

EV Battery - Company Evaluation Report, 2024

<https://marketpublishers.com/r/E30A34ADE9FBEN.html>

Date: July 2025

Pages: 178

Price: US\$ 2,650.00 (Single User License)

ID: E30A34ADE9FBEN

Abstracts

The EV Battery Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for EV Battery. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 13 EV Battery Companies were categorized and recognized as the quadrant leaders.

An electric vehicle (EV) battery is a rechargeable power source used in battery electric vehicles (BEVs), plug-in hybrid electric vehicles (PHEVs), and hybrid electric vehicles (HEVs). It consists of numerous small cells connected in series or parallel to provide the required voltage and capacity. The increasing sales of EVs are a key factor propelling the growth of the EV battery market. This trend is supported by favorable government incentives, technological advancements, and rising consumer interest in sustainable transportation alternatives. Various governments offer financial incentives such as tax reductions, purchase rebates, and lower registration fees to promote EV adoption. Simultaneously, innovations in battery technology are enhancing the practicality and performance of EVs for everyday use. Leading markets such as China, the United States, and Germany are making substantial investments in expanding charging infrastructure and advancing EV-related research and development.

The 360 Quadrant maps the EV Battery companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the EV Battery quadrant. The top criteria for product footprint evaluation included By Battery Type (Lithium-Ion, Nickel-Metal Hybride, Solid-State and other battery types), By Material Type (Cobalt, Lithium, Natural Graphite, Manganese, Iron, Phosphate, Nickel and other material types), By Battery Form (Prismatic, Pouch and Cylindrical), By Propulsion (BEV, PHEV, FCEV and HEV), By Battery Type (Passenger Car, VAN/Light Truck, Medium and Heavy Truck, Bus and Off-Highway

Vehicles), By Battery Capacity, By Method (Wire Bonding, Laser Bonding and Ultrasonic Metal Welding and By Lithium-Ion Battery Component (Positive Electron, Negative Electron, Electrolyte and Separator)

Key Market Players

Key players in the Digital Signature market include major global corporations and specialized innovators such as CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED, BYD COMPANY LTD., LG ENERGY SOLUTION, CALB, SK INNOVATION CO. LTD., PANASONIC HOLDINGS CORPORATION, SAMSUNG SDI, GOTION, SUNWODA ELECTRONIC CO., LTD., FARASIS ENERGY (GANZHOU) CO., LTD., TOSHIBA CORPORATION, MITSUBISHI CORPORATION, and ENERSYS. These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

Contemporary Amperex Technology Co., Limited (CATL)

Headquartered in China, CATL commands a leading market share of over 35%. The company has evolved from a domestic supplier to a global powerhouse, forming partnerships with major automakers such as Tesla, Toyota, and Ford. Its diverse product range includes lithium-ion and polymer batteries, among others. Strategic investments in research and development have been crucial to CATL's advancement, keeping its technology at the cutting edge. Today, CATL batteries power approximately one in every three electric vehicles worldwide.

BYD Company Ltd.

BYD is well-regarded for its breakthrough blade battery technology and its integrated approach to EV and battery manufacturing, securing a 16–18% market share. The company has successfully extended its reach beyond China, capitalizing on its vertically integrated operations to deliver cost-efficient, customized battery solutions. With continuous innovation and upcoming next-generation battery launches, BYD strengthens its position as a top-tier EV battery supplier.

LG Energy Solution

LG Energy Solution, based in South Korea, is a major force in lithium-ion battery innovation, backed by an extensive patent portfolio and a wide-ranging product offering. As one of the pioneers in commercializing NMC batteries, LG has played a key role in the widespread adoption of lithium-ion technology. It supplies batteries to leading global automakers and is actively investing in solid-state battery technology to reinforce its competitive position in the evolving energy landscape.

