

Global Automobile Battery Thermal Management System Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G42C662808A5EN.html>

Date: June 2024

Pages: 101

Price: US\$ 3,480.00 (Single User License)

ID: G42C662808A5EN

Abstracts

According to our (Global Info Research) latest study, the global Automobile Battery Thermal Management System market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Automotive Battery Thermal Management System is a system controlling the cooling and pre-heating of battery used in electric and hybrid vehicles. Automotive Battery Thermal Management System is part of the automotive thermal management system. It ensures batteries operate within a certain temperature range, will be crucial to helping electric cars drive greater distances for a longer period of time. The major parts of automotive battery thermal management system are Cooling plate, battery cooler, electronic water pump and electronic expansion valve. Most of these parts are produced by the system suppliers.

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 Info Research report includes an overview of the development of the Automobile Battery Thermal Management System industry chain, the market status of PHEV (Liquid Cooling and Heating, Air Cooling and Heating), BEV (Liquid Cooling and Heating, Air Cooling and Heating), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automobile Battery Thermal Management System.

Regionally, the report analyzes the Automobile Battery Thermal Management System markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automobile Battery Thermal Management System market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Automobile Battery Thermal Management System market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automobile Battery Thermal Management System industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Liquid Cooling and Heating, Air Cooling and Heating).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automobile Battery Thermal Management System market.

Regional Analysis: The report involves examining the Automobile Battery Thermal Management System market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within

different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Automobile Battery Thermal Management System market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automobile Battery Thermal Management System:

Company Analysis: Report covers individual Automobile Battery Thermal Management System manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Automobile Battery Thermal Management System. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (PHEV, BEV).

Technology Analysis: Report covers specific technologies relevant to Automobile Battery Thermal Management System. It assesses the current state, advancements, and potential future developments in Automobile Battery Thermal Management System areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Automobile Battery Thermal Management System market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Automobile Battery Thermal Management System market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Liquid Cooling and Heating

Air Cooling and Heating

Market segment by Application

PHEV

BEV

Major players covered

Mahle

Valeo

Hanon Systems

Gentherm

Dana

Grayson

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Automobile Battery Thermal Management System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automobile Battery Thermal Management System, with price, sales, revenue and global market share of Automobile Battery Thermal Management System from 2019 to 2024.

Chapter 3, the Automobile Battery Thermal Management System competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automobile Battery Thermal Management System breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Automobile Battery Thermal Management System market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automobile Battery Thermal Management System.

Chapter 14 and 15, to describe Automobile Battery Thermal Management System sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Automobile Battery Thermal Management System

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automobile Battery Thermal Management System

Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Liquid Cooling and Heating

1.3.3 Air Cooling and Heating

1.4 Market Analysis by Application

1.4.1 Overview: Global Automobile Battery Thermal Management System

Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 PHEV

1.4.3 BEV

1.5 Global Automobile Battery Thermal Management System Market Size & Forecast

1.5.1 Global Automobile Battery Thermal Management System Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Automobile Battery Thermal Management System Sales Quantity (2019-2030)

1.5.3 Global Automobile Battery Thermal Management System Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Mahle

2.1.1 Mahle Details

2.1.2 Mahle Major Business

2.1.3 Mahle Automobile Battery Thermal Management System Product and Services

2.1.4 Mahle Automobile Battery Thermal Management System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Mahle Recent Developments/Updates

2.2 Valeo

2.2.1 Valeo Details

2.2.2 Valeo Major Business

2.2.3 Valeo Automobile Battery Thermal Management System Product and Services

2.2.4 Valeo Automobile Battery Thermal Management System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.2.5 Valeo Recent Developments/Updates

2.3 Hanon Systems

2.3.1 Hanon Systems Details

2.3.2 Hanon Systems Major Business

2.3.3 Hanon Systems Automobile Battery Thermal Management System Product and Services

2.3.4 Hanon Systems Automobile Battery Thermal Management System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Hanon Systems Recent Developments/Updates

