

Global Automotive Battery Management IC Market Research Report 2026(Status and Outlook)

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Abstracts

Automotive battery management IC (integrated circuit) is a specialized chipset used to monitor, control, and protect automotive batteries. These ICs are essential for efficiently managing the power supply and ensuring the safe operation of electric vehicles. Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world"s automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world"s largest car exporter, exporting more than 3.5 million vehicles in 2022.

The global Automotive Battery Management IC market size was estimated at USD 3911.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 15.90% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Automotive Battery Management IC market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Automotive Battery Management IC market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Automotive Battery Management IC market.

Global Automotive Battery Management IC Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Analog Devices
BorgWarner
Bosch
Continental
Dana
Gentherm
Hana System

LEM
Mahle
NXP Semiconductors
Renesas
STMicroelectronics
Valeo
Vitesco Technologies

Market Segmentation (by Type)

BEV Battery Management IC
PHEV Battery Management IC

Market Segmentation (by Application)

Passenger Vehicles
Commercial Vehicles

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Automotive Battery Management IC Market
Overview of the regional outlook of the Automotive Battery Management IC Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Automotive Battery Management IC Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Automotive Battery Management IC,

their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Automotive Battery Management IC
- 1.2 Key Market Segments
 - 1.2.1 Automotive Battery Management IC Segment by Type
 - 1.2.2 Automotive Battery Management IC Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats
- 1.4 Key Data of Global Auto Market
 - 1.4.1 Global Automobile Production by Country
 - 1.4.2 Global Automobile Production by Type

2 AUTOMOTIVE BATTERY MANAGEMENT IC MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Automotive Battery Management IC Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Automotive Battery Management IC Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 AUTOMOTIVE BATTERY MANAGEMENT IC MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Automotive Battery Management IC Product Life Cycle
- 3.3 Global Automotive Battery Management IC Sales by Manufacturers (2020-2025)
- 3.4 Global Automotive Battery Management IC Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Automotive Battery Management IC Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Automotive Battery Management IC Average Price by Manufacturers

(2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Automotive Battery Management IC Market Competitive Situation and Trends

3.8.1 Automotive Battery Management IC Market Concentration Rate

3.8.2 Global 5 and 10 Largest Automotive Battery Management IC Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 AUTOMOTIVE BATTERY MANAGEMENT IC INDUSTRY CHAIN ANALYSIS

4.1 Automotive Battery Management IC Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF AUTOMOTIVE BATTERY MANAGEMENT IC MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Automotive Battery Management IC Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Automotive Battery Management IC Market

5.7 ESG Ratings of Leading Companies

6 AUTOMOTIVE BATTERY MANAGEMENT IC MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Automotive Battery Management IC Sales Market Share by Type (2020-2025)
- 6.3 Global Automotive Battery Management IC Market Size by Type (2020-2025)
- 6.4 Global Automotive Battery Management IC Price by Type (2020-2025)

7 AUTOMOTIVE BATTERY MANAGEMENT IC MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Automotive Battery Management IC Market Sales by Application (2020-2025)
- 7.3 Global Automotive Battery Management IC Market Size (M USD) by Application (2020-2025)
- 7.4 Global Automotive Battery Management IC Sales Growth Rate by Application (2020-2025)

8 AUTOMOTIVE BATTERY MANAGEMENT IC MARKET SALES BY REGION

- 8.1 Global Automotive Battery Management IC Sales by Region
 - 8.1.1 Global Automotive Battery Management IC Sales by Region
 - 8.1.2 Global Automotive Battery Management IC Sales Market Share by Region
- 8.2 Global Automotive Battery Management IC Market Size by Region
 - 8.2.1 Global Automotive Battery Management IC Market Size by Region
 - 8.2.2 Global Automotive Battery Management IC Market Size by Region
- 8.3 North America
 - 8.3.1 North America Automotive Battery Management IC Sales by Country
 - 8.3.2 North America Automotive Battery Management IC Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Automotive Battery Management IC Sales by Country
 - 8.4.2 Europe Automotive Battery Management IC Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Automotive Battery Management IC Sales by Region

