

# Global Electric Vehicle Battery Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Electric Vehicle Battery market size will reach 99,642 Million USD in 2025 and is projected to reach 443,101 Million USD by 2032, with a CAGR of 23.76% (2025-2032). Notably, the China Electric Vehicle Battery market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

An Electric Vehicle (EV) Battery is a rechargeable battery used to power the electric motor of an EV, storing and supplying the electrical energy necessary for vehicle propulsion. Typically composed of multiple lithium-ion cells, EV batteries offer high energy density, long cycle life, and efficiency. These batteries are designed to provide substantial driving range, quick recharging capabilities, and robust performance under various operating conditions. They are integral to the vehicle's powertrain system, working in conjunction with the battery management system (BMS) to ensure safe operation, optimize energy usage, and extend battery life. EV batteries are a key component in the transition to sustainable transportation, reducing reliance on fossil fuels and lowering emissions.

The major global manufacturers of Electric Vehicle Battery include CATL, BYD, LG New Energy, Panasonic, SK On, CALB Group, Samsung SDI, Gotion High-tech, EVE Energy, Sunwoda Electronic, Farasis Energy, SVOLT Energy Technology, Beijing WeLion New Energy Technology, Jiangsu Zenergy Battery Technologies, REPT

BATTERO Energy, Greater Bay Technology, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Electric Vehicle Battery. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Electric Vehicle Battery market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Electric Vehicle Battery market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Electric Vehicle Battery industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Electric Vehicle Battery Include:

CATL

BYD

LG New Energy

Panasonic

SK On

CALB Group

Samsung SDI

Gotion High-tech

EVE Energy

Sunwoda Electronic

Farasis Energy

SVOLT Energy Technology

Beijing WeLion New Energy Technology

Jiangsu Zenergy Battery Technologies

REPT BATTERO Energy

Greater Bay Technology

Electric Vehicle Battery Product Segment Include:

EDXRF (Energy-Dispersive X-ray Fluorescence) micro-XRF

WDXRF (Wavelength-Dispersive X-ray Fluorescence) micro-XRF

Electric Vehicle Battery Product Application Include:

Hybrid Electric Vehicle

## Battery Electric Vehicle

### **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Electric Vehicle Battery Industry PESTEL Analysis

Chapter 3: Global Electric Vehicle Battery Industry Porter's Five Forces Analysis

Chapter 4: Global Electric Vehicle Battery Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Electric Vehicle Battery Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Electric Vehicle Battery Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Electric Vehicle Battery Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Electric Vehicle Battery Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Electric Vehicle Battery Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Electric Vehicle Battery Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Electric Vehicle Battery Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Electric Vehicle Battery Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

## Contents

### **1 ELECTRIC VEHICLE BATTERY MARKET OVERVIEW**

- 1.1 Product Definition and Statistical Scope
- 1.2 Electric Vehicle Battery Product by Type
  - 1.2.1 EDXRF (Energy-Dispersive X-ray Fluorescence) micro-XRF
  - 1.2.2 WDXRF (Wavelength-Dispersive X-ray Fluorescence) micro-XRF
- 1.3 Electric Vehicle Battery Product by Application
  - 1.3.1 Hybrid Electric Vehicle
  - 1.3.2 Battery Electric Vehicle
- 1.4 Global Electric Vehicle Battery Market Revenue and Sales Analysis
  - 1.4.1 Global Electric Vehicle Battery Revenue Market Size Analysis (2020-2032)
  - 1.4.2 Global Electric Vehicle Battery Sales Market Size Analysis (2020-2032)
  - 1.4.3 Global Electric Vehicle Battery Market Sales Price Trend Analysis (2020-2032)
- 1.5 Electric Vehicle Battery Industry Trends and Innovation
  - 1.5.1 Electric Vehicle Battery Industry Trends and Innovation
  - 1.5.2 Electric Vehicle Battery Market Drivers and Challenges

### **2 ELECTRIC VEHICLE BATTERY MARKET PESTEL ANALYSIS**

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

### **3 ELECTRIC VEHICLE BATTERY MARKET PORTER'S FIVE FORCES ANALYSIS**

- 3.1 Competitive Rivalry
- 3.2 Threat of New Entrants
- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers
- 3.5 Threat of Substitutes