Contents

1 INTRODUCTION

- 1.1 MARKET DEFINITION
- 1.2 INCLUSIONS & EXCLUSIONS
- 1.3 STAKEHOLDERS

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW

- 3.1 INTRODUCTION
- 3.2 MARKET DYNAMICS
 - 3.2.1 DRIVERS
 - 3.2.1.1 Rise in government incentives and OEM investments
 - 3.2.1.2 Advancements in battery technologies
 - 3.2.1.3 Government strategies to promote adoption of EVs
 - 3.2.1.4 Declining prices of EV batteries
 - 3.2.2 RESTRAINTS
 - 3.2.2.1 Geopolitical instability and supply chain disruptions
 - 3.2.2.2 Shortage of charging infrastructure in emerging economies
 - 3.2.2.3 Emergence of alternative fuel options
 - 3.2.3 OPPORTUNITIES
 - 3.2.3.1 Growth of BaaS in EV battery market's boom
 - 3.2.3.2 Development of innovative solid-state batteries
 - 3.2.3.3 Advancements in ESSs
 - 3.2.4 CHALLENGES
 - 3.2.4.1 High initial cost
 - 3.2.4.2 Shortage of lithium
 - 3.2.4.3 Safety concerns
 - 3.2.4.4 Cost disparity between electric and conventional vehicles
- 3.3 TRENDS & DISRUPTIONS IMPACTING CUSTOMER BUSINESS
- 3.4 RAPID DEVELOPMENT OF NEVS TO DRIVE GROWTH OF EV BATTERY MARKET
- 3.5 ECOSYSTEM ANALYSIS
- 3.6 VALUE CHAIN ANALYSIS
- 3.7 PATENT ANALYSIS
- 3.8 TECHNOLOGY ANALYSIS

3.8.1 KEY TECHNOLOGIES

3.8.1.1 Lithium-ion and other battery chemistries

3.8.2 COMPLEMENTARY TECHNOLOGIES

3.8.2.1 Cell-to-pack (CTP) technology

3.8.3 ADJACENT TECHNOLOGIES

3.8.3.1 Cell-to-chassis battery technology

3.9 REGULATORY LANDSCAPE

3.9.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

3.9.2 REGULATIONS/VOLUNTARY PROCEDURES FOR EV BATTERIES

3.10 KEY CONFERENCES & EVENTS, 2025–2026

3.11 OEM ANALYSIS

3.11.1 INITIATIVES UNDERTAKEN AND INVESTMENTS IN LITHIUM BY BATTERY MANUFACTURERS/OEMS

3.11.1.1 Lithium-ion battery cells (cathode type): OEMs and key suppliers

3.12 SUPPLIER ANALYSIS

4 COMPETITIVE LANDSCAPE

4.1 INTRODUCTION

4.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2022–2024

4.3 REVENUE ANALYSIS

4.4 MARKET SHARE ANALYSIS, 2024

4.5 EV BATTERY MARKET SHARE TREND ANALYSIS

4.6 COMPANY VALUATION AND FINANCIAL METRICS

4.7 BRAND/PRODUCT COMPARISON

4.8 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024

4.8.1 STARS

4.8.2 EMERGING LEADERS

4.8.3 PERVASIVE PLAYERS

4.8.4 PARTICIPANTS

4.8.5 COMPANY FOOTPRINT

4.8.5.1 Company footprint

4.8.5.2 Region footprint

4.8.5.3 Battery form footprint

4.8.5.4 Battery type footprint

4.8.5.5 Propulsion footprint

4.9 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024

4.9.1 PROGRESSIVE COMPANIES

- 4.9.2 RESPONSIVE COMPANIES
- 4.9.3 DYNAMIC COMPANIES
- 4.9.4 STARTING BLOCKS
- 4.9.5 COMPETITIVE BENCHMARKING
 - 4.9.5.1 List of startups/SMEs
 - 4.9.5.2 Competitive benchmarking of startups/SMEs
- 4.10 COMPETITIVE SCENARIO
 - 4.10.1 PRODUCT LAUNCHES/DEVELOPMENTS
 - 4.10.2 DEALS
 - 4.10.3 EXPANSION
 - 4.10.4 OTHER DEVELOPMENTS

5 COMPANY PROFILES

5.1 KEY PLAYERS

5.1.1 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED

- 5.1.1.1 Business overview
- 5.1.1.2 Products offered
- 5.1.1.3 Recent developments
 - 5.1.1.3.1 Product launches/developments
 - 5.1.1.3.2 Deals
 - 5.1.1.3.3 Other developments
- 5.1.1.4 MnM view
 - 5.1.1.4.1 Key strengths
 - 5.1.1.4.2 Strategic choices
 - 5.1.1.4.3 Weaknesses and competitive threats