8.5.2 Asia Pacific Automotive Battery Management IC Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Automotive Battery Management IC Sales by Country

8.6.2 South America Automotive Battery Management IC Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Automotive Battery Management IC Sales by Region

8.7.2 Middle East and Africa Automotive Battery Management IC Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 AUTOMOTIVE BATTERY MANAGEMENT IC MARKET PRODUCTION BY REGION

9.1 Global Production of Automotive Battery Management IC by Region(2020-2025)

9.2 Global Automotive Battery Management IC Revenue Market Share by Region (2020-2025)

9.3 Global Automotive Battery Management IC Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Automotive Battery Management IC Production

9.4.1 North America Automotive Battery Management IC Production Growth Rate (2020-2025)

9.4.2 North America Automotive Battery Management IC Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Automotive Battery Management IC Production

9.5.1 Europe Automotive Battery Management IC Production Growth Rate

(2020-2025)

9.5.2 Europe Automotive Battery Management IC Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Automotive Battery Management IC Production (2020-2025)

9.6.1 Japan Automotive Battery Management IC Production Growth Rate (2020-2025)

9.6.2 Japan Automotive Battery Management IC Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Automotive Battery Management IC Production (2020-2025)

9.7.1 China Automotive Battery Management IC Production Growth Rate (2020-2025)

9.7.2 China Automotive Battery Management IC Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Analog Devices

10.1.1 Analog Devices Basic Information

10.1.2 Analog Devices Automotive Battery Management IC Product Overview

10.1.3 Analog Devices Automotive Battery Management IC Product Market Performance

10.1.4 Analog Devices Business Overview

10.1.5 Analog Devices SWOT Analysis

10.1.6 Analog Devices Recent Developments

10.2 BorgWarner

10.2.1 BorgWarner Basic Information

10.2.2 BorgWarner Automotive Battery Management IC Product Overview

10.2.3 BorgWarner Automotive Battery Management IC Product Market Performance

10.2.4 BorgWarner Business Overview

10.2.5 BorgWarner SWOT Analysis

10.2.6 BorgWarner Recent Developments

10.3 Bosch

10.3.1 Bosch Basic Information

10.3.2 Bosch Automotive Battery Management IC Product Overview

10.3.3 Bosch Automotive Battery Management IC Product Market Performance

10.3.4 Bosch Business Overview

10.3.5 Bosch SWOT Analysis

10.3.6 Bosch Recent Developments

10.4 Continental

10.4.1 Continental Basic Information

10.4.2 Continental Automotive Battery Management IC Product Overview

- 10.4.3 Continental Automotive Battery Management IC Product Market Performance
- 10.4.4 Continental Business Overview
- 10.4.5 Continental Recent Developments
- 10.5 Dana
 - 10.5.1 Dana Basic Information
 - 10.5.2 Dana Automotive Battery Management IC Product Overview
 - 10.5.3 Dana Automotive Battery Management IC Product Market Performance
 - 10.5.4 Dana Business Overview
 - 10.5.5 Dana Recent Developments
- 10.6 Gentherm
 - 10.6.1 Gentherm Basic Information
 - 10.6.2 Gentherm Automotive Battery Management IC Product Overview
 - 10.6.3 Gentherm Automotive Battery Management IC Product Market Performance
 - 10.6.4 Gentherm Business Overview
 - 10.6.5 Gentherm Recent Developments
- 10.7 Hana System
 - 10.7.1 Hana System Basic Information
 - 10.7.2 Hana System Automotive Battery Management IC Product Overview
 - 10.7.3 Hana System Automotive Battery Management IC Product Market Performance
 - 10.7.4 Hana System Business Overview
 - 10.7.5 Hana System Recent Developments
- 10.8 LEM
 - 10.8.1 LEM Basic Information
 - 10.8.2 LEM Automotive Battery Management IC Product Overview
 - 10.8.3 LEM Automotive Battery Management IC Product Market Performance
 - 10.8.4 LEM Business Overview
 - 10.8.5 LEM Recent Developments
- 10.9 Mahle
 - 10.9.1 Mahle Basic Information
 - 10.9.2 Mahle Automotive Battery Management IC Product Overview
 - 10.9.3 Mahle Automotive Battery Management IC Product Market Performance
 - 10.9.4 Mahle Business Overview
 - 10.9.5 Mahle Recent Developments
- 10.10 NXP Semiconductors
 - 10.10.1 NXP Semiconductors Basic Information
 - 10.10.2 NXP Semiconductors Automotive Battery Management IC Product Overview
 - 10.10.3 NXP Semiconductors Automotive Battery Management IC Product Market Performance
 - 10.10.4 NXP Semiconductors Business Overview