### **4 GLOBAL ELECTRIC VEHICLE BATTERY MARKET ANALYSIS BY REGIONS**

- 4.1 Global Electric Vehicle Battery Overall Market: 2024 VS 2025 VS 2032

#### 4.2 Global Electric Vehicle Battery Revenue and Forecast Analysis (2020-2032)

4.2.1 Global Electric Vehicle Battery Revenue and Market Share by Region (2020-2025)

4.2.2 Global Electric Vehicle Battery Revenue and Market Share Forecast by Region (2026-2032)

#### 4.3 Global Electric Vehicle Battery Sales and Forecast Analysis (2020-2032)

4.3.1 Global Electric Vehicle Battery Sales and Market Share by Region (2020-2025)

4.3.2 Global Electric Vehicle Battery Sales and Market Share Forecast by Region (2026-2032)

#### 4.4 Global Electric Vehicle Battery Sales Price Trend Analysis (2020-2032)

### **5 GLOBAL ELECTRIC VEHICLE BATTERY MARKET SIZE BY TYPE AND APPLICATION**

#### 5.1 Global Electric Vehicle Battery Market Size by Type

5.1.1 Global Electric Vehicle Battery Revenue and Forecast Analysis by Type (2020-2032)

5.1.2 Global Electric Vehicle Battery Sales and Forecast Analysis by Type (2020-2032)

#### 5.2 Global Electric Vehicle Battery Market Size by Application

5.2.1 Global Electric Vehicle Battery Revenue and Forecast Analysis by Application (2020-2032)

5.2.2 Global Electric Vehicle Battery Sales and Forecast Analysis by Application (2020-2032)

### **6 NORTH AMERICA**

6.1 North America Electric Vehicle Battery Market Size and Growth Rate Analysis (2020-2032)

#### 6.2 North America Key Manufacturers Analysis

#### 6.3 North America Electric Vehicle Battery Market Size by Type

6.3.1 North America Electric Vehicle Battery Sales by Type (2020-2032)

6.3.2 North America Electric Vehicle Battery Revenue by Type (2020-2032)

#### 6.4 North America Electric Vehicle Battery Market Size by Application

6.4.1 North America Electric Vehicle Battery Sales by Application (2020-2032)

6.4.2 North America Electric Vehicle Battery Revenue by Application (2020-2032)

#### 6.5 North America Electric Vehicle Battery Market Size by Country

6.5.1 US

6.5.2 Canada

## **7 EUROPE**

- 7.1 Europe Electric Vehicle Battery Market Size and Growth Rate Analysis (2020-2032)
- 7.2 Europe Key Manufacturers Analysis
- 7.3 Europe Electric Vehicle Battery Market Size by Type
  - 7.3.1 Europe Electric Vehicle Battery Sales by Type (2020-2032)
  - 7.3.2 Europe Electric Vehicle Battery Revenue by Type (2020-2032)
- 7.4 Europe Electric Vehicle Battery Market Size by Application
  - 7.4.1 Europe Electric Vehicle Battery Sales by Application (2020-2032)
  - 7.4.2 Europe Electric Vehicle Battery Revenue by Application (2020-2032)
- 7.5 Europe Electric Vehicle Battery Market Size by Country
  - 7.5.1 Germany
  - 7.5.2 France
  - 7.5.3 United Kingdom
  - 7.5.4 Italy
  - 7.5.5 Spain
  - 7.5.6 Benelux

## **8 CHINA**

- 8.1 China Electric Vehicle Battery Market Size and Growth Rate Analysis (2020-2032)
- 8.2 China Key Manufacturers Analysis
- 8.3 China Electric Vehicle Battery Market Size by Type
  - 8.3.1 China Electric Vehicle Battery Sales by Type (2020-2032)
  - 8.3.2 China Electric Vehicle Battery Revenue by Type (2020-2032)
- 8.4 China Electric Vehicle Battery Market Size by Application
  - 8.4.1 China Electric Vehicle Battery Sales by Application (2020-2032)
  - 8.4.2 China Electric Vehicle Battery Revenue by Application (2020-2032)