5.1.2 BYD COMPANY LTD.

- 5.1.2.1 Business overview
- 5.1.2.2 Products offered
- 5.1.2.3 Recent developments
 - 5.1.2.3.1 Product launches/developments
 - 5.1.2.3.2 Deals
 - 5.1.2.3.3 Expansion
 - 5.1.2.3.4 Other developments
- 5.1.2.4 MnM view
 - 5.1.2.4.1 Key strengths
 - 5.1.2.4.2 Strategic choices
 - 5.1.2.4.3 Weaknesses and competitive threats

5.1.3 LG ENERGY SOLUTION

- 5.1.3.1 Business overview
- 5.1.3.2 Products offered
- 5.1.3.3 Recent developments
 - 5.1.3.3.1 Deals
 - 5.1.3.3.2 Expansion
 - 5.1.3.3.3 Other developments
- 5.1.3.4 MnM view
 - 5.1.3.4.1 Key strengths
 - 5.1.3.4.2 Strategic choices
 - 5.1.3.4.3 Weaknesses and competitive threats
- 5.1.4 CALB
 - 5.1.4.1 Business overview
 - 5.1.4.2 Products offered
 - 5.1.4.3 Recent developments
 - 5.1.4.3.1 Product launches/developments
 - 5.1.4.3.2 Deals
 - 5.1.4.3.3 Other developments
 - 5.1.4.4 MnM view
 - 5.1.4.4.1 Key strengths
 - 5.1.4.4.2 Strategic choices
 - 5.1.4.4.3 Weaknesses and competitive threats
- 5.1.5 SK INNOVATION CO. LTD.
 - 5.1.5.1 Business overview
 - 5.1.5.2 Products offered
 - 5.1.5.3 Recent developments
 - 5.1.5.3.1 Product launches/developments
 - 5.1.5.3.2 Deals
 - 5.1.5.3.3 Other developments
 - 5.1.5.4 MnM view
 - 5.1.5.4.1 Key strengths
 - 5.1.5.4.2 Strategic choices
 - 5.1.5.4.3 Weaknesses and competitive threats
- 5.1.6 PANASONIC HOLDINGS CORPORATION
 - 5.1.6.1 Business overview
 - 5.1.6.2 Products offered
 - 5.1.6.3 Recent developments
 - 5.1.6.3.1 Product launches/developments
 - 5.1.6.3.2 Deals
 - 5.1.6.3.3 Expansion

- 5.1.6.3.4 Other developments
- 5.1.7 SAMSUNG SDI
 - 5.1.7.1 Business overview
 - 5.1.7.2 Products offered
 - 5.1.7.3 Recent developments
 - 5.1.7.3.1 Product launches/developments
 - 5.1.7.3.2 Deals
 - 5.1.7.3.3 Expansion
 - 5.1.7.3.4 Other developments
- 5.1.8 GOTION
 - 5.1.8.1 Business overview
 - 5.1.8.2 Products offered
 - 5.1.8.3 Recent developments
 - 5.1.8.3.1 Product launches/developments
 - 5.1.8.3.2 Deals
 - 5.1.8.3.3 Expansion
- 5.1.9 SUNWODA ELECTRONIC CO., LTD.
 - 5.1.9.1 Business overview
 - 5.1.9.2 Products/Solutions offered
 - 5.1.9.2.1 Deals
 - 5.1.9.2.2 Expansion
 - 5.1.9.2.3 Other developments
- 5.1.10 FARASIS ENERGY (GANZHOU) CO., LTD.
 - 5.1.10.1 Business overview
 - 5.1.10.2 Products offered
 - 5.1.10.3 Recent developments
 - 5.1.10.3.1 Product launches/developments
 - 5.1.10.3.2 Deals
 - 5.1.10.3.3 Expansion
- 5.1.11 TOSHIBA CORPORATION
 - 5.1.11.1 Business overview
 - 5.1.11.2 Products offered
 - 5.1.11.3 Recent developments
 - 5.1.11.3.1 Product launches/developments
 - 5.1.11.3.2 Deals
- 5.1.12 MITSUBISHI CORPORATION
 - 5.1.12.1 Business overview
 - 5.1.12.2 Products offered
 - 5.1.12.3 Recent developments