10.10.5 NXP Semiconductors Recent Developments

10.11 Renesas

10.11.1 Renesas Basic Information

10.11.2 Renesas Automotive Battery Management IC Product Overview

10.11.3 Renesas Automotive Battery Management IC Product Market Performance

10.11.4 Renesas Business Overview

10.11.5 Renesas Recent Developments

10.12 STMicroelectronics

10.12.1 STMicroelectronics Basic Information

10.12.2 STMicroelectronics Automotive Battery Management IC Product Overview

10.12.3 STMicroelectronics Automotive Battery Management IC Product Market

Performance

10.12.4 STMicroelectronics Business Overview

10.12.5 STMicroelectronics Recent Developments

10.13 Valeo

10.13.1 Valeo Basic Information

10.13.2 Valeo Automotive Battery Management IC Product Overview

10.13.3 Valeo Automotive Battery Management IC Product Market Performance

10.13.4 Valeo Business Overview

10.13.5 Valeo Recent Developments

10.14 Vitesco Technologies

10.14.1 Vitesco Technologies Basic Information

10.14.2 Vitesco Technologies Automotive Battery Management IC Product Overview

10.14.3 Vitesco Technologies Automotive Battery Management IC Product Market

Performance

10.14.4 Vitesco Technologies Business Overview

10.14.5 Vitesco Technologies Recent Developments

11 AUTOMOTIVE BATTERY MANAGEMENT IC MARKET FORECAST BY REGION

11.1 Global Automotive Battery Management IC Market Size Forecast

11.2 Global Automotive Battery Management IC Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Automotive Battery Management IC Market Size Forecast by Country

11.2.3 Asia Pacific Automotive Battery Management IC Market Size Forecast by Region

11.2.4 South America Automotive Battery Management IC Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Automotive Battery Management IC

by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Automotive Battery Management IC Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Automotive Battery Management IC by Type (2026-2035)

12.1.2 Global Automotive Battery Management IC Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Automotive Battery Management IC by Type (2026-2035)

12.2 Global Automotive Battery Management IC Market Forecast by Application (2026-2035)

12.2.1 Global Automotive Battery Management IC Sales (K Units) Forecast by Application

12.2.2 Global Automotive Battery Management IC Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type
Table 2. Introduction of the Application
Table 3. Global Automobile Production by Region (Units)
Table 4. Market Share and Development Potential of Automobiles by Region
Table 5. Global Automobile Production by Country (Units)
Table 6. Market Share and Development Potential of Automobiles by Country
Table 7. Motor Vehicle Production Market Share by Type (2024)
Table 8. Global Automobile Production by Type
Table 9. Market Share and Development Potential of Automobiles by Type
Table 10. Global Automotive Battery Management IC Market Size by Type (M USD)
Table 11. Global Automotive Battery Management IC Market Size by Application
Table 12. Automotive Battery Management IC Market Size Comparison by Region (M USD)
Table 13. Global Automotive Battery Management IC Sales (K Units) by Manufacturers (2020-2025)
Table 14. Global Automotive Battery Management IC Sales Market Share by Manufacturers (2020-2025)
Table 15. Global Automotive Battery Management IC Revenue (M USD) by Manufacturers (2020-2025)
Table 16. Global Automotive Battery Management IC Revenue Share by Manufacturers (2020-2025)
Table 17. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Automotive Battery Management IC as of 2025)
Table 18. Global Market Automotive Battery Management IC Average Price (USD/Unit) of Key Manufacturers (2020-2025)
Table 19. Manufacturers? Manufacturing Sites, Areas Served
Table 20. Manufacturers? Product Type
Table 21. Global Automotive Battery Management IC Manufacturers Market Concentration Ratio (CR5 and HHI)
Table 22. Mergers & Acquisitions, Expansion Plans
Table 23. Market Overview of Key Raw Materials
Table 24. Midstream Market Analysis
Table 25. Downstream Customer Analysis
Table 26. Key Development Trends
Table 27. Driving Factors