2.4 Gentherm

2.4.1 Gentherm Details

2.4.2 Gentherm Major Business

2.4.3 Gentherm Automobile Battery Thermal Management System Product and Services

2.4.4 Gentherm Automobile Battery Thermal Management System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 Gentherm Recent Developments/Updates

2.5 Dana

2.5.1 Dana Details

2.5.2 Dana Major Business

2.5.3 Dana Automobile Battery Thermal Management System Product and Services

2.5.4 Dana Automobile Battery Thermal Management System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Dana Recent Developments/Updates

2.6 Grayson

2.6.1 Grayson Details

2.6.2 Grayson Major Business

2.6.3 Grayson Automobile Battery Thermal Management System Product and Services

2.6.4 Grayson Automobile Battery Thermal Management System Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Grayson Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AUTOMOBILE BATTERY THERMAL MANAGEMENT SYSTEM BY MANUFACTURER

3.1 Global Automobile Battery Thermal Management System Sales Quantity by Manufacturer (2019-2024)

3.2 Global Automobile Battery Thermal Management System Revenue by Manufacturer

(2019-2024)

3.3 Global Automobile Battery Thermal Management System Average Price by Manufacturer (2019-2024)

3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Automobile Battery Thermal Management System by Manufacturer Revenue (\$MM) and Market Share (%): 2023

3.4.2 Top 3 Automobile Battery Thermal Management System Manufacturer Market Share in 2023

3.4.2 Top 6 Automobile Battery Thermal Management System Manufacturer Market Share in 2023

3.5 Automobile Battery Thermal Management System Market: Overall Company Footprint Analysis

3.5.1 Automobile Battery Thermal Management System Market: Region Footprint

3.5.2 Automobile Battery Thermal Management System Market: Company Product Type Footprint

3.5.3 Automobile Battery Thermal Management System Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Automobile Battery Thermal Management System Market Size by Region

4.1.1 Global Automobile Battery Thermal Management System Sales Quantity by Region (2019-2030)

4.1.2 Global Automobile Battery Thermal Management System Consumption Value by Region (2019-2030)

4.1.3 Global Automobile Battery Thermal Management System Average Price by Region (2019-2030)

4.2 North America Automobile Battery Thermal Management System Consumption Value (2019-2030)

4.3 Europe Automobile Battery Thermal Management System Consumption Value (2019-2030)

4.4 Asia-Pacific Automobile Battery Thermal Management System Consumption Value (2019-2030)

4.5 South America Automobile Battery Thermal Management System Consumption Value (2019-2030)

4.6 Middle East and Africa Automobile Battery Thermal Management System Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global Automobile Battery Thermal Management System Sales Quantity by Type (2019-2030)

5.2 Global Automobile Battery Thermal Management System Consumption Value by Type (2019-2030)

5.3 Global Automobile Battery Thermal Management System Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Automobile Battery Thermal Management System Sales Quantity by Application (2019-2030)

6.2 Global Automobile Battery Thermal Management System Consumption Value by Application (2019-2030)

6.3 Global Automobile Battery Thermal Management System Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America Automobile Battery Thermal Management System Sales Quantity by Type (2019-2030)

7.2 North America Automobile Battery Thermal Management System Sales Quantity by Application (2019-2030)

7.3 North America Automobile Battery Thermal Management System Market Size by Country

7.3.1 North America Automobile Battery Thermal Management System Sales Quantity by Country (2019-2030)

7.3.2 North America Automobile Battery Thermal Management System Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe Automobile Battery Thermal Management System Sales Quantity by Type (2019-2030)

8.2 Europe Automobile Battery Thermal Management System Sales Quantity by Application (2019-2030)

8.3 Europe Automobile Battery Thermal Management System Market Size by Country

8.3.1 Europe Automobile Battery Thermal Management System Sales Quantity by Country (2019-2030)

8.3.2 Europe Automobile Battery Thermal Management System Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Automobile Battery Thermal Management System Market Size by Region

9.3.1 Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Automobile Battery Thermal Management System Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America Automobile Battery Thermal Management System Sales Quantity by Type (2019-2030)