5.1.12.3.1 Product launches/developments

5.1.12.3.2 Deals

5.1.12.3.3 Expansion

5.1.12.3.4 Other developments

5.1.13 ENERSYS

5.1.13.1 Business overview

5.1.13.2 Products offered

5.1.13.3 Recent developments

5.1.13.3.1 Deals

5.1.13.3.2 Expansion

5.1.13.3.3 Other developments

5.2 OTHER PLAYERS

5.2.1 EXIDE INDUSTRIES LIMITED

5.2.2 E-ONE MOLI ENERGY CORP.

5.2.3 TARGRAY TECHNOLOGY INTERNATIONAL INC.

5.2.4 ALTAIR NANOTECHNOLOGIES INC.

5.2.5 CLARIOS

5.2.6 NORTHVOLT AB

5.2.7 LECLANCH? SA

5.2.8 ENVISION GROUP

5.2.9 A123 SYSTEMS (SUBSIDIARY OF WANXIANG GROUP)

5.2.10 GS YUASA INTERNATIONAL LTD.

5.2.11 AUTOMOTIVE ENERGY SUPPLY CORPORATION

5.2.12 REPT BATTERO ENERGY CO LTD.

5.2.13 AUTOMOTIVE CELLS COMPANY

5.2.14 BLUEOVAL SK

5.2.15 CELLFORCE GROUP GMBH

5.2.16 ULTIUM CELLS

5.2.17 ONE BATTERY

5.2.18 SILA NANOTECHNOLOGIES INC.

5.2.19 MORROW BATTERIES

6 APPENDIX

6.1 RESEARCH METHODOLOGY

6.1.1 RESEARCH DATA

6.1.1.1 Secondary data

6.1.1.2 Primary data

6.1.2 RESEARCH ASSUMPTIONS & CONSIDERATIONS

6.1.3 RESEARCH LIMITATIONS

6.1.4 RISK ASSESSMENT

6.2 COMPANY EVALUATION MATRIX: METHODOLOGY

6.3 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 ADVANCEMENTS IN BATTERY TECHNOLOGIES, 2023–2024