## **9 APAC (EXCL. CHINA)**

- 9.1 APAC (excl. China) Electric Vehicle Battery Market Size and Growth Rate Analysis (2020-2032)
- 9.2 APAC (excl. China) Key Manufacturers Analysis
- 9.3 APAC (excl. China) Electric Vehicle Battery Market Size by Type
  - 9.3.1 APAC (excl. China) Electric Vehicle Battery Sales by Type (2020-2032)
  - 9.3.2 APAC (excl. China) Electric Vehicle Battery Revenue by Type (2020-2032)
- 9.4 APAC (excl. China) Electric Vehicle Battery Market Size by Application
  - 9.4.1 APAC (excl. China) Electric Vehicle Battery Sales by Application (2020-2032)

- 9.4.2 APAC (excl. China) Electric Vehicle Battery Revenue by Application (2020-2032)
- 9.5 APAC (excl. China) Electric Vehicle Battery Market Size by Country
  - 9.5.1 Japan
  - 9.5.2 South Korea
  - 9.5.3 India
  - 9.5.4 Australia
  - 9.5.5 Southeast Asia

## **10 LATIN AMERICA**

- 10.1 Latin America Electric Vehicle Battery Market Size and Growth Rate Analysis (2020-2032)
- 10.2 Latin America Key Manufacturers Analysis
- 10.3 Latin America Electric Vehicle Battery Market Size by Type
  - 10.3.1 Latin America Electric Vehicle Battery Sales by Type (2020-2032)
  - 10.3.2 Latin America Electric Vehicle Battery Revenue by Type (2020-2032)
- 10.4 Latin America Electric Vehicle Battery Market Size by Application
  - 10.4.1 Latin America Electric Vehicle Battery Sales by Application (2020-2032)
  - 10.4.2 Latin America Electric Vehicle Battery Revenue by Application (2020-2032)
- 10.5 Latin America Electric Vehicle Battery Market Size by Country
- 10.6 Latin America Electric Vehicle Battery Market Size by Country
  - 10.6.1 Mexico
  - 10.6.2 Brazil

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Electric Vehicle Battery Market Size and Growth Rate Analysis (2020-2032)
- 11.2 Middle East & Africa Key Manufacturers Analysis
- 11.3 Middle East & Africa Electric Vehicle Battery Market Size by Type
  - 11.3.1 Middle East & Africa Electric Vehicle Battery Sales by Type (2020-2032)
  - 11.3.2 Middle East & Africa Electric Vehicle Battery Revenue by Type (2020-2032)
- 11.4 Middle East & Africa Electric Vehicle Battery Market Size by Application
  - 11.4.1 Middle East & Africa Electric Vehicle Battery Sales by Application (2020-2032)
  - 11.4.2 Middle East & Africa Electric Vehicle Battery Revenue by Application (2020-2032)
- 11.5 Middle East Electric Vehicle Battery Market Size by Country
  - 11.5.1 Saudi Arabia
  - 11.5.2 South Africa

## **12 COMPETITION BY MANUFACTURERS**

12.1 Global Electric Vehicle Battery Market Sales, Revenue and Price by Key Manufacturers (2021-2025)

12.1.1 Global Electric Vehicle Battery Market Sales by Key Manufacturers (2021-2025)

12.1.2 Global Electric Vehicle Battery Market Revenue by Key Manufacturers (2021-2025)

12.1.3 Global Electric Vehicle Battery Average Sales Price by Manufacturers (2021-2025)

12.2 Electric Vehicle Battery Competitive Landscape Analysis and Market Dynamic

12.2.1 Electric Vehicle Battery Competitive Landscape Analysis

12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

## **13 KEY COMPANIES ANALYSIS**

13.1 CATL

13.1.1 CATL Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.1.2 CATL Electric Vehicle Battery Product Portfolio

13.1.3 CATL Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.2 BYD

13.2.1 BYD Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 BYD Electric Vehicle Battery Product Portfolio

13.2.3 BYD Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.3 LG New Energy

13.3.1 LG New Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 LG New Energy Electric Vehicle Battery Product Portfolio