Table 28. Automotive Battery Management IC Market Challenges
Table 29. Goldman Sachs' forecast real GDP growth rate for 2025-2026
Table 30. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
Table 31. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
Table 32. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
Table 33. Global Automotive Battery Management IC Sales by Type (K Units)
Table 34. Global Automotive Battery Management IC Market Size by Type (M USD)
Table 35. Global Automotive Battery Management IC Sales (K Units) by Type (2020-2025)
Table 36. Global Automotive Battery Management IC Sales Market Share by Type (2020-2025)
Table 37. Global Automotive Battery Management IC Market Size (M USD) by Type (2020-2025)
Table 38. Global Automotive Battery Management IC Market Share by Type (2020-2025)
Table 39. Global Automotive Battery Management IC Price (USD/Unit) by Type (2020-2025)
Table 40. Global Automotive Battery Management IC Sales (K Units) by Application
Table 41. Global Automotive Battery Management IC Market Size by Application
Table 42. Global Automotive Battery Management IC Sales by Application (2020-2025) & (K Units)
Table 43. Global Automotive Battery Management IC Sales Market Share by Application (2020-2025)
Table 44. Global Automotive Battery Management IC Market Size by Application (2020-2025) & (M USD)
Table 45. Global Automotive Battery Management IC Market Share by Application (2020-2025)
Table 46. Global Automotive Battery Management IC Sales Growth Rate by Application (2020-2025)
Table 47. Global Automotive Battery Management IC Sales by Region (2020-2025) & (K Units)
Table 48. Global Automotive Battery Management IC Sales Market Share by Region (2020-2025)
Table 49. Global Automotive Battery Management IC Market Size by Region (2020-2025) & (M USD)
Table 50. Global Automotive Battery Management IC Market Size by Region (2020-2025)
Table 51. North America Automotive Battery Management IC Sales by Country

(2020-2025) & (K Units)

Table 52. North America Automotive Battery Management IC Market Size by Country (2020-2025) & (M USD)

Table 53. Europe Automotive Battery Management IC Sales by Country (2020-2025) & (K Units)

Table 54. Europe Automotive Battery Management IC Market Size by Country (2020-2025) & (M USD)

Table 55. Asia Pacific Automotive Battery Management IC Sales by Region (2020-2025) & (K Units)

Table 56. Asia Pacific Automotive Battery Management IC Market Size by Region (2020-2025) & (M USD)

Table 57. South America Automotive Battery Management IC Sales by Country (2020-2025) & (K Units)

Table 58. South America Automotive Battery Management IC Market Size by Country (2020-2025) & (M USD)

Table 59. Middle East and Africa Automotive Battery Management IC Sales by Region (2020-2025) & (K Units)

Table 60. Middle East and Africa Automotive Battery Management IC Market Size by Region (2020-2025) & (M USD)

Table 61. Global Automotive Battery Management IC Production (K Units) by Region(2020-2025)

Table 62. Global Automotive Battery Management IC Revenue (US\$ Million) by Region (2020-2025)

Table 63. Global Automotive Battery Management IC Revenue Market Share by Region (2020-2025)

