

Asia-Pacific Electric Vehicle (EV) Battery Housing Market - Analysis and Forecast, 2023-2032

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Abstracts

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Introduction to Asia-Pacific Electric Vehicle Battery Housing Market

The Asia-Pacific electric vehicle battery housing market (excluding China) is projected to reach \$1,888.2 million by 2032 from \$530.5 million in 2023, growing at a CAGR of 15.15% during the forecast period 2023-2032. The growth of the electric vehicle battery housing market is projected to be driven by increased interest in electric vehicles, the expansion of charging infrastructure, the requirement for lighter materials, and the quest for improved driving range, among other factors.

Market Introduction

The Asia-Pacific (APAC) electric vehicle battery housing market is experiencing robust growth, primarily driven by the soaring demand for electric vehicles (EVs) across the region. With governments encouraging eco-friendly transportation solutions and setting ambitious emissions reduction targets, there is a rapid adoption of EVs. The expansion of charging infrastructure, both in urban areas and along major roadways, further supports this growth. Moreover, lightweight materials are being increasingly employed in battery housings to enhance energy efficiency and driving range, aligning with the ever-evolving EV technology. Additionally, the APAC region boasts a thriving automotive manufacturing sector, making it a focal point for battery housing production. As a result, the APAC electric vehicle battery housing market is poised for continued expansion, offering significant opportunities for manufacturers, investors, and industry stakeholders in the evolving electric mobility landscape.

Market Segmentation:

Segmentation 1: by Cell Format

Pouch Cell

Cylindrical Cell

Prismatic Cell

Segmentation 2: by Vehicle Type

2-Wheeler

3-Wheeler

Off Road Vehicles

Commercial Vehicles

Passenger Vehicles

Segmentation 3: by Material Type

Steel

Aluminium

GFRP

CFRP

Segmentation 4: by Battery Chemistry Type

Lithium-Ion

Lead Acid

Others

Segmentation 5: by Component Type

Top Cover

Bottom Cover

Others

Segmentation 6: by Country

Japan

South Korea

Rest-of-Asia-Pacific and Japan

How can this report add value to an organization?

Product/Innovation Strategy: The leading electric vehicle OEMs are continuously working to manufacture and sell vehicles with higher range. The growing need for affordable and high-performing electric vehicle battery housing is one of the major factors for the growth of the electric vehicle battery housing market. The market is more on the consolidated side at present, where electric vehicle battery housing manufacturers have been successful to a certain extent in strengthening their market position in the APAC market. However, with the rise of electric vehicles with better ranges, the existing established players are expected to face stiff competition from emerging players. Moreover, partnerships and collaborations are expected to play a crucial role in strengthening market position over the coming years, with the companies focusing on bolstering their technological capabilities and gaining a dominant market share in the electric vehicle battery housing industry.

Growth/Marketing Strategy: The electric vehicle battery housing market has been

growing at a rapid pace. The market offers enormous opportunities for existing and emerging market players. Some of the strategies covered in this segment are mergers and acquisitions, product launches, partnerships and collaborations, business expansions, and investments. The strategies preferred by companies to maintain and strengthen their market position primarily include partnerships, agreements, and collaborations.

Competitive Strategy: The key players in the APAC electric vehicle battery housing market analyzed and profiled in the study include steel suppliers, aluminium suppliers, plastics suppliers, electric vehicle battery housings manufacturers that develop, maintain, and market electric vehicle battery housings. Moreover, a detailed competitive benchmarking of the players operating in the electric vehicle battery housing market has been done to help the reader understand the ways in which players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations are expected to aid the reader in understanding the untapped revenue pockets in the market.

Key Market Players and Competition Synopsis

The companies that are profiled have been selected based on inputs gathered from primary experts and analyzing company coverage, product portfolio, and market penetration.

Some prominent names established in this market are:

UACJ Corporation

Minh Group

Hanwha Solutions Advanced Materials

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