13.3.3 LG New Energy Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.4 Panasonic

13.4.1 Panasonic Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.4.2 Panasonic Electric Vehicle Battery Product Portfolio

13.4.3 Panasonic Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.5 SK On

13.5.1 SK On Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.5.2 SK On Electric Vehicle Battery Product Portfolio

13.5.3 SK On Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.6 CALB Group

13.6.1 CALB Group Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.6.2 CALB Group Electric Vehicle Battery Product Portfolio

13.6.3 CALB Group Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.7 Samsung SDI

13.7.1 Samsung SDI Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.7.2 Samsung SDI Electric Vehicle Battery Product Portfolio

13.7.3 Samsung SDI Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.8 Gotion High-tech

13.8.1 Gotion High-tech Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.8.2 Gotion High-tech Electric Vehicle Battery Product Portfolio

13.8.3 Gotion High-tech Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.9 EVE Energy

13.9.1 EVE Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.9.2 EVE Energy Electric Vehicle Battery Product Portfolio

13.9.3 EVE Energy Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.10 Sunwoda Electronic

13.10.1 Sunwoda Electronic Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.10.2 Sunwoda Electronic Electric Vehicle Battery Product Portfolio

13.10.3 Sunwoda Electronic Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

### 13.11 Farasis Energy

- 13.11.1 Farasis Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- 13.11.2 Farasis Energy Electric Vehicle Battery Product Portfolio
- 13.11.3 Farasis Energy Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.12 SVOLT Energy Technology
  - 13.12.1 SVOLT Energy Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.12.2 SVOLT Energy Technology Electric Vehicle Battery Product Portfolio
  - 13.12.3 SVOLT Energy Technology Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.13 Beijing WeLion New Energy Technology
  - 13.13.1 Beijing WeLion New Energy Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.13.2 Beijing WeLion New Energy Technology Electric Vehicle Battery Product Portfolio
  - 13.13.3 Beijing WeLion New Energy Technology Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.14 Jiangsu Zenergy Battery Technologies
  - 13.14.1 Jiangsu Zenergy Battery Technologies Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.14.2 Jiangsu Zenergy Battery Technologies Electric Vehicle Battery Product Portfolio
  - 13.14.3 Jiangsu Zenergy Battery Technologies Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.15 REPT BATTERO Energy
  - 13.15.1 REPT BATTERO Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.15.2 REPT BATTERO Energy Electric Vehicle Battery Product Portfolio
  - 13.15.3 REPT BATTERO Energy Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.16 Greater Bay Technology
  - 13.16.1 Greater Bay Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 13.16.2 Greater Bay Technology Electric Vehicle Battery Product Portfolio
  - 13.16.3 Greater Bay Technology Electric Vehicle Battery Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## **14 INDUSTRY CHAIN ANALYSIS**

- 14.1 Electric Vehicle Battery Industry Chain Analysis
- 14.2 Electric Vehicle Battery Industry Raw Material and Suppliers Analysis
  - 14.2.1 Electric Vehicle Battery Key Raw Material Supply Analysis
  - 14.2.2 Raw Material Suppliers and Contact Information
- 14.3 Electric Vehicle Battery Typical Downstream Customers
- 14.4 Electric Vehicle Battery Sales Channel Analysis

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 METHODOLOGY AND DATA SOURCE**

- 16.1 Methodology/Research Approach
- 16.2 Research Scope
- 16.3 Benchmarks and Assumptions
- 16.4 Data Source
  - 16.4.1 Primary Sources
  - 16.4.2 Secondary Sources
- 16.5 Data Cross Validation
- 16.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1: Global Electric Vehicle Battery Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Electric Vehicle Battery Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Electric Vehicle Battery Industry Development Status

Table 4: Electric Vehicle Battery Industry Development Trends

Table 5: Global Electric Vehicle Battery Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 6: Global Electric Vehicle Battery Revenue by Region (2020-2025) & (US\$ Million)

Table 7: Global Electric Vehicle Battery Revenue Market Share by Region (2020-2025)

Table 8: Global Electric Vehicle Battery Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 9: Global Electric Vehicle Battery Revenue Market Share Forecast by Region (2026-2032)

