehicles, Energy Storage Systems, Consumer Electronics) and Regional Analysis, 2023-2030

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Abstracts

Global Battery Structural Parts Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Battery structural parts are the components within a battery system that provide support, housing, and structural integrity to the battery cells and other internal components. These parts are essential for maintaining the overall shape and stability of the battery, as well as for protecting the sensitive internal components from damage due to external forces or environmental conditions. The Battery Structural Parts market is expanding because of factors such as rising demand for electric vehicles, growth in renewable energy storage, and increasing demand for consumer electronics.

The increasing adoption of electric vehicles worldwide is one of the primary drivers of the Battery Structural Parts market. As demand for EVs rises, there is a corresponding need for battery packs and structural components to support and protect the battery cells. According to the International Energy Agency, electric vehicle (EV) sales are expected to increase by 25% annually from 2023 to 2030, reaching 65% of total car sales by 2030. Moreover, in 2022, EV adoption rose considerably. The International Energy Agency estimates that there will be more than 16.5 million electric vehicles in use worldwide in 2021, an increase of 61% from 2020. (10.2 million units). Thus, rising adoption of electric vehicles across the world is driving the market growth. In addition, increased demand for energy-efficient solutions and rising technological advancement are creating new opportunities for market growth. However, the integration challenges

stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Battery Structural Parts Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to increasing demand for electric vehicles, supportive government policies, investment in battery manufacturing strategic partnerships, and collaborations in the region. Europe is expected to grow at the fastest rate during the forecast period, owing to factors such as rising automotive and consumer electronics, rising government initiatives for the adoption of renewable energy, and rising research and development of new battery technologies in the region.

Major market players included in this report are:

Shenzhen Kedali Industry

Sangsin Energy Display Precision Co Ltd

Ningbo Zhenyu Technology

Shenzhen Everwin Precision Technology Co., Ltd

Wuxi Jinyang New Material Co., Ltd

EnerSys

LG Chem Ltd

Wuxi Lead Intelligent Equipment Co., Ltd.

Contemporary Amperex Technology Co., Limited

Fuji Springs Co. Inc

Recent Developments in the Market:

In January 2023, BMW Group revealed its plans to integrate Solid Power's cell pilot production lines. This move underscores BMW's ongoing dedication to the advancement of all-solid-state batteries, which hold substantial promise for future applications.

In August 2021, Wuxi Lead Intelligent Equipment announced its strategic initiative to enhance the supply chains for lithium battery equipment. This effort is geared towards bolstering the support provided to CATL equipment for the assembly of cells used in electric vehicles.

Global Battery Structural Parts Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Battery Housing

Cover Plates

Connecting Parts

Others

By Application:

Electric Vehicles

Energy Storage Systems

Consumer Electronics

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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