Table 64. Global Automotive Battery Management IC Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. North America Automotive Battery Management IC Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 66. Europe Automotive Battery Management IC Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 67. Japan Automotive Battery Management IC Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 68. China Automotive Battery Management IC Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 69. Analog Devices Basic Information

Table 70. Analog Devices Automotive Battery Management IC Product Overview

Table 71. Analog Devices Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 72. Analog Devices Business Overview
Table 73. Analog Devices SWOT Analysis
Table 74. Analog Devices Recent Developments
Table 75. BorgWarner Basic Information
Table 76. BorgWarner Automotive Battery Management IC Product Overview
Table 77. BorgWarner Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 78. BorgWarner Business Overview
Table 79. BorgWarner SWOT Analysis
Table 80. BorgWarner Recent Developments
Table 81. Bosch Basic Information
Table 82. Bosch Automotive Battery Management IC Product Overview
Table 83. Bosch Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 84. Bosch Business Overview
Table 85. Bosch SWOT Analysis
Table 86. Bosch Recent Developments
Table 87. Continental Basic Information
Table 88. Continental Automotive Battery Management IC Product Overview
Table 89. Continental Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 90. Continental Business Overview
Table 91. Continental Recent Developments
Table 92. Dana Basic Information
Table 93. Dana Automotive Battery Management IC Product Overview
Table 94. Dana Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 95. Dana Business Overview
Table 96. Dana Recent Developments
Table 97. Gentherm Basic Information
Table 98. Gentherm Automotive Battery Management IC Product Overview
Table 99. Gentherm Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 100. Gentherm Business Overview
Table 101. Gentherm Recent Developments
Table 102. Hana System Basic Information
Table 103. Hana System Automotive Battery Management IC Product Overview
Table 104. Hana System Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 105. Hana System Business Overview
Table 106. Hana System Recent Developments
Table 107. LEM Basic Information
Table 108. LEM Automotive Battery Management IC Product Overview
Table 109. LEM Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 110. LEM Business Overview
Table 111. LEM Recent Developments
Table 112. Mahle Basic Information
Table 113. Mahle Automotive Battery Management IC Product Overview
Table 114. Mahle Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 115. Mahle Business Overview
Table 116. Mahle Recent Developments
Table 117. NXP Semiconductors Basic Information
Table 118. NXP Semiconductors Automotive Battery Management IC Product Overview
Table 119. NXP Semiconductors Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 120. NXP Semiconductors Business Overview
Table 121. NXP Semiconductors Recent Developments
Table 122. Renesas Basic Information
Table 123. Renesas Automotive Battery Management IC Product Overview
Table 124. Renesas Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 125. Renesas Business Overview
Table 126. Renesas Recent Developments
Table 127. STMicroelectronics Basic Information
Table 128. STMicroelectronics Automotive Battery Management IC Product Overview
Table 129. STMicroelectronics Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 130. STMicroelectronics Business Overview
Table 131. STMicroelectronics Recent Developments
Table 132. Valeo Basic Information
Table 133. Valeo Automotive Battery Management IC Product Overview
Table 134. Valeo Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 135. Valeo Business Overview
Table 136. Valeo Recent Developments
Table 137. Vitesco Technologies Basic Information

Table 138. Vitesco Technologies Automotive Battery Management IC Product Overview

Table 139. Vitesco Technologies Automotive Battery Management IC Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 140. Vitesco Technologies Business Overview

Table 141. Vitesco Technologies Recent Developments

Table 142. Global Automotive Battery Management IC Sales Forecast by Region (2026-2035) & (K Units)

Table 143. Global Automotive Battery Management IC Market Size Forecast by Region (2026-2035) & (M USD)

Table 144. North America Automotive Battery Management IC Sales Forecast by Country (2026-2035) & (K Units)

Table 145. North America Automotive Battery Management IC Market Size Forecast by Country (2026-2035) & (M USD)

Table 146. Europe Automotive Battery Management IC Sales Forecast by Country (2026-2035) & (K Units)