Table 10: Global Electric Vehicle Battery Sales by Region (2020-2025) & (GWh)

Table 11: Global Electric Vehicle Battery Sales Market Share by Region (2020-2025)

Table 12: Global Electric Vehicle Battery Sales Forecast by Region (2026-2032) & (GWh)

Table 13: Global Electric Vehicle Battery Sales Market Share Forecast by Region (2026-2032)

Table 14: Global Electric Vehicle Battery Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 15: Global Electric Vehicle Battery Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 16: Global Electric Vehicle Battery Sales Analysis by Type (2020-2025) & (GWh)

Table 17: Global Electric Vehicle Battery Sales Analysis Forecast by Type (2026-2032) & (GWh)

Table 18: Global Electric Vehicle Battery Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 19: Global Electric Vehicle Battery Revenue Analysis Forecast by Application (2026-2032) & (US\$ Million)

Table 20: Global Electric Vehicle Battery Sales Analysis by Application (2020-2025) & (GWh)

Table 21: Global Electric Vehicle Battery Sales Analysis Forecast by Application

(2026-2032) & (GWh)

Table 22: Key Electric Vehicle Battery Players in North America

Table 23: North America Electric Vehicle Battery Sales by Type (2020-2025) & (GWh)

Table 24: North America Electric Vehicle Battery Sales by Type (2026-2032) & (GWh)

Table 25: North America Electric Vehicle Battery Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Electric Vehicle Battery Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Electric Vehicle Battery Sales by Application (2020-2025) & (GWh)

Table 28: North America Electric Vehicle Battery Sales by Application (2026-2032) & (GWh)

Table 29: North America Electric Vehicle Battery Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Electric Vehicle Battery Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Electric Vehicle Battery Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Electric Vehicle Battery Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Electric Vehicle Battery Sales Market Size by Country (2020-2025) & (GWh)

Table 34: North America Electric Vehicle Battery Sales Market Size by Country (2026-2032) & (GWh)

Table 35: Key Electric Vehicle Battery Players in Europe

Table 36: Europe Electric Vehicle Battery Sales by Type (2020-2025) & (GWh)

Table 37: Europe Electric Vehicle Battery Sales by Type (2026-2032) & (GWh)

Table 38: Europe Electric Vehicle Battery Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Electric Vehicle Battery Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Electric Vehicle Battery Sales by Application (2020-2025) & (GWh)

Table 41: Europe Electric Vehicle Battery Sales by Application (2026-2032) & (GWh)

Table 42: Europe Electric Vehicle Battery Revenue by Application (2020-2025) & (US\$ Million)

Table 43: Europe Electric Vehicle Battery Revenue by Application (2026-2032) & (US\$ Million)

Table 44: Europe Electric Vehicle Battery Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Electric Vehicle Battery Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Electric Vehicle Battery Sales Market Size by Country (2020-2025) & (GWh)

Table 47: Europe Electric Vehicle Battery Sales Market Size Forecast by Country (2026-2032) & (GWh)

Table 48: Key Electric Vehicle Battery Players in China

Table 49: China Electric Vehicle Battery Sales by Type (2020-2025) & (GWh)

Table 50: China Electric Vehicle Battery Sales by Type (2026-2032) & (GWh)

Table 51: China Electric Vehicle Battery Revenue by Type (2020-2025) & (US\$ Million)

Table 52: China Electric Vehicle Battery Revenue by Type (2026-2032) & (US\$ Million)

Table 53: China Electric Vehicle Battery Sales by Application (2020-2025) & (GWh)

Table 54: China Electric Vehicle Battery Sales by Application (2026-2032) & (GWh)

Table 55: China Electric Vehicle Battery Revenue by Application (2020-2025) & (US\$ Million)

Table 56: China Electric Vehicle Battery Revenue by Application (2026-2032) & (US\$ Million)

Table 57: Key Electric Vehicle Battery Players in APAC (excl. China)

Table 58: APAC (excl. China) Electric Vehicle Battery Sales by Type (2020-2025) & (GWh)

Table 59: APAC (excl. China) Electric Vehicle Battery Sales by Type (2026-2032) & (GWh)