TABLE 2 REGULATIONS AND POLICIES FOR EVS, BY KEY COUNTRY

TABLE 3 CHARGING TIME OF EVS OPERATING IN US, BY CHARGER TYPE

TABLE 4 TOTAL EV CHARGING POINTS IN EMERGING COUNTRIES, 2024

TABLE 5 IMPACT OF MARKET DYNAMICS ON EV BATTERY MARKET

TABLE 6 ROLE OF PLAYERS IN ECOSYSTEM

TABLE 7 PATENTS GRANTED, 2022–2024

TABLE 8 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 11 REGULATORY CHANGES, BY COUNTRY/REGION

TABLE 12 REGULATIONS/VOLUNTARY PROCEDURES FOR PERFORMANCE MEASUREMENT OF EV BATTERIES, BY KEY COUNTRY/REGION

TABLE 13 REGULATIONS/VOLUNTARY PROCEDURES FOR DURABILITY MEASUREMENT OF EV BATTERIES, BY KEY COUNTRY/REGION

TABLE 14 REGULATIONS/VOLUNTARY PROCEDURES TO ENSURE SAFETY OF EV BATTERIES, BY COUNTRY

TABLE 15 REGULATIONS/VOLUNTARY PROCEDURES FOR RECYCLING EV BATTERIES, BY KEY COUNTRY/REGION

TABLE 16 KEY CONFERENCES & EVENTS, 2025–2026

TABLE 17 LITHIUM-ION BATTERY CELLS (CATHODE TYPE): OEMS AND KEY SUPPLIERS

TABLE 18 EV BATTERY SUPPLIERS, 2024–2026

TABLE 19 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2022–2024

TABLE 20 EV BATTERY MARKET SHARE ANALYSIS, 2024

TABLE 21 EV BATTERY MARKET SHARE TREND ANALYSIS, 2022–2024

TABLE 22 EV BATTERY MARKET: REGION FOOTPRINT

TABLE 23 EV BATTERY MARKET: BATTERY FORM FOOTPRINT

TABLE 24 EV BATTERY MARKET: BATTERY TYPE FOOTPRINT

TABLE 25 EV BATTERY MARKET: PROPULSION FOOTPRINT

TABLE 26 EV BATTERY MARKET: LIST OF STARTUPS/SMES

TABLE 27 EV BATTERY MARKET: COMPETITIVE BENCHMARKING OF

STARTUPS/SMES (1/2)

TABLE 28 EV BATTERY MARKET: COMPETITIVE BENCHMARKING OF
STARTUPS/SMES (2/2)

TABLE 29 EV BATTERY MARKET: PRODUCT LAUNCHES/DEVELOPMENTS,
MARCH 2020–DECEMBER 2024

TABLE 30 EV BATTERY MARKET: DEALS, MARCH 2020–DECEMBER 2024

TABLE 31 EV BATTERY MARKET: EXPANSION, MARCH 2020–DECEMBER 2024

TABLE 32 EV BATTERY MARKET: OTHER DEVELOPMENTS, MARCH
2020–DECEMBER 2024

TABLE 33 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED: COMPANY
OVERVIEW

TABLE 34 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED: PRODUCTS
OFFERED

TABLE 35 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED: PRODUCT
LAUNCHES/DEVELOPMENTS

TABLE 36 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED: DEALS

TABLE 37 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED: OTHER
DEVELOPMENTS

TABLE 38 BYD COMPANY LTD.: COMPANY OVERVIEW

TABLE 39 BYD COMPANY LTD.: PRODUCTS OFFERED

TABLE 40 BYD COMPANY LTD.: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 41 BYD COMPANY LTD.: DEALS

TABLE 42 BYD COMPANY LTD.: EXPANSION

TABLE 43 BYD COMPANY LTD.: OTHER DEVELOPMENTS

TABLE 44 LG ENERGY SOLUTION: COMPANY OVERVIEW

TABLE 45 LG ENERGY SOLUTION: R&D OVERVIEW

TABLE 46 LG ENERGY SOLUTION: PRODUCTS OFFERED

TABLE 47 LG ENERGY SOLUTION: DEALS

TABLE 48 LG ENERGY SOLUTION: EXPANSION

TABLE 49 LG ENERGY SOLUTION: OTHER DEVELOPMENTS

TABLE 50 CALB: COMPANY OVERVIEW

TABLE 51 CALB: PRODUCTS OFFERED

TABLE 52 CALB: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 53 CALB: DEALS

TABLE 54 CALB: OTHER DEVELOPMENTS

TABLE 55 SK INNOVATION CO. LTD.: COMPANY OVERVIEW

TABLE 56 SK INNOVATION CO. LTD.: PRODUCTS OFFERED

TABLE 57 SK INNOVATION CO. LTD.: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 58 SK INNOVATION CO. LTD.: DEALS

TABLE 59 SK INNOVATION CO. LTD.: OTHER DEVELOPMENTS

TABLE 60 PANASONIC HOLDINGS CORPORATION: COMPANY OVERVIEW

TABLE 61 PANASONIC HOLDINGS CORPORATION: PRODUCTS OFFERED

TABLE 62 PANASONIC HOLDINGS CORPORATION: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 63 PANASONIC HOLDINGS CORPORATION: DEALS

TABLE 64 PANASONIC HOLDINGS CORPORATION: EXPANSION

TABLE 65 PANASONIC HOLDINGS CORPORATION: OTHER DEVELOPMENTS

TABLE 66 SAMSUNG SDI: COMPANY OVERVIEW

TABLE 67 SAMSUNG SDI: PRODUCTS OFFERED

TABLE 68 SAMSUNG SDI: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 69 SAMSUNG SDI: DEALS

TABLE 70 SAMSUNG SDI: EXPANSION

TABLE 71 SAMSUNG SDI: OTHER DEVELOPMENTS

TABLE 72 GOTION: COMPANY OVERVIEW

TABLE 73 GOTION: PRODUCTS OFFERED

TABLE 74 GOTION: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 75 GOTION: DEALS

