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Global EV Lithium Battery Structural Parts Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global EV Lithium Battery Structural Parts market size is expected to reach $ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Increasing Demand for Electric Vehicles: The global shift towards sustainable transportation and the growing adoption of electric vehicles were major drivers for the EV lithium battery market. As more electric vehicles were being produced, the demand for lithium battery structural parts, such as battery enclosures and frames, was also increasing.

Lightweight Design: Automotive manufacturers were focused on reducing the weight of electric vehicles to enhance their range and improve overall performance. Lightweight structural parts made from materials like aluminum, magnesium, or composites were gaining popularity. These materials offer high strength-to-weight ratios, ensuring safety and energy efficiency.

Stringent Safety Regulations: Safety is a critical aspect of electric vehicles, especially concerning the battery pack. To comply with stringent safety regulations, manufacturers were investing in the development of robust battery enclosures and structural components. This included features like crash resistance, thermal management systems, and protection against punctures or impacts.

Technological Advancements: Research and development efforts were focused on improving the performance and longevity of lithium batteries. Advanced manufacturing techniques, such as additive manufacturing (3D printing), were being explored to create intricate designs and optimize the structural integrity of battery components.

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EV lithium battery structural parts refer to the components that provide mechanical support and protection to the battery cells within an electric vehicle (EV) lithium-ion battery pack. These structural parts are designed to ensure the safety, integrity, and efficient operation of the battery system.

This report studies the global EV Lithium Battery Structural Parts production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for EV Lithium Battery Structural Parts, and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of EV Lithium Battery Structural Parts that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global EV Lithium Battery Structural Parts total production and demand, 2018-2029, (K Units)

Global EV Lithium Battery Structural Parts total production value, 2018-2029, (USD Million)

Global EV Lithium Battery Structural Parts production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global EV Lithium Battery Structural Parts consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: EV Lithium Battery Structural Parts domestic production, consumption, key domestic manufacturers and share

Global EV Lithium Battery Structural Parts production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global EV Lithium Battery Structural Parts production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global EV Lithium Battery Structural Parts production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

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This reports profiles key players in the global EV Lithium Battery Structural Parts market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kedali, Sangsin EDP, FUJI Spring, Wuxi Jinyang New Material, Dongguan ALI System, Ningbo Zhenyu Technology, Shandong Xinheyuan, Shenzhen Xindongda Technology and Guangdong Hoshion Aluminium, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World EV Lithium Battery Structural Parts market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Units) and average price (US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global EV Lithium Battery Structural Parts Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

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Rest of World

Global EV Lithium Battery Structural Parts Market, Segmentation by Type

Battery Housing

Cover Plate

Connection Parts

Others

Global EV Lithium Battery Structural Parts Market, Segmentation by Application

Prismatic Battery

Cylindrical Battery

Pouch Battery

Companies Profiled:

Kedali

Sangsin EDP

FUJI Spring

Wuxi Jinyang New Material

Dongguan ALI System

Ningbo Zhenyu Technology

Shandong Xinheyuan

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Shenzhen Xindongda Technology

Guangdong Hoshion Aluminium

Ruidefeng Precision Manufacturing

Suzhou Sumzone New Energy Technology

Shenzhen Yaluxing

Zhongrui Electronic Technology

Shenzhen Everwin Precision Technology

Zhejiang Zhongze Precision Technology

Key Questions Answered

1. How big is the global EV Lithium Battery Structural Parts market?

2. What is the demand of the global EV Lithium Battery Structural Parts market?

3. What is the year over year growth of the global EV Lithium Battery Structural Parts market?

4. What is the production and production value of the global EV Lithium Battery Structural Parts market?

5. Who are the key producers in the global EV Lithium Battery Structural Parts market?

6. What are the growth factors driving the market demand?

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