Table 60: APAC (excl. China) Electric Vehicle Battery Revenue by Type (2020-2025) & (US\$ Million)

Table 61: APAC (excl. China) Electric Vehicle Battery Revenue by Type (2026-2032) & (US\$ Million)

Table 62: APAC (excl. China) Electric Vehicle Battery Sales by Application (2020-2025) & (GWh)

Table 63: APAC (excl. China) Electric Vehicle Battery Sales by Application (2026-2032) & (GWh)

Table 64: APAC (excl. China) Electric Vehicle Battery Revenue by Application (2020-2025) & (US\$ Million)

Table 65: APAC (excl. China) Electric Vehicle Battery Revenue by Application (2026-2032) & (US\$ Million)

Table 66: APAC (excl. China) Electric Vehicle Battery Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 67: APAC (excl. China) Electric Vehicle Battery Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 68: APAC (excl. China) Electric Vehicle Battery Sales Market Size by Country

(2020-2025) & (GWh)

Table 69: APAC (excl. China) Electric Vehicle Battery Sales Market Size Forecast by Country (2026-2032) & (GWh)

Table 70: Key Electric Vehicle Battery Players in Latin America

Table 71: Latin America Electric Vehicle Battery Sales by Type (2020-2025) & (GWh)

Table 72: Latin America Electric Vehicle Battery Sales by Type (2026-2032) & (GWh)

Table 73: Latin America Electric Vehicle Battery Revenue by Type (2020-2025) & (US\$ Million)

Table 74: Latin America Electric Vehicle Battery Revenue by Type (2026-2032) & (US\$ Million)

Table 75: Latin America Electric Vehicle Battery Sales by Application (2020-2025) & (GWh)

Table 76: Latin America Electric Vehicle Battery Sales by Application (2026-2032) & (GWh)

Table 77: Latin America Electric Vehicle Battery Revenue by Application (2020-2025) & (US\$ Million)

Table 78: Latin America Electric Vehicle Battery Revenue by Application (2026-2032) & (US\$ Million)

Table 79: Latin America Electric Vehicle Battery Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 80: Latin America Electric Vehicle Battery Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 81: Latin America Electric Vehicle Battery Sales Market Size by Country (2020-2025) & (GWh)

Table 82: Latin America Electric Vehicle Battery Sales Market Size Forecast by Country (2026-2032) & (GWh)

Table 83: Key Electric Vehicle Battery Players in Middle East & Africa

Table 84: Middle East & Africa Electric Vehicle Battery Sales by Type (2020-2025) & (GWh)

Table 85: Middle East & Africa Electric Vehicle Battery Sales by Type (2026-2032) & (GWh)

Table 86: Middle East & Africa Electric Vehicle Battery Revenue by Type (2020-2025) & (US\$ Million)

Table 87: Middle East & Africa Electric Vehicle Battery Revenue by Type (2026-2032) & (US\$ Million)

Table 88: Middle East & Africa Electric Vehicle Battery Sales by Application (2020-2025) & (GWh)

Table 89: Middle East & Africa Electric Vehicle Battery Sales by Application (2026-2032) & (GWh)

- Table 90: Middle East & Africa Electric Vehicle Battery Revenue by Application (2020-2025) & (US\$ Million)
- Table 91: Middle East & Africa Electric Vehicle Battery Revenue by Application (2026-2032) & (US\$ Million)
- Table 92: Middle East & Africa Electric Vehicle Battery Revenue Market Size by Country (2020-2025) & (US\$ Million)
- Table 93: Middle East & Africa Electric Vehicle Battery Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)
- Table 94: Middle East & Africa Electric Vehicle Battery Sales Market Size by Country (2020-2025) & (GWh)
- Table 95: Middle East & Africa Electric Vehicle Battery Sales Market Size Forecast by Country (2026-2032) & (GWh)
- Table 96: Global Electric Vehicle Battery Market Sales by Key Manufacturers (2021-2025) & (GWh)
- Table 97: Global Electric Vehicle Battery Sales Market Share by Key Manufacturers (2021-2025)
- Table 98: Global Electric Vehicle Battery Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)
- Table 99: Global Electric Vehicle Battery Revenue Market Share by Key Manufacturers (2021-2025)
- Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/KWh)
- Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales
- Table 102: Market Mergers & Acquisitions, Expansion
- Table 103: CATL Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 104: CATL Electric Vehicle Battery Product Portfolio
- Table 105: CATL Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)
- Table 106: BYD Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 107: BYD Electric Vehicle Battery Product Portfolio
- Table 108: BYD Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)
- Table 109: LG New Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 110: LG New Energy Electric Vehicle Battery Product Portfolio
- Table 111: LG New Energy Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)
- Table 112: Panasonic Basic Company Profile (Employees, Areas Service, Competitors