10.2 South America Automobile Battery Thermal Management System Sales Quantity by Application (2019-2030)

10.3 South America Automobile Battery Thermal Management System Market Size by

Country

10.3.1 South America Automobile Battery Thermal Management System Sales

Quantity by Country (2019-2030)

10.3.2 South America Automobile Battery Thermal Management System Consumption

Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Automobile Battery Thermal Management System Sales

Quantity by Type (2019-2030)

11.2 Middle East & Africa Automobile Battery Thermal Management System Sales

Quantity by Application (2019-2030)

11.3 Middle East & Africa Automobile Battery Thermal Management System Market Size by Country

11.3.1 Middle East & Africa Automobile Battery Thermal Management System Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Automobile Battery Thermal Management System Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 Automobile Battery Thermal Management System Market Drivers

12.2 Automobile Battery Thermal Management System Market Restraints

12.3 Automobile Battery Thermal Management System Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Automobile Battery Thermal Management System and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Automobile Battery Thermal Management System
- 13.3 Automobile Battery Thermal Management System Production Process
- 13.4 Automobile Battery Thermal Management System Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Automobile Battery Thermal Management System Typical Distributors
- 14.3 Automobile Battery Thermal Management System Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Automobile Battery Thermal Management System Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 2. Global Automobile Battery Thermal Management System Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 3. Mahle Basic Information, Manufacturing Base and Competitors
- Table 4. Mahle Major Business
- Table 5. Mahle Automobile Battery Thermal Management System Product and Services
- Table 6. Mahle Automobile Battery Thermal Management System Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 7. Mahle Recent Developments/Updates
- Table 8. Valeo Basic Information, Manufacturing Base and Competitors
- Table 9. Valeo Major Business
- Table 10. Valeo Automobile Battery Thermal Management System Product and Services
- Table 11. Valeo Automobile Battery Thermal Management System Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 12. Valeo Recent Developments/Updates
- Table 13. Hanon Systems Basic Information, Manufacturing Base and Competitors
- Table 14. Hanon Systems Major Business
- Table 15. Hanon Systems Automobile Battery Thermal Management System Product and Services
- Table 16. Hanon Systems Automobile Battery Thermal Management System Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 17. Hanon Systems Recent Developments/Updates
- Table 18. Gentherm Basic Information, Manufacturing Base and Competitors
- Table 19. Gentherm Major Business
- Table 20. Gentherm Automobile Battery Thermal Management System Product and Services
- Table 21. Gentherm Automobile Battery Thermal Management System Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 22. Gentherm Recent Developments/Updates

Table 23. Dana Basic Information, Manufacturing Base and Competitors

Table 24. Dana Major Business

Table 25. Dana Automobile Battery Thermal Management System Product and Services

Table 26. Dana Automobile Battery Thermal Management System Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Dana Recent Developments/Updates

Table 28. Grayson Basic Information, Manufacturing Base and Competitors

Table 29. Grayson Major Business

Table 30. Grayson Automobile Battery Thermal Management System Product and Services

Table 31. Grayson Automobile Battery Thermal Management System Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Grayson Recent Developments/Updates

Table 33. Global Automobile Battery Thermal Management System Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 34. Global Automobile Battery Thermal Management System Revenue by Manufacturer (2019-2024) & (USD Million)

Table 35. Global Automobile Battery Thermal Management System Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 36. Market Position of Manufacturers in Automobile Battery Thermal Management System, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 37. Head Office and Automobile Battery Thermal Management System Production Site of Key Manufacturer

Table 38. Automobile Battery Thermal Management System Market: Company Product Type Footprint

Table 39. Automobile Battery Thermal Management System Market: Company Product Application Footprint

Table 40. Automobile Battery Thermal Management System New Market Entrants and Barriers to Market Entry

Table 41. Automobile Battery Thermal Management System Mergers, Acquisition, Agreements, and Collaborations

Table 42. Global Automobile Battery Thermal Management System Sales Quantity by Region (2019-2024) & (K Units)

Table 43. Global Automobile Battery Thermal Management System Sales Quantity by Region (2025-2030) & (K Units)

