

# Global Automobile 48 Volt Battery System Market Growth 2024-2030

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## Abstracts

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According to our LPI (LP Information) latest study, the global Automobile 48 Volt Battery System market size was valued at US\$ million in 2023. With growing demand in downstream market, the Automobile 48 Volt Battery System is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Automobile 48 Volt Battery System market. Automobile 48 Volt Battery System are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Automobile 48 Volt Battery System. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Automobile 48 Volt Battery System market.

The 48 volt battery system comprises a 48-volt Lithium ion battery, AC/DC inverter, battery controller, and power distribution box. The 48 volt battery system delivers four-times the power of a 12 volt battery.

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.

#### Key Features:

The report on Automobile 48 Volt Battery System market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Automobile 48 Volt Battery System market. It may include historical data, market segmentation by Type (e.g., AC/DC Inverter, 48-Volt Lithium Ion Battery), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Automobile 48 Volt Battery System market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Automobile 48 Volt Battery System market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Automobile 48 Volt Battery System industry. This include advancements in Automobile 48 Volt Battery System technology, Automobile 48 Volt Battery System new entrants, Automobile 48 Volt Battery System new investment, and other innovations that are shaping the future of Automobile 48 Volt Battery System.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Automobile 48 Volt Battery System market. It includes factors influencing customer ' purchasing decisions, preferences for Automobile 48 Volt Battery System product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Automobile 48 Volt Battery System market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Automobile 48 Volt Battery System market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the Automobile 48 Volt Battery System market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Automobile 48 Volt Battery System industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Automobile 48 Volt Battery System market.

**Market Segmentation:**

Automobile 48 Volt Battery 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.

Segmentation by type

AC/DC Inverter

48-Volt Lithium Ion Battery

Battery Controller

Power Distribution Box

Others

## Segmentation by application

Passenger Vehicles

Commercial Vehicles

## This report also splits the market by region:

### Americas

United States

Canada

Mexico

Brazil

### APAC

China

Japan

Korea

Southeast Asia

India

Australia

### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

A123 Systems

Continental

Robert Bosch

ZF Friedrichshafen

Aptiv PLC

East Penn Manufacturing

EnerSys

GS Yuasa

Hitachi

Johnson Controls

BorgWarner

Valeo

Vicor

Furukawa Electric

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Automobile 48 Volt Battery System market?

What factors are driving Automobile 48 Volt Battery System market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Automobile 48 Volt Battery System market opportunities vary by end market size?

How does Automobile 48 Volt Battery System break out type, application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Automobile 48 Volt Battery System Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for Automobile 48 Volt Battery System by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for Automobile 48 Volt Battery System by Country/Region, 2019, 2023 & 2030
- 2.2 Automobile 48 Volt Battery System Segment by Type
  - 2.2.1 AC/DC Inverter
  - 2.2.2 48-Volt Lithium Ion Battery
  - 2.2.3 Battery Controller
  - 2.2.4 Power Distribution Box
  - 2.2.5 Others
- 2.3 Automobile 48 Volt Battery System Sales by Type
  - 2.3.1 Global Automobile 48 Volt Battery System Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Automobile 48 Volt Battery System Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Automobile 48 Volt Battery System Sale Price by Type (2019-2024)
- 2.4 Automobile 48 Volt Battery System Segment by Application
  - 2.4.1 Passenger Vehicles
  - 2.4.2 Commercial Vehicles
- 2.5 Automobile 48 Volt Battery System Sales by Application
  - 2.5.1 Global Automobile 48 Volt Battery System Sale Market Share by Application (2019-2024)

2.5.2 Global Automobile 48 Volt Battery System Revenue and Market Share by Application (2019-2024)

2.5.3 Global Automobile 48 Volt Battery System Sale Price by Application (2019-2024)

### **3 GLOBAL AUTOMOBILE 48 VOLT BATTERY SYSTEM BY COMPANY**

3.1 Global Automobile 48 Volt Battery System Breakdown Data by Company

3.1.1 Global Automobile 48 Volt Battery System Annual Sales by Company (2019-2024)

3.1.2 Global Automobile 48 Volt Battery System Sales Market Share by Company (2019-2024)

3.2 Global Automobile 48 Volt Battery System Annual Revenue by Company (2019-2024)

3.2.1 Global Automobile 48 Volt Battery System Revenue by Company (2019-2024)

3.2.2 Global Automobile 48 Volt Battery System Revenue Market Share by Company (2019-2024)

3.3 Global Automobile 48 Volt Battery System Sale Price by Company

3.4 Key Manufacturers Automobile 48 Volt Battery System Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Automobile 48 Volt Battery System Product Location Distribution