and Contact Information)

Table 113: Panasonic Electric Vehicle Battery Product Portfolio

Table 114: Panasonic Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 115: SK On Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 116: SK On Electric Vehicle Battery Product Portfolio

Table 117: SK On Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 118: CALB Group Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 119: CALB Group Electric Vehicle Battery Product Portfolio

Table 120: CALB Group Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 121: Samsung SDI Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 122: Samsung SDI Electric Vehicle Battery Product Portfolio

Table 123: Samsung SDI Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 124: Gotion High-tech Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 125: Gotion High-tech Electric Vehicle Battery Product Portfolio

Table 126: Gotion High-tech Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 127: EVE Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 128: EVE Energy Electric Vehicle Battery Product Portfolio

Table 129: EVE Energy Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 130: Sunwoda Electronic Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 131: Sunwoda Electronic Electric Vehicle Battery Product Portfolio

Table 132: Sunwoda Electronic Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 133: Farasis Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 134: Farasis Energy Electric Vehicle Battery Product Portfolio

Table 135: Farasis Energy Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 136: SVOLT Energy Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 137: SVOLT Energy Technology Electric Vehicle Battery Product Portfolio

Table 138: SVOLT Energy Technology Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 139: Beijing WeLion New Energy Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 140: Beijing WeLion New Energy Technology Electric Vehicle Battery Product Portfolio

Table 141: Beijing WeLion New Energy Technology Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 142: Jiangsu Zenergy Battery Technologies Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 143: Jiangsu Zenergy Battery Technologies Electric Vehicle Battery Product Portfolio

Table 144: Jiangsu Zenergy Battery Technologies Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 145: REPT BATTERO Energy Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 146: REPT BATTERO Energy Electric Vehicle Battery Product Portfolio

Table 147: REPT BATTERO Energy Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 148: Greater Bay Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 149: Greater Bay Technology Electric Vehicle Battery Product Portfolio

Table 150: Greater Bay Technology Electric Vehicle Battery Revenue (US\$ Million), Sales (GWh), Price (USD/KWh), Gross Margin and Market Share (2021-2025)

Table 151: Upstream Key Raw Material Price List

Table 152: Electric Vehicle Battery Raw Material Suppliers and Contact Information

Table 153: Electric Vehicle Battery Typical Customer List

Table 154: Electric Vehicle Battery Distributors List

## List Of Figures

### LIST OF FIGURES

Figure 1: Electric Vehicle Battery Product Pictures

Figure 2: EDXRF (Energy-Dispersive X-ray Fluorescence) micro-XRF Picture Scope

Figure 3: WDXRF (Wavelength-Dispersive X-ray Fluorescence) micro-XRF Picture Scope

Figure 4: Hybrid Electric Vehicle Picture Scope

Figure 5: Battery Electric Vehicle Picture Scope

Figure 6: Global Electric Vehicle Battery Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 7: Global Electric Vehicle Battery Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 8: Global Electric Vehicle Battery Market Sales and Growth Rate Analysis (2020-2032) & (GWh)

Figure 9: Global Electric Vehicle Battery Market Price Trend Analysis (2020-2032) & (USD/KWh)

Figure 10: Global Electric Vehicle Battery Market Size by Region (2020-2032) & (US\$ Million)

Figure 11: Global Electric Vehicle Battery Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 12: Global Electric Vehicle Battery Sales Price by Region (2020-2032) & (GWh)

Figure 13: North America Electric Vehicle Battery Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 14: North America Electric Vehicle Battery Revenue Market Share by Players in 2024