Table 44. Global Automobile Battery Thermal Management System Consumption Value

by Region (2019-2024) & (USD Million)

Table 45. Global Automobile Battery Thermal Management System Consumption Value by Region (2025-2030) & (USD Million)

Table 46. Global Automobile Battery Thermal Management System Average Price by Region (2019-2024) & (USD/Unit)

Table 47. Global Automobile Battery Thermal Management System Average Price by Region (2025-2030) & (USD/Unit)

Table 48. Global Automobile Battery Thermal Management System Sales Quantity by Type (2019-2024) & (K Units)

Table 49. Global Automobile Battery Thermal Management System Sales Quantity by Type (2025-2030) & (K Units)

Table 50. Global Automobile Battery Thermal Management System Consumption Value by Type (2019-2024) & (USD Million)

Table 51. Global Automobile Battery Thermal Management System Consumption Value by Type (2025-2030) & (USD Million)

Table 52. Global Automobile Battery Thermal Management System Average Price by Type (2019-2024) & (USD/Unit)

Table 53. Global Automobile Battery Thermal Management System Average Price by Type (2025-2030) & (USD/Unit)

Table 54. Global Automobile Battery Thermal Management System Sales Quantity by Application (2019-2024) & (K Units)

Table 55. Global Automobile Battery Thermal Management System Sales Quantity by Application (2025-2030) & (K Units)

Table 56. Global Automobile Battery Thermal Management System Consumption Value by Application (2019-2024) & (USD Million)

Table 57. Global Automobile Battery Thermal Management System Consumption Value by Application (2025-2030) & (USD Million)

Table 58. Global Automobile Battery Thermal Management System Average Price by Application (2019-2024) & (USD/Unit)

Table 59. Global Automobile Battery Thermal Management System Average Price by Application (2025-2030) & (USD/Unit)

Table 60. North America Automobile Battery Thermal Management System Sales Quantity by Type (2019-2024) & (K Units)

Table 61. North America Automobile Battery Thermal Management System Sales Quantity by Type (2025-2030) & (K Units)

Table 62. North America Automobile Battery Thermal Management System Sales Quantity by Application (2019-2024) & (K Units)

Table 63. North America Automobile Battery Thermal Management System Sales Quantity by Application (2025-2030) & (K Units)

Table 64. North America Automobile Battery Thermal Management System Sales Quantity by Country (2019-2024) & (K Units)

Table 65. North America Automobile Battery Thermal Management System Sales Quantity by Country (2025-2030) & (K Units)

Table 66. North America Automobile Battery Thermal Management System Consumption Value by Country (2019-2024) & (USD Million)

Table 67. North America Automobile Battery Thermal Management System Consumption Value by Country (2025-2030) & (USD Million)

Table 68. Europe Automobile Battery Thermal Management System Sales Quantity by Type (2019-2024) & (K Units)

Table 69. Europe Automobile Battery Thermal Management System Sales Quantity by Type (2025-2030) & (K Units)

Table 70. Europe Automobile Battery Thermal Management System Sales Quantity by Application (2019-2024) & (K Units)

Table 71. Europe Automobile Battery Thermal Management System Sales Quantity by Application (2025-2030) & (K Units)

Table 72. Europe Automobile Battery Thermal Management System Sales Quantity by Country (2019-2024) & (K Units)

Table 73. Europe Automobile Battery Thermal Management System Sales Quantity by Country (2025-2030) & (K Units)

Table 74. Europe Automobile Battery Thermal Management System Consumption Value by Country (2019-2024) & (USD Million)

Table 75. Europe Automobile Battery Thermal Management System Consumption Value by Country (2025-2030) & (USD Million)

Table 76. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Type (2019-2024) & (K Units)

Table 77. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Type (2025-2030) & (K Units)

Table 78. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Application (2019-2024) & (K Units)

Table 79. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Application (2025-2030) & (K Units)

Table 80. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Region (2019-2024) & (K Units)

Table 81. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity by Region (2025-2030) & (K Units)

