

Electric Two-Wheeler Lithium-Ion Battery Management System Market to Cross \$5.6 billion by 2031

A rise in industry preference for the use of lithium-ion batteries, and growth in the adoption of rechargeable batteries across multiple end-use industries

WILMINGTON, NEW CASTLE,
DELAWARE, UNITED STATES, May 10,
2024 /EINPresswire.com/ -- The global
Electric Two-Wheeler Lithium-Ion
Battery Management System Market
growth is attributed to the increase in
the adoption of electric vehicles (EVs)
and hybrid electric vehicles (HEVs), a
rise in industry preference for the use
of lithium-ion batteries, and growth in
the adoption of rechargeable batteries

ELECTRIC TWO-WHEELER
LITHIUM-ION BATTERY
MANAGEMENT SYSTEM
MARKET

OPPORTUNITIES AND FORECAST,
2022-2031

Electric two-wheeler lithium-ion battery
management system market is expected to
reach \$5.6 Billion in 2031

Growing at a CAGR of 20.3% (2022-2031)

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Electric Two-Wheeler Lithium-Ion Battery

Electric Two-Wheeler Lithium-Ion Battery Management System Market



The global electric twowheeler lithium-ion battery management system market growth is attributed to the increase in the adoption of electric vehicles (EVs) and hybrid electric vehicles (HEVs)"

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Centralized battery management system is one of the most compact and straight forward topologies available in the market. Centralized battery management system has lower design cost, as all necessary components of battery management system, such as pack management unit, and module management unit are coupled on printed circuit

board, which, in turn, drives the growth of centralized segment. In addition, replacement and troubleshooting in this topology is significantly easy as compared to other types of topologies.

Factors, such as increase in adoption of electric vehicles (EVs) and hybrid electric vehicles (HEVs), and rise in industry preference for use of lithium-ion batteries drive the growth of the electric two-wheeler lithium-ion battery management system market. However, increase in overall price of the products with addition of battery management system hinders the growth of the market. Further, increase in adoption of cloud-connected battery management systems, growth in demand for renewable energy, and growth in demand for e-bikes and e-scooters provide remarkable growth opportunities for players operating in the market.

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There has been greater adoption of electric scooters & motorcycles in the U.S. owing to rise in urbanization and increase in traffic congestion. Furthermore, various initiatives by government for adoption of e-bikes is expected to create opportunities for key players in U.S. market. For instance, in October 2020, the U.S. Department for Interior statement announced the new rules governing electric bike use in the U.S. The new regulations allow public land managers to provide e-bike access to bike trails. The regulations have been agreed upon and applied by the Bureau of Land Management, National Park Service, Fish and Wildlife Service, and Bureau of Reclamation. The rise in popularity of pedelecs, electric scooters, and electric motorcycles in the country support the growth of the electric two-wheeler lithium-ion battery management system market.

The report provides a detailed analysis of these key players in the global electric two-wheeler lithium-ion battery management system market. These players have adopted strategies such as new product launches to increase their market share and maintain dominant shares in different regions. The <u>Electric Two-Wheeler Lithium-Ion Battery Management System Market report</u> is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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Based on region, Asia-Pacific held the highest market share in terms of revenue in 2021, accounting for more than four-fifths of the global <u>electric two-wheeler lithium-ion battery</u>

management system market revenue, and is expected to maintain its dominance throughout the forecast period. Asia-Pacific has experienced a surge in electric two-wheeler sales, driven by growing population, increasing disposable incomes, and urbanization. Moreover, the presence of rapidly emerging countries in the region is expected to significantly impact the market. LAMEA is expected to witness the fastest CAGR of 25.4% from 2022 to 2031. This is due to the surge in popularity of electric vehicles.

Based on topology, the modular segment held the highest market share in 2021, accounting for nearly half of the global electric two-wheeler lithium-ion battery management system market revenue, and is estimated to maintain its leadership status during the forecast period. Owing to advantages, such as scalability based on requirement, lower maintenance cost, and noise immunity. However, the distributed segment is expected to register the highest CAGR of 21.7% from 2022 to 2031. Distributed battery management system provides improved precision, owing to the presence of dedicated microcontrollers for each cell and are cheaper.

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By vehicle type, the motorcycles segment is anticipated to exhibit significant growth in the near future.

By topology, the distributed segment is anticipated to exhibit significant growth in the near future.

By region, LAMEA is anticipated to register the highest CAGR during the forecast period.

Electric Scooter and Motorcycle Market - https://www.globenewswire.com/en/news-release/2022/09/05/2509720/0/en/Electric-Scooter-and-Motorcycle-Market-To-Portray-93-9-Billion-by-2031-Allied-Market-Research.html

Electric Bikes Market - https://www.prnewswire.com/news-releases/electric-bikes-market-to-garner-118-65-bn-globally-by-2030-at-10-5-cagr-allied-market-research-301252723.html

Electric Vehicle Charging Connector Market - https://www.prnewswire.com/news- releases/electric-vehicle-ev-charging-connector-market-to-reach-273-2-million-globally-by-2032-at-17-0-cagr-allied-market-research-301870146.html

Electric Vehicle Motor Market - <a href="https://www.prnewswire.com/news-releases/electric-vehicle-motor-market-to-garner-99-49-billion-globally-by-2032-at-15-2-cagr-allied-market-research-motor-market-to-garner-99-49-billion-globally-by-2032-at-15-2-cagr-allied-market-research-motor-market-to-garner-99-49-billion-globally-by-2032-at-15-2-cagr-allied-market-research-motor-market-to-garner-99-49-billion-globally-by-2032-at-15-2-cagr-allied-market-research-motor-market-to-garner-99-49-billion-globally-by-2032-at-15-2-cagr-allied-market-research-motor-market-to-garner-99-49-billion-globally-by-2032-at-15-2-cagr-allied-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-market-research-motor-mot

302075930.html

David Correa
Allied Market Research
+1 503-894-6022
email us here
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