3.4.2 Players Automobile 48 Volt Battery System Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR AUTOMOBILE 48 VOLT BATTERY SYSTEM BY GEOGRAPHIC REGION**

4.1 World Historic Automobile 48 Volt Battery System Market Size by Geographic Region (2019-2024)

4.1.1 Global Automobile 48 Volt Battery System Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Automobile 48 Volt Battery System Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Automobile 48 Volt Battery System Market Size by Country/Region (2019-2024)



4.2.1 Global Automobile 48 Volt Battery System Annual Sales by Country/Region (2019-2024)

4.2.2 Global Automobile 48 Volt Battery System Annual Revenue by Country/Region (2019-2024)

4.3 Americas Automobile 48 Volt Battery System Sales Growth

4.4 APAC Automobile 48 Volt Battery System Sales Growth

4.5 Europe Automobile 48 Volt Battery System Sales Growth

4.6 Middle East & Africa Automobile 48 Volt Battery System Sales Growth

## **5 AMERICAS**

5.1 Americas Automobile 48 Volt Battery System Sales by Country

5.1.1 Americas Automobile 48 Volt Battery System Sales by Country (2019-2024)

5.1.2 Americas Automobile 48 Volt Battery System Revenue by Country (2019-2024)

5.2 Americas Automobile 48 Volt Battery System Sales by Type

5.3 Americas Automobile 48 Volt Battery System Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Automobile 48 Volt Battery System Sales by Region

6.1.1 APAC Automobile 48 Volt Battery System Sales by Region (2019-2024)

6.1.2 APAC Automobile 48 Volt Battery System Revenue by Region (2019-2024)

6.2 APAC Automobile 48 Volt Battery System Sales by Type

6.3 APAC Automobile 48 Volt Battery System Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Automobile 48 Volt Battery System by Country

- 7.1.1 Europe Automobile 48 Volt Battery System Sales by Country (2019-2024)
- 7.1.2 Europe Automobile 48 Volt Battery System Revenue by Country (2019-2024)
- 7.2 Europe Automobile 48 Volt Battery System Sales by Type
- 7.3 Europe Automobile 48 Volt Battery System Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Automobile 48 Volt Battery System by Country
  - 8.1.1 Middle East & Africa Automobile 48 Volt Battery System Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Automobile 48 Volt Battery System Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Automobile 48 Volt Battery System Sales by Type
- 8.3 Middle East & Africa Automobile 48 Volt Battery System Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Automobile 48 Volt Battery System
- 10.3 Manufacturing Process Analysis of Automobile 48 Volt Battery System
- 10.4 Industry Chain Structure of Automobile 48 Volt Battery System

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 Automobile 48 Volt Battery System Distributors