Table 82. Asia-Pacific Automobile Battery Thermal Management System Consumption Value by Region (2019-2024) & (USD Million)

Table 83. Asia-Pacific Automobile Battery Thermal Management System Consumption

Value by Region (2025-2030) & (USD Million)

Table 84. South America Automobile Battery Thermal Management System Sales Quantity by Type (2019-2024) & (K Units)

Table 85. South America Automobile Battery Thermal Management System Sales Quantity by Type (2025-2030) & (K Units)

Table 86. South America Automobile Battery Thermal Management System Sales Quantity by Application (2019-2024) & (K Units)

Table 87. South America Automobile Battery Thermal Management System Sales Quantity by Application (2025-2030) & (K Units)

Table 88. South America Automobile Battery Thermal Management System Sales Quantity by Country (2019-2024) & (K Units)

Table 89. South America Automobile Battery Thermal Management System Sales Quantity by Country (2025-2030) & (K Units)

Table 90. South America Automobile Battery Thermal Management System Consumption Value by Country (2019-2024) & (USD Million)

Table 91. South America Automobile Battery Thermal Management System Consumption Value by Country (2025-2030) & (USD Million)

Table 92. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity by Type (2019-2024) & (K Units)

Table 93. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity by Type (2025-2030) & (K Units)

Table 94. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity by Application (2019-2024) & (K Units)

Table 95. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity by Application (2025-2030) & (K Units)

Table 96. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity by Region (2019-2024) & (K Units)

Table 97. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity by Region (2025-2030) & (K Units)

Table 98. Middle East & Africa Automobile Battery Thermal Management System Consumption Value by Region (2019-2024) & (USD Million)

Table 99. Middle East & Africa Automobile Battery Thermal Management System Consumption Value by Region (2025-2030) & (USD Million)

Table 100. Automobile Battery Thermal Management System Raw Material

Table 101. Key Manufacturers of Automobile Battery Thermal Management System Raw Materials

Table 102. Automobile Battery Thermal Management System Typical Distributors

Table 103. Automobile Battery Thermal Management System Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Automobile Battery Thermal Management System Picture
- Figure 2. Global Automobile Battery Thermal Management System Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Automobile Battery Thermal Management System Consumption Value Market Share by Type in 2023
- Figure 4. Liquid Cooling and Heating Examples
- Figure 5. Air Cooling and Heating Examples
- Figure 6. Global Automobile Battery Thermal Management System Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 7. Global Automobile Battery Thermal Management System Consumption Value Market Share by Application in 2023
- Figure 8. PHEV Examples
- Figure 9. BEV Examples
- Figure 10. Global Automobile Battery Thermal Management System Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 11. Global Automobile Battery Thermal Management System Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 12. Global Automobile Battery Thermal Management System Sales Quantity (2019-2030) & (K Units)
- Figure 13. Global Automobile Battery Thermal Management System Average Price (2019-2030) & (USD/Unit)
- Figure 14. Global Automobile Battery Thermal Management System Sales Quantity Market Share by Manufacturer in 2023
- Figure 15. Global Automobile Battery Thermal Management System Consumption Value Market Share by Manufacturer in 2023
- Figure 16. Producer Shipments of Automobile Battery Thermal Management System by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 17. Top 3 Automobile Battery Thermal Management System Manufacturer (Consumption Value) Market Share in 2023
- Figure 18. Top 6 Automobile Battery Thermal Management System Manufacturer (Consumption Value) Market Share in 2023
- Figure 19. Global Automobile Battery Thermal Management System Sales Quantity Market Share by Region (2019-2030)
- Figure 20. Global Automobile Battery Thermal Management System Consumption Value Market Share by Region (2019-2030)