Table 147. Europe Automotive Battery Management IC Market Size Forecast by Country (2026-2035) & (M USD)

Table 148. Asia Pacific Automotive Battery Management IC Sales Forecast by Region (2026-2035) & (K Units)

Table 149. Asia Pacific Automotive Battery Management IC Market Size Forecast by Region (2026-2035) & (M USD)

Table 150. South America Automotive Battery Management IC Sales Forecast by Country (2026-2035) & (K Units)

Table 151. South America Automotive Battery Management IC Market Size Forecast by Country (2026-2035) & (M USD)

Table 152. Middle East and Africa Automotive Battery Management IC Sales Forecast by Country (2026-2035) & (Units)

Table 153. Middle East and Africa Automotive Battery Management IC Market Size Forecast by Country (2026-2035) & (M USD)

Table 154. Global Automotive Battery Management IC Sales Forecast by Type (2026-2035) & (K Units)

Table 155. Global Automotive Battery Management IC Market Size Forecast by Type (2026-2035) & (M USD)

Table 156. Global Automotive Battery Management IC Price Forecast by Type (2026-2035) & (USD/Unit)

Table 157. Global Automotive Battery Management IC Sales (K Units) Forecast by Application (2026-2035)

Table 158. Global Automotive Battery Management IC Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Automotive Battery Management IC
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Motor Vehicle Production (M Units)
- Figure 5. Global Automotive Battery Management IC Market Size (M USD), 2025-2035
- Figure 6. Global Automotive Battery Management IC Market Size (M USD) (2020-2035)
- Figure 7. Global Automotive Battery Management IC Sales (K Units) & (2020-2035)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 9. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 10. Evaluation Matrix of Regional Market Development Potential
- Figure 11. Automotive Battery Management IC Market Size by Country (M USD)
- Figure 12. Company Assessment Quadrant
- Figure 13. Global Automotive Battery Management IC Product Life Cycle
- Figure 14. Automotive Battery Management IC Sales Share by Manufacturers in 2025
- Figure 15. Global Automotive Battery Management IC Revenue Share by Manufacturers in 2025
- Figure 16. Automotive Battery Management IC Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 17. Global Market Automotive Battery Management IC Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 18. The Global 5 and 10 Largest Players: Market Share by Automotive Battery Management IC Revenue in 2025
- Figure 19. Industry Chain Map of Automotive Battery Management IC
- Figure 20. Global Automotive Battery Management IC Market PEST Analysis
- Figure 21. Global Automotive Battery Management IC Market Porter's Five Forces Analysis
- Figure 22. Global Merchandise Trade as a Percentage Of GDP
- Figure 23. US - Imports of Goods by Country
- Figure 24. China Exports by Country
- Figure 25. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 26. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 27. Global Automotive Battery Management IC Market Share by Type
- Figure 28. Sales Market Share of Automotive Battery Management IC by Type (2020-2025)
- Figure 29. Sales Market Share of Automotive Battery Management IC by Type in 2025

Figure 30. Market Share of Automotive Battery Management IC by Type (2020-2025)

Figure 31. Market Share of Automotive Battery Management IC by Type in 2025

Figure 32. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 33. Global Automotive Battery Management IC Market Share by Application

Figure 34. Global Automotive Battery Management IC Sales Market Share by Application (2020-2025)

Figure 35. Global Automotive Battery Management IC Sales Market Share by Application in 2025

Figure 36. Global Automotive Battery Management IC Market Share by Application (2020-2025)

Figure 37. Global Automotive Battery Management IC Market Share by Application in 2025

Figure 38. Global Automotive Battery Management IC Sales Growth Rate by Application (2020-2025)

Figure 39. Global Automotive Battery Management IC Sales Market Share by Region (2020-2025)

Figure 40. Global Automotive Battery Management IC Market Size by Region (2020-2025)

Figure 41. North America Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 43. North America Automotive Battery Management IC Sales Market Share by Country in 2024

