

Global Battery Electrolyte Additives Market

<https://marketpublishers.com/r/G0172CC7F19CEN.html>

Date: August 2026

Pages: 129

Price: US\$ 4,650.00 (Single User License)

ID: G0172CC7F19CEN

Abstracts

The global market for battery electrolyte additives is expected to grow from \$3.7 billion in 2026 and is projected to reach \$6.7 billion by the end of 2031, at a compound annual growth rate (CAGR) of 12.7% during the forecast period of 2026 to 2031.

Report Scope

The report will include details about various additive types, product types, battery types, and end users of battery electrolyte additives. Estimated values are based on manufacturers' total revenues. Projected revenue values are in constant U.S. dollars, unadjusted for inflation. The report also contains comprehensive information regarding battery electrolyte additives and their users.

The global battery electrolyte additives market is segmented into the following categories:

By additive type (vinylene carbonate, fluoroethylene carbonate, 1,3-propane sultone, lithium bis (fluorosulfonyl) imide (LiFSA), and others).

By product type (liquid electrolyte additives, solid electrolyte additives, and gel electrolyte additives).

By battery type (lithium-ion batteries (LIB), lead-acid batteries, nickel-based batteries, and others).

By end users (automotive, energy storage systems (ESS), consumer electronics, industrial, and others).

Report Includes

136 data tables and 36 additional tables

An overview of the global market for battery electrolyte additives

Analyses of global market trends, with market revenue data for 2025 as the base year, estimates for 2026, forecasts for 2030 and projection of CAGR through 2031 (in \$ millions)

Estimates of market size and revenue forecasts for the battery electrolyte additives market, along with an analysis of market trends and growth drivers

Analysis of the battery electrolyte additives market by additive type, product type, battery type and end users

Evaluation of additive such as vinylene carbonate (VC), fluoroethylene carbonate (FEC), 1,3-propane sultone and lithium bis (fluorosulfonyl) amide (LiFSA)

Discussion of significant market drivers, restraints, challenges and opportunities affecting the battery electrolyte additives market

Geographic analysis covering North America, Europe, Asia-