- Figure 21. North America Automobile Battery Thermal Management System Consumption Value (2019-2030) & (USD Million)
- Figure 22. Europe Automobile Battery Thermal Management System Consumption Value (2019-2030) & (USD Million)
- Figure 23. Asia-Pacific Automobile Battery Thermal Management System Consumption Value (2019-2030) & (USD Million)
- Figure 24. South America Automobile Battery Thermal Management System Consumption Value (2019-2030) & (USD Million)
- Figure 25. Middle East & Africa Automobile Battery Thermal Management System Consumption Value (2019-2030) & (USD Million)
- Figure 26. Global Automobile Battery Thermal Management System Sales Quantity Market Share by Type (2019-2030)
- Figure 27. Global Automobile Battery Thermal Management System Consumption Value Market Share by Type (2019-2030)
- Figure 28. Global Automobile Battery Thermal Management System Average Price by Type (2019-2030) & (USD/Unit)
- Figure 29. Global Automobile Battery Thermal Management System Sales Quantity Market Share by Application (2019-2030)
- Figure 30. Global Automobile Battery Thermal Management System Consumption Value Market Share by Application (2019-2030)
- Figure 31. Global Automobile Battery Thermal Management System Average Price by Application (2019-2030) & (USD/Unit)
- Figure 32. North America Automobile Battery Thermal Management System Sales Quantity Market Share by Type (2019-2030)
- Figure 33. North America Automobile Battery Thermal Management System Sales Quantity Market Share by Application (2019-2030)
- Figure 34. North America Automobile Battery Thermal Management System Sales Quantity Market Share by Country (2019-2030)
- Figure 35. North America Automobile Battery Thermal Management System Consumption Value Market Share by Country (2019-2030)
- Figure 36. United States Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 37. Canada Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 38. Mexico Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 39. Europe Automobile Battery Thermal Management System Sales Quantity Market Share by Type (2019-2030)
- Figure 40. Europe Automobile Battery Thermal Management System Sales Quantity

Market Share by Application (2019-2030)

Figure 41. Europe Automobile Battery Thermal Management System Sales Quantity Market Share by Country (2019-2030)

Figure 42. Europe Automobile Battery Thermal Management System Consumption Value Market Share by Country (2019-2030)

Figure 43. Germany Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 44. France Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. United Kingdom Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. Russia Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Italy Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity Market Share by Type (2019-2030)

Figure 49. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity Market Share by Application (2019-2030)

Figure 50. Asia-Pacific Automobile Battery Thermal Management System Sales Quantity Market Share by Region (2019-2030)

Figure 51. Asia-Pacific Automobile Battery Thermal Management System Consumption Value Market Share by Region (2019-2030)

Figure 52. China Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Japan Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Korea Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. India Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Southeast Asia Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Australia Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. South America Automobile Battery Thermal Management System Sales Quantity Market Share by Type (2019-2030)

Figure 59. South America Automobile Battery Thermal Management System Sales Quantity Market Share by Application (2019-2030)

Figure 60. South America Automobile Battery Thermal Management System Sales Quantity Market Share by Country (2019-2030)

Figure 61. South America Automobile Battery Thermal Management System Consumption Value Market Share by Country (2019-2030)

Figure 62. Brazil Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. Argentina Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity Market Share by Type (2019-2030)

Figure 65. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity Market Share by Application (2019-2030)

Figure 66. Middle East & Africa Automobile Battery Thermal Management System Sales Quantity Market Share by Region (2019-2030)

Figure 67. Middle East & Africa Automobile Battery Thermal Management System Consumption Value Market Share by Region (2019-2030)

Figure 68. Turkey Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 69. Egypt Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 70. Saudi Arabia Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 71. South Africa Automobile Battery Thermal Management System Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Automobile Battery Thermal Management System Market Drivers

Figure 73. Automobile Battery Thermal Management System Market Restraints

Figure 74. Automobile Battery Thermal Management System Market Trends

Figure 75. Porters Five Forces Analysis

Figure 76. Manufacturing Cost Structure Analysis of Automobile Battery Thermal Management System in 2023

Figure 77. Manufacturing Process Analysis of Automobile Battery Thermal Management System

Figure 78. Automobile Battery Thermal Management System Industrial Chain

Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 80. Direct Channel Pros & Cons

Figure 81. Indirect Channel Pros & Cons

Figure 82. Methodology

Figure 83. Research Process and Data Source

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