## 11.3 Automobile 48 Volt Battery System Customer

# **12 WORLD FORECAST REVIEW FOR AUTOMOBILE 48 VOLT BATTERY SYSTEM BY GEOGRAPHIC REGION**

## 12.1 Global Automobile 48 Volt Battery System Market Size Forecast by Region

### 12.1.1 Global Automobile 48 Volt Battery System Forecast by Region (2025-2030)

### 12.1.2 Global Automobile 48 Volt Battery System Annual Revenue Forecast by Region (2025-2030)

## 12.2 Americas Forecast by Country

## 12.3 APAC Forecast by Region

## 12.4 Europe Forecast by Country

## 12.5 Middle East & Africa Forecast by Country

## 12.6 Global Automobile 48 Volt Battery System Forecast by Type

## 12.7 Global Automobile 48 Volt Battery System Forecast by Application

# **13 KEY PLAYERS ANALYSIS**

## 13.1 A123 Systems

### 13.1.1 A123 Systems Company Information

### 13.1.2 A123 Systems Automobile 48 Volt Battery System Product Portfolios and Specifications

### 13.1.3 A123 Systems Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.1.4 A123 Systems Main Business Overview

### 13.1.5 A123 Systems Latest Developments

## 13.2 Continental

### 13.2.1 Continental Company Information

### 13.2.2 Continental Automobile 48 Volt Battery System Product Portfolios and Specifications

### 13.2.3 Continental Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

### 13.2.4 Continental Main Business Overview

### 13.2.5 Continental Latest Developments

### 13.3 Robert Bosch

#### 13.3.1 Robert Bosch Company Information

#### 13.3.2 Robert Bosch Automobile 48 Volt Battery System Product Portfolios and Specifications

#### 13.3.3 Robert Bosch Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.3.4 Robert Bosch Main Business Overview

#### 13.3.5 Robert Bosch Latest Developments

### 13.4 ZF Friedrichshafen

#### 13.4.1 ZF Friedrichshafen Company Information

#### 13.4.2 ZF Friedrichshafen Automobile 48 Volt Battery System Product Portfolios and Specifications

#### 13.4.3 ZF Friedrichshafen Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.4.4 ZF Friedrichshafen Main Business Overview

#### 13.4.5 ZF Friedrichshafen Latest Developments

### 13.5 Aptiv PLC

#### 13.5.1 Aptiv PLC Company Information

#### 13.5.2 Aptiv PLC Automobile 48 Volt Battery System Product Portfolios and Specifications

#### 13.5.3 Aptiv PLC Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.5.4 Aptiv PLC Main Business Overview

#### 13.5.5 Aptiv PLC Latest Developments

### 13.6 East Penn Manufacturing

#### 13.6.1 East Penn Manufacturing Company Information

#### 13.6.2 East Penn Manufacturing Automobile 48 Volt Battery System Product Portfolios and Specifications

#### 13.6.3 East Penn Manufacturing Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.6.4 East Penn Manufacturing Main Business Overview

#### 13.6.5 East Penn Manufacturing Latest Developments

### 13.7 EnerSys

#### 13.7.1 EnerSys Company Information

#### 13.7.2 EnerSys Automobile 48 Volt Battery System Product Portfolios and Specifications

#### 13.7.3 EnerSys Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

#### 13.7.4 EnerSys Main Business Overview

- 13.7.5 EnerSys Latest Developments
- 13.8 GS Yuasa
  - 13.8.1 GS Yuasa Company Information
  - 13.8.2 GS Yuasa Automobile 48 Volt Battery System Product Portfolios and Specifications
  - 13.8.3 GS Yuasa Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 GS Yuasa Main Business Overview
  - 13.8.5 GS Yuasa Latest Developments
- 13.9 Hitachi
  - 13.9.1 Hitachi Company Information
  - 13.9.2 Hitachi Automobile 48 Volt Battery System Product Portfolios and Specifications
  - 13.9.3 Hitachi Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 Hitachi Main Business Overview
  - 13.9.5 Hitachi Latest Developments
- 13.10 Johnson Controls
  - 13.10.1 Johnson Controls Company Information
  - 13.10.2 Johnson Controls Automobile 48 Volt Battery System Product Portfolios and Specifications
  - 13.10.3 Johnson Controls Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.10.4 Johnson Controls Main Business Overview
  - 13.10.5 Johnson Controls Latest Developments
- 13.11 BorgWarner
  - 13.11.1 BorgWarner Company Information
  - 13.11.2 BorgWarner Automobile 48 Volt Battery System Product Portfolios and Specifications
  - 13.11.3 BorgWarner Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.11.4 BorgWarner Main Business Overview
  - 13.11.5 BorgWarner Latest Developments
- 13.12 Valeo
  - 13.12.1 Valeo Company Information
  - 13.12.2 Valeo Automobile 48 Volt Battery System Product Portfolios and Specifications
  - 13.12.3 Valeo Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.12.4 Valeo Main Business Overview