TABLE 76 GOTION: EXPANSION

TABLE 77 SUNWODA ELECTRONIC CO., LTD.: COMPANY OVERVIEW

TABLE 78 SUNWODA ELECTRONIC CO., LTD.: PRODUCTS OFFERED

TABLE 79 SUNWODA ELECTRONIC CO., LTD.: DEALS

TABLE 80 SUNWODA ELECTRONIC CO., LTD.: EXPANSION

TABLE 81 SUNWODA ELECTRONIC CO., LTD.: OTHER DEVELOPMENTS

TABLE 82 FARASIS ENERGY (GANZHOU) CO., LTD.: COMPANY OVERVIEW

TABLE 83 FARASIS ENERGY (GANZHOU) CO., LTD.: PRODUCTS OFFERED

TABLE 84 FARASIS ENERGY (GANZHOU) CO., LTD.: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 85 FARASIS ENERGY (GANZHOU) CO., LTD.: DEALS

TABLE 86 FARASIS ENERGY (GANZHOU) CO., LTD.: EXPANSION

TABLE 87 TOSHIBA CORPORATION: COMPANY OVERVIEW

TABLE 88 TOSHIBA CORPORATION: PRODUCTS OFFERED

TABLE 89 TOSHIBA CORPORATION: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 90 TOSHIBA CORPORATION: DEALS

TABLE 91 MITSUBISHI CORPORATION: COMPANY OVERVIEW

TABLE 92 MITSUBISHI CORPORATION: PRODUCTS OFFERED

TABLE 93 MITSUBISHI CORPORATION: PRODUCT LAUNCHES/DEVELOPMENTS

TABLE 94 MITSUBISHI CORPORATION: DEALS

TABLE 95 MITSUBISHI CORPORATION: EXPANSION

TABLE 96 MITSUBISHI CORPORATION: OTHER DEVELOPMENTS

TABLE 97 ENERSYS: COMPANY OVERVIEW

TABLE 98 ENERSYS: PRODUCTS OFFERED

TABLE 99 ENERSYS: DEALS

TABLE 100 ENERSYS: EXPANSION

TABLE 101 ENERSYS: OTHER DEVELOPMENTS

TABLE 102 EXIDE INDUSTRIES LIMITED: COMPANY OVERVIEW

TABLE 103 E-ONE MOLI ENERGY CORP: COMPANY OVERVIEW

TABLE 104 TARGRAY TECHNOLOGY INTERNATIONAL INC.: COMPANY OVERVIEW

TABLE 105 ALTAIR NANOTECHNOLOGIES INC.: COMPANY OVERVIEW

TABLE 106 CLARIOS: COMPANY OVERVIEW

TABLE 107 NORTHVOLT AB: COMPANY OVERVIEW

TABLE 108 LECLANCH? SA: COMPANY OVERVIEW

TABLE 109 ENVISION GROUP: COMPANY OVERVIEW

TABLE 110 A123 SYSTEMS: COMPANY OVERVIEW

TABLE 111 GS YUASA INTERNATIONAL LTD.: COMPANY OVERVIEW

TABLE 112 AUTOMOTIVE ENERGY SUPPLY CORPORATION: COMPANY OVERVIEW

TABLE 113 REPT BATTERO ENERGY CO LTD.: COMPANY OVERVIEW

TABLE 114 AUTOMOTIVE CELLS COMPANY: COMPANY OVERVIEW

TABLE 115 BLUEOVAL SK: COMPANY OVERVIEW

TABLE 116 CELLFORCE GROUP GMBH: COMPANY OVERVIEW

TABLE 117 ULTIUM CELLS: COMPANY OVERVIEW

TABLE 118 ONE BATTERY: COMPANY OVERVIEW

TABLE 119 SILA NANOTECHNOLOGIES INC.: COMPANY OVERVIEW

TABLE 120 MORROW BATTERIES: COMPANY OVERVIEW

LIST OF TABLES

FIGURE 1 EV BATTERY MARKET OVERVIEW

FIGURE 2 ASIA PACIFIC TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 3 LITHIUM-ION SEGMENT TO LEAD MARKET DURING FORECAST PERIOD