Figure 15: North America Electric Vehicle Battery Sales Market Share by Type (2020-2032)

Figure 16: North America Electric Vehicle Battery Revenue Market Share by Type (2020-2032)

Figure 17: North America Electric Vehicle Battery Sales Market Share by Application (2020-2032)

Figure 18: North America Electric Vehicle Battery Revenue Market Share by Application (2020-2032)

Figure 19: US Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 20: Canada Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 21: Europe Electric Vehicle Battery Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 22:Europe Electric Vehicle Battery Revenue Market Share by Players in 2024

Figure 23:Europe Electric Vehicle Battery Sales Market Share by Type (2020-2032)

Figure 24:Europe Electric Vehicle Battery Revenue Market Share by Type (2020-2032)

Figure 25:Europe Electric Vehicle Battery Sales Market Share by Application (2020-2032)

Figure 26:Europe Electric Vehicle Battery Revenue Market Share by Application (2020-2032)

Figure 27:Germany Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 28:France Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 29:United Kingdom Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 30:Italy Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 31:Spain Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 32:Benelux Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 33:China Electric Vehicle Battery Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 34:China Electric Vehicle Battery Revenue Market Share by Players in 2024

Figure 35:China Electric Vehicle Battery Sales Market Share by Type (2020-2032)

Figure 36:China Electric Vehicle Battery Revenue Market Share by Type (2020-2032)

Figure 37:China Electric Vehicle Battery Sales Market Share by Application (2020-2032)

Figure 38:China Electric Vehicle Battery Revenue Market Share by Application (2020-2032)

Figure 39:APAC (excl. China) Electric Vehicle Battery Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 40:APAC (excl. China) Electric Vehicle Battery Revenue Market Share by Players in 2024

Figure 41:APAC (excl. China) Electric Vehicle Battery Sales Market Share by Type (2020-2032)

Figure 42:APAC (excl. China) Electric Vehicle Battery Revenue Market Share by Type (2020-2032)

Figure 43:APAC (excl. China) Electric Vehicle Battery Sales Market Share by Application (2020-2032)

Figure 44:APAC (excl. China) Electric Vehicle Battery Revenue Market Share by Application (2020-2032)

Figure 45:Japan Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 46:South Korea Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 47:India Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 48:Australia Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 49:Southeast Asia Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 50:Latin America Electric Vehicle Battery Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 51:Latin America Electric Vehicle Battery Revenue Market Share by Players in 2024

Figure 52:Latin America Electric Vehicle Battery Sales Market Share by Type (2020-2032)

Figure 53:Latin America Electric Vehicle Battery Revenue Market Share by Type (2020-2032)

Figure 54:Latin America Electric Vehicle Battery Sales Market Share by Application (2020-2032)

Figure 55:Latin America Electric Vehicle Battery Revenue Market Share by Application (2020-2032)

Figure 56:Mexico Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 57:Brazil Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 58:Middle East & Africa Electric Vehicle Battery Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 59:Middle East & Africa Electric Vehicle Battery Revenue Market Share by Players in 2024

Figure 60:Middle East & Africa Electric Vehicle Battery Sales Market Share by Type (2020-2032)

Figure 61:Middle East & Africa Electric Vehicle Battery Revenue Market Share by Type (2020-2032)

Figure 62:Middle East & Africa Electric Vehicle Battery Sales Market Share by Application (2020-2032)

Figure 63:Middle East & Africa Electric Vehicle Battery Revenue Market Share by Application (2020-2032)

Figure 64:Saudi Arabia Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 65:South Africa Electric Vehicle Battery Revenue (2020-2032) & (US\$ Million)

Figure 66:Global Electric Vehicle Battery Sales Market Share by Key Manufacturers in 2024

Figure 67:Global Electric Vehicle Battery Revenue Market Share by Key Manufacturers in 2024

Figure 68:Global Electric Vehicle Battery Industry Competition Landscape

Figure 69:Electric Vehicle Battery Industry Chain Analysis

Figure 70:Bottom-Up and Top-Down Research Methods

Figure 71:Key Interview Objectives

Figure 72:Data Cross Validation

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