13.12.5 Valeo Latest Developments

13.13 Vicor

13.13.1 Vicor Company Information

13.13.2 Vicor Automobile 48 Volt Battery System Product Portfolios and Specifications

13.13.3 Vicor Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Vicor Main Business Overview

13.13.5 Vicor Latest Developments

13.14 Furukawa Electric

13.14.1 Furukawa Electric Company Information

13.14.2 Furukawa Electric Automobile 48 Volt Battery System Product Portfolios and Specifications

13.14.3 Furukawa Electric Automobile 48 Volt Battery System Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 Furukawa Electric Main Business Overview

13.14.5 Furukawa Electric Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Automobile 48 Volt Battery System Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Automobile 48 Volt Battery System Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of AC/DC Inverter

Table 4. Major Players of 48-Volt Lithium Ion Battery

Table 5. Major Players of Battery Controller

Table 6. Major Players of Power Distribution Box

Table 7. Major Players of Others

Table 8. Global Automobile 48 Volt Battery System Sales by Type (2019-2024) & (K Units)

Table 9. Global Automobile 48 Volt Battery System Sales Market Share by Type (2019-2024)

Table 10. Global Automobile 48 Volt Battery System Revenue by Type (2019-2024) & (\$ million)

Table 11. Global Automobile 48 Volt Battery System Revenue Market Share by Type (2019-2024)

Table 12. Global Automobile 48 Volt Battery System Sale Price by Type (2019-2024) & (USD/Unit)

Table 13. Global Automobile 48 Volt Battery System Sales by Application (2019-2024) & (K Units)

Table 14. Global Automobile 48 Volt Battery System Sales Market Share by Application (2019-2024)

Table 15. Global Automobile 48 Volt Battery System Revenue by Application (2019-2024)

Table 16. Global Automobile 48 Volt Battery System Revenue Market Share by Application (2019-2024)

Table 17. Global Automobile 48 Volt Battery System Sale Price by Application (2019-2024) & (USD/Unit)

Table 18. Global Automobile 48 Volt Battery System Sales by Company (2019-2024) & (K Units)

Table 19. Global Automobile 48 Volt Battery System Sales Market Share by Company (2019-2024)

Table 20. Global Automobile 48 Volt Battery System Revenue by Company (2019-2024) (\$ Millions)



- Table 21. Global Automobile 48 Volt Battery System Revenue Market Share by Company (2019-2024)
- Table 22. Global Automobile 48 Volt Battery System Sale Price by Company (2019-2024) & (USD/Unit)
- Table 23. Key Manufacturers Automobile 48 Volt Battery System Producing Area Distribution and Sales Area
- Table 24. Players Automobile 48 Volt Battery System Products Offered
- Table 25. Automobile 48 Volt Battery System Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 26. New Products and Potential Entrants
- Table 27. Mergers & Acquisitions, Expansion
- Table 28. Global Automobile 48 Volt Battery System Sales by Geographic Region (2019-2024) & (K Units)
- Table 29. Global Automobile 48 Volt Battery System Sales Market Share Geographic Region (2019-2024)
- Table 30. Global Automobile 48 Volt Battery System Revenue by Geographic Region (2019-2024) & (\$ millions)
- Table 31. Global Automobile 48 Volt Battery System Revenue Market Share by Geographic Region (2019-2024)
- Table 32. Global Automobile 48 Volt Battery System Sales by Country/Region (2019-2024) & (K Units)
- Table 33. Global Automobile 48 Volt Battery System Sales Market Share by Country/Region (2019-2024)
- Table 34. Global Automobile 48 Volt Battery System Revenue by Country/Region (2019-2024) & (\$ millions)
- Table 35. Global Automobile 48 Volt Battery System Revenue Market Share by Country/Region (2019-2024)
- Table 36. Americas Automobile 48 Volt Battery System Sales by Country (2019-2024) & (K Units)
- Table 37. Americas Automobile 48 Volt Battery System Sales Market Share by Country (2019-2024)
- Table 38. Americas Automobile 48 Volt Battery System Revenue by Country (2019-2024) & (\$ Millions)
- Table 39. Americas Automobile 48 Volt Battery System Revenue Market Share by Country (2019-2024)
- Table 40. Americas Automobile 48 Volt Battery System Sales by Type (2019-2024) & (K Units)
- Table 41. Americas Automobile 48 Volt Battery System Sales by Application (2019-2024) & (K Units)