FIGURE 4 EV BATTERY MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

FIGURE 5 EV SALES, BY KEY COUNTRY, 2021–2023 (USD MILLION)

FIGURE 6 PRICE TREND OF EV BATTERIES, 2020–2030 (USD/KWH)

FIGURE 7 CHINA'S CONTRIBUTION IN PRODUCTION AND PROCESSING OF

CRITICAL MINERALS, 2023

FIGURE 8 GLOBAL COBALT RESERVES, 2024

FIGURE 9 GLOBAL LITHIUM RESERVES, 2024

FIGURE 10 BATTERY AS A SERVICE (BAAS) BUSINESS MODEL

FIGURE 11 ADVANTAGES OF SOLID-STATE BATTERIES

FIGURE 12 SPARKION'S ENERGY STORAGE SYSTEM (ESS) WORKFLOW

FIGURE 13 LITHIUM-ION: DEMAND AND SUPPLY ANALYSIS, 2022–2030
(KILOTONS)

FIGURE 14 PRICE AND RANGE COMPARISON BETWEEN BMW I5 (EV) AND BMW
5 SERIES (ICE)

FIGURE 15 TRENDS & DISRUPTIONS IMPACTING CUSTOMER BUSINESS

FIGURE 16 ECOSYSTEM ANALYSIS

FIGURE 17 EV BATTERY MARKET: VALUE CHAIN ANALYSIS

FIGURE 18 PATENT ANALYSIS, 2015–2024

FIGURE 19 CATL'S THIRD-GENERATION CTP TECHNOLOGY

FIGURE 20 ILLUSTRATION OF CELL-TO-CHASSIS APPROACH BY RWTH AACHEN
UNIVERSITY

FIGURE 21 INVESTMENT ANNOUNCEMENTS BY BATTERY
MANUFACTURERS/OEMS

FIGURE 22 REVENUE ANALYSIS, 2019–2023 (USD BILLION)

FIGURE 23 EV BATTERY MARKET SHARE ANALYSIS, 2024

FIGURE 24 COMPANY VALUATION OF KEY PLAYERS

FIGURE 25 FINANCIAL METRICS OF KEY PLAYERS

FIGURE 26 BRAND/PRODUCT COMPARISON

FIGURE 27 EV BATTERY MARKET: COMPANY EVALUATION MATRIX (KEY
PLAYERS), 2024

FIGURE 28 EV BATTERY MARKET: COMPANY FOOTPRINT

FIGURE 29 EV BATTERY MARKET: COMPANY EVALUATION MATRIX
(STARTUPS/SMES), 2024

FIGURE 30 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED: COMPANY
SNAPSHOT

FIGURE 31 BYD COMPANY LTD.: COMPANY SNAPSHOT

FIGURE 32 LG ENERGY SOLUTION: COMPANY SNAPSHOT

FIGURE 33 CALB: COMPANY SNAPSHOT

FIGURE 34 SK INNOVATION CO. LTD.: COMPANY SNAPSHOT

FIGURE 35 PANASONIC HOLDINGS CORPORATION: COMPANY SNAPSHOT

FIGURE 36 SAMSUNG SDI: COMPANY SNAPSHOT

FIGURE 37 GOTION: COMPANY SNAPSHOT

FIGURE 38 SUNWODA ELECTRONIC CO., LTD.: COMPANY SNAPSHOT

FIGURE 39 FARASIS ENERGY (GANZHOU) CO., LTD.: COMPANY SNAPSHOT

FIGURE 40 TOSHIBA CORPORATION: COMPANY SNAPSHOT

FIGURE 41 MITSUBISHI CORPORATION: COMPANY SNAPSHOT

FIGURE 42 ENERSYS: COMPANY SNAPSHOT

FIGURE 43 RESEARCH DESIGN

I would like to order

Product name: EV Battery - Company Evaluation Report, 2024

Product link: <https://marketpublishers.com/r/E30A34ADE9FBEN.html>

Price: US\$ 2,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E30A34ADE9FBEN.html>