

Global Automotive Battery Management System Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Automotive Battery Management System market size is expected to reach \$ 11410 million by 2029, rising at a market growth of 21.3% CAGR during the forecast period (2023-2029).

Global key players of Automotive Battery Management System include Tesla and CATL, etc. The top two players hold a share over 25%. Asia Pacific is the largest market, has a share about 60%. In terms of product type, Distributed BMS is the largest segment, occupied for a share of about 90%, and in terms of application, BEV has a share about 77 percent.

Automotive Battery Management System (BMS), commonly known as Battery Nanny or Battery Manager, is mainly for the intelligent MANAGEMENT and maintenance of each battery unit, to prevent the battery from over-charging and over-discharging, to extend the service life of the BATTERY and to monitor the state of the BATTERY. Battery management system and the electric vehicle power battery together, through the sensor to the battery voltage, current, temperature, the real-time detection, as well as detect the leakage, thermal management, battery balanced management, alarm to remind, the residual capacity of computing (SOC), discharge power, report of the residual capacity of battery degradation (SOH) and the state of (SOC), according to the battery voltage and current and temperature also use algorithm of maximum output power control to achieve maximum range, as well as the best current algorithm control charger for charging, Through CAN bus interface, real-time communication is carried out with on-board general controller, motor controller, energy control system, on-board display system, etc.

This report studies the global Automotive Battery Management System production,

demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive Battery Management System, 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 Automotive Battery Management System that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive Battery Management System total production and demand, 2018-2029, (K Units)

Global Automotive Battery Management System total production value, 2018-2029, (USD Million)

Global Automotive Battery Management System production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Battery Management System consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Automotive Battery Management System domestic production, consumption, key domestic manufacturers and share

Global Automotive Battery Management System production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Automotive Battery Management System production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Automotive Battery Management System production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Automotive Battery Management System 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 FinDreams Battery, Tesla, CATL, LG Innotek, Sinoev, LIGOO New Energy Technology, UAES, Preh and Hyundai Mobis,

etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive Battery Management System 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 Automotive Battery Management System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Automotive Battery Management System Market, Segmentation by Type

Distributed BMS

Centralized BMS

Global Automotive Battery Management System Market, Segmentation by Application

BEV

PHEV

Companies Profiled:

FinDreams Battery

Tesla

CATL

LG Innotek

Sinoev

LIGOO New Energy Technology

UAES

Preh

Hyundai Mobis

SAIC Motor

Ficosa

Denso

GuoChuang Renewable Energy Technology

VREMT

Neusoft Reach

Hyundai Kefico

KLClear Technology

G-Pulse Electronics

Gotion High-Tech

E-POWER Electronics

Key Questions Answered

1. How big is the global Automotive Battery Management System market?
2. What is the demand of the global Automotive Battery Management System market?
3. What is the year over year growth of the global Automotive Battery Management System market?
4. What is the production and production value of the global Automotive Battery Management System market?
5. Who are the key producers in the global Automotive Battery Management System market?

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