Table 42. APAC Automobile 48 Volt Battery System Sales by Region (2019-2024) & (K Units)

Table 43. APAC Automobile 48 Volt Battery System Sales Market Share by Region (2019-2024)

Table 44. APAC Automobile 48 Volt Battery System Revenue by Region (2019-2024) & (\$ Millions)

Table 45. APAC Automobile 48 Volt Battery System Revenue Market Share by Region (2019-2024)

Table 46. APAC Automobile 48 Volt Battery System Sales by Type (2019-2024) & (K Units)

Table 47. APAC Automobile 48 Volt Battery System Sales by Application (2019-2024) & (K Units)

Table 48. Europe Automobile 48 Volt Battery System Sales by Country (2019-2024) & (K Units)

Table 49. Europe Automobile 48 Volt Battery System Sales Market Share by Country (2019-2024)

Table 50. Europe Automobile 48 Volt Battery System Revenue by Country (2019-2024) & (\$ Millions)

Table 51. Europe Automobile 48 Volt Battery System Revenue Market Share by Country (2019-2024)

Table 52. Europe Automobile 48 Volt Battery System Sales by Type (2019-2024) & (K Units)

Table 53. Europe Automobile 48 Volt Battery System Sales by Application (2019-2024) & (K Units)

Table 54. Middle East & Africa Automobile 48 Volt Battery System Sales by Country (2019-2024) & (K Units)

Table 55. Middle East & Africa Automobile 48 Volt Battery System Sales Market Share by Country (2019-2024)

Table 56. Middle East & Africa Automobile 48 Volt Battery System Revenue by Country (2019-2024) & (\$ Millions)

Table 57. Middle East & Africa Automobile 48 Volt Battery System Revenue Market Share by Country (2019-2024)

Table 58. Middle East & Africa Automobile 48 Volt Battery System Sales by Type (2019-2024) & (K Units)

Table 59. Middle East & Africa Automobile 48 Volt Battery System Sales by Application (2019-2024) & (K Units)

Table 60. Key Market Drivers & Growth Opportunities of Automobile 48 Volt Battery System

Table 61. Key Market Challenges & Risks of Automobile 48 Volt Battery System

- Table 62. Key Industry Trends of Automobile 48 Volt Battery System
- Table 63. Automobile 48 Volt Battery System Raw Material
- Table 64. Key Suppliers of Raw Materials
- Table 65. Automobile 48 Volt Battery System Distributors List
- Table 66. Automobile 48 Volt Battery System Customer List
- Table 67. Global Automobile 48 Volt Battery System Sales Forecast by Region (2025-2030) & (K Units)
- Table 68. Global Automobile 48 Volt Battery System Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 69. Americas Automobile 48 Volt Battery System Sales Forecast by Country (2025-2030) & (K Units)
- Table 70. Americas Automobile 48 Volt Battery System Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 71. APAC Automobile 48 Volt Battery System Sales Forecast by Region (2025-2030) & (K Units)
- Table 72. APAC Automobile 48 Volt Battery System Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 73. Europe Automobile 48 Volt Battery System Sales Forecast by Country (2025-2030) & (K Units)
- Table 74. Europe Automobile 48 Volt Battery System Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 75. Middle East & Africa Automobile 48 Volt Battery System Sales Forecast by Country (2025-2030) & (K Units)
- Table 76. Middle East & Africa Automobile 48 Volt Battery System Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 77. Global Automobile 48 Volt Battery System Sales Forecast by Type (2025-2030) & (K Units)
- Table 78. Global Automobile 48 Volt Battery System Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 79. Global Automobile 48 Volt Battery System Sales Forecast by Application (2025-2030) & (K Units)
- Table 80. Global Automobile 48 Volt Battery System Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 81. A123 Systems Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors
- Table 82. A123 Systems Automobile 48 Volt Battery System Product Portfolios and Specifications
- Table 83. A123 Systems Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. A123 Systems Main Business

Table 85. A123 Systems Latest Developments

Table 86. Continental Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 87. Continental Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 88. Continental Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. Continental Main Business

Table 90. Continental Latest Developments

Table 91. Robert Bosch Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 92. Robert Bosch Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 93. Robert Bosch Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Robert Bosch Main Business