Figure 44. North America Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 45. North America Automotive Battery Management IC Market Size by Country in 2024

Figure 46. U.S. Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 47. U.S. Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 48. Canada Automotive Battery Management IC Sales (K Units) and Growth Rate (2020-2025)

Figure 49. Canada Automotive Battery Management IC Market Size (M USD) and Growth Rate (2020-2025)

Figure 50. Mexico Automotive Battery Management IC Sales (Units) and Growth Rate (2020-2025)

Figure 51. Mexico Automotive Battery Management IC Market Size (Units) and Growth

Rate (2020-2025)

Figure 52. Europe Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 53. Europe Automotive Battery Management IC Sales Market Share by Country in 2024

Figure 54. Europe Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 55. Europe Automotive Battery Management IC Market Size by Country in 2024

Figure 56. Germany Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 57. Germany Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 58. France Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 59. France Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 60. U.K. Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 61. U.K. Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 62. Italy Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 63. Italy Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 64. Spain Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 65. Spain Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 66. Asia Pacific Automotive Battery Management IC Sales and Growth Rate (K Units)

Figure 67. Asia Pacific Automotive Battery Management IC Sales Market Share by Region in 2024

Figure 68. Asia Pacific Automotive Battery Management IC Market Size by Region in 2024

Figure 69. China Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 70. China Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 71. Japan Automotive Battery Management IC Sales and Growth Rate

(2020-2025) & (K Units)

Figure 72. Japan Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 73. South Korea Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 74. South Korea Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 75. India Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 76. India Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 77. Southeast Asia Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 78. Southeast Asia Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 79. South America Automotive Battery Management IC Sales and Growth Rate (K Units)

Figure 80. South America Automotive Battery Management IC Sales Market Share by Country in 2024

Figure 81. South America Automotive Battery Management IC Market Size and Growth Rate (M USD)

Figure 82. South America Automotive Battery Management IC Market Size by Country in 2024

Figure 83. Brazil Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 84. Brazil Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 85. Argentina Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 86. Argentina Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 87. Columbia Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 88. Columbia Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 89. Middle East and Africa Automotive Battery Management IC Sales and Growth Rate (K Units)

Figure 90. Middle East and Africa Automotive Battery Management IC Sales Market Share by Region in 2024

Figure 91. Middle East and Africa Automotive Battery Management IC Market Size and Growth Rate (M USD)

Figure 92. Middle East and Africa Automotive Battery Management IC Market Size by Region in 2024

Figure 93. Saudi Arabia Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 94. Saudi Arabia Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 95. UAE Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 96. UAE Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 97. Egypt Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 98. Egypt Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 99. Nigeria Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 100. Nigeria Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 101. South Africa Automotive Battery Management IC Sales and Growth Rate (2020-2025) & (K Units)

Figure 102. South Africa Automotive Battery Management IC Market Size and Growth Rate (2020-2025) & (M USD)

Figure 103. Global Automotive Battery Management IC Production Market Share by Region (2020-2025)

Figure 104. North America Automotive Battery Management IC Production (K Units) Growth Rate (2020-2025)

Figure 105. Europe Automotive Battery Management IC Production (K Units) Growth Rate (2020-2025)

Figure 106. Japan Automotive Battery Management IC Production (K Units) Growth Rate (2020-2025)

Figure 107. China Automotive Battery Management IC Production (K Units) Growth Rate (2020-2025)

Figure 108. Global Automotive Battery Management IC Sales Forecast by Volume (2020-2035) & (K Units)

Figure 109. Global Automotive Battery Management IC Market Size Forecast by Value (2020-2035) & (M USD)

Figure 110. Global Automotive Battery Management IC Sales Market Share Forecast by

Type (2026-2035)

Figure 111. Global Automotive Battery Management IC Market Share Forecast by Type (2026-2035)

Figure 112. Global Automotive Battery Management IC Sales Forecast by Application (2026-2035)

Figure 113. Global Automotive Battery Management IC Market Share Forecast by Application (2026-2035)

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