Table 95. Robert Bosch Latest Developments

Table 96. ZF Friedrichshafen Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 97. ZF Friedrichshafen Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 98. ZF Friedrichshafen Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. ZF Friedrichshafen Main Business

Table 100. ZF Friedrichshafen Latest Developments

Table 101. Aptiv PLC Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 102. Aptiv PLC Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 103. Aptiv PLC Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 104. Aptiv PLC Main Business

Table 105. Aptiv PLC Latest Developments

Table 106. East Penn Manufacturing Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 107. East Penn Manufacturing Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 108. East Penn Manufacturing Automobile 48 Volt Battery System Sales (K

- Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. East Penn Manufacturing Main Business
- Table 110. East Penn Manufacturing Latest Developments
- Table 111. EnerSys Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors
- Table 112. EnerSys Automobile 48 Volt Battery System Product Portfolios and Specifications
- Table 113. EnerSys Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. EnerSys Main Business
- Table 115. EnerSys Latest Developments
- Table 116. GS Yuasa Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors
- Table 117. GS Yuasa Automobile 48 Volt Battery System Product Portfolios and Specifications
- Table 118. GS Yuasa Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 119. GS Yuasa Main Business
- Table 120. GS Yuasa Latest Developments
- Table 121. Hitachi Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors
- Table 122. Hitachi Automobile 48 Volt Battery System Product Portfolios and Specifications
- Table 123. Hitachi Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 124. Hitachi Main Business
- Table 125. Hitachi Latest Developments
- Table 126. Johnson Controls Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors
- Table 127. Johnson Controls Automobile 48 Volt Battery System Product Portfolios and Specifications
- Table 128. Johnson Controls Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 129. Johnson Controls Main Business
- Table 130. Johnson Controls Latest Developments
- Table 131. BorgWarner Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors
- Table 132. BorgWarner Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 133. BorgWarner Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 134. BorgWarner Main Business

Table 135. BorgWarner Latest Developments

Table 136. Valeo Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 137. Valeo Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 138. Valeo Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 139. Valeo Main Business

Table 140. Valeo Latest Developments

Table 141. Vicor Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 142. Vicor Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 143. Vicor Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 144. Vicor Main Business

Table 145. Vicor Latest Developments

Table 146. Furukawa Electric Basic Information, Automobile 48 Volt Battery System Manufacturing Base, Sales Area and Its Competitors

Table 147. Furukawa Electric Automobile 48 Volt Battery System Product Portfolios and Specifications

Table 148. Furukawa Electric Automobile 48 Volt Battery System Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 149. Furukawa Electric Main Business

Table 150. Furukawa Electric Latest Developments



## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Automobile 48 Volt Battery System
- Figure 2. Automobile 48 Volt Battery System Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Automobile 48 Volt Battery System Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Automobile 48 Volt Battery System Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Automobile 48 Volt Battery System Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of AC/DC Inverter
- Figure 10. Product Picture of 48-Volt Lithium Ion Battery
- Figure 11. Product Picture of Battery Controller
- Figure 12. Product Picture of Power Distribution Box
- Figure 13. Product Picture of Others
- Figure 14. Global Automobile 48 Volt Battery System Sales Market Share by Type in 2023
- Figure 15. Global Automobile 48 Volt Battery System Revenue Market Share by Type (2019-2024)
- Figure 16. Automobile 48 Volt Battery System Consumed in Passenger Vehicles
- Figure 17. Global Automobile 48 Volt Battery System Market: Passenger Vehicles (2019-2024) & (K Units)
- Figure 18. Automobile 48 Volt Battery System Consumed in Commercial Vehicles
- Figure 19. Global Automobile 48 Volt Battery System Market: Commercial Vehicles (2019-2024) & (K Units)
- Figure 20. Global Automobile 48 Volt Battery System Sales Market Share by Application (2023)
- Figure 21. Global Automobile 48 Volt Battery System Revenue Market Share by Application in 2023
- Figure 22. Automobile 48 Volt Battery System Sales Market by Company in 2023 (K Units)
- Figure 23. Global Automobile 48 Volt Battery System Sales Market Share by Company in 2023
- Figure 24. Automobile 48 Volt Battery System Revenue Market by Company in 2023 (\$

Million)

Figure 25. Global Automobile 48 Volt Battery System Revenue Market Share by Company in 2023

Figure 26. Global Automobile 48 Volt Battery System Sales Market Share by Geographic Region (2019-2024)

Figure 27. Global Automobile 48 Volt Battery System Revenue Market Share by Geographic Region in 2023

Figure 28. Americas Automobile 48 Volt Battery System Sales 2019-2024 (K Units)

Figure 29. Americas Automobile 48 Volt Battery System Revenue 2019-2024 (\$ Millions)

Figure 30. APAC Automobile 48 Volt Battery System Sales 2019-2024 (K Units)

Figure 31. APAC Automobile 48 Volt Battery System Revenue 2019-2024 (\$ Millions)

Figure 32. Europe Automobile 48 Volt Battery System Sales 2019-2024 (K Units)

Figure 33. Europe Automobile 48 Volt Battery System Revenue 2019-2024 (\$ Millions)

Figure 34. Middle East & Africa Automobile 48 Volt Battery System Sales 2019-2024 (K Units)

Figure 35. Middle East & Africa Automobile 48 Volt Battery System Revenue 2019-2024 (\$ Millions)

Figure 36. Americas Automobile 48 Volt Battery System Sales Market Share by Country in 2023

Figure 37. Americas Automobile 48 Volt Battery System Revenue Market Share by Country in 2023

Figure 38. Americas Automobile 48 Volt Battery System Sales Market Share by Type (2019-2024)

Figure 39. Americas Automobile 48 Volt Battery System Sales Market Share by Application (2019-2024)

Figure 40. United States Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 41. Canada Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 42. Mexico Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 43. Brazil Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 44. APAC Automobile 48 Volt Battery System Sales Market Share by Region in 2023

Figure 45. APAC Automobile 48 Volt Battery System Revenue Market Share by Regions in 2023

Figure 46. APAC Automobile 48 Volt Battery System Sales Market Share by Type

(2019-2024)

Figure 47. APAC Automobile 48 Volt Battery System Sales Market Share by Application (2019-2024)

Figure 48. China Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 49. Japan Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 50. South Korea Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 51. Southeast Asia Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 52. India Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 53. Australia Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 54. China Taiwan Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 55. Europe Automobile 48 Volt Battery System Sales Market Share by Country in 2023

Figure 56. Europe Automobile 48 Volt Battery System Revenue Market Share by Country in 2023

Figure 57. Europe Automobile 48 Volt Battery System Sales Market Share by Type (2019-2024)

Figure 58. Europe Automobile 48 Volt Battery System Sales Market Share by Application (2019-2024)

Figure 59. Germany Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 60. France Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 61. UK Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 62. Italy Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 63. Russia Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 64. Middle East & Africa Automobile 48 Volt Battery System Sales Market Share by Country in 2023

Figure 65. Middle East & Africa Automobile 48 Volt Battery System Revenue Market Share by Country in 2023



Figure 66. Middle East & Africa Automobile 48 Volt Battery System Sales Market Share by Type (2019-2024)

Figure 67. Middle East & Africa Automobile 48 Volt Battery System Sales Market Share by Application (2019-2024)

Figure 68. Egypt Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 69. South Africa Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 70. Israel Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 71. Turkey Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 72. GCC Country Automobile 48 Volt Battery System Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Manufacturing Cost Structure Analysis of Automobile 48 Volt Battery System in 2023

Figure 74. Manufacturing Process Analysis of Automobile 48 Volt Battery System

Figure 75. Industry Chain Structure of Automobile 48 Volt Battery System

Figure 76. Channels of Distribution

Figure 77. Global Automobile 48 Volt Battery System Sales Market Forecast by Region (2025-2030)

Figure 78. Global Automobile 48 Volt Battery System Revenue Market Share Forecast by Region (2025-2030)

Figure 79. Global Automobile 48 Volt Battery System Sales Market Share Forecast by Type (2025-2030)

Figure 80. Global Automobile 48 Volt Battery System Revenue Market Share Forecast by Type (2025-2030)

Figure 81. Global Automobile 48 Volt Battery System Sales Market Share Forecast by Application (2025-2030)

Figure 82. Global Automobile 48 Volt Battery System Revenue Market Share Forecast by Application (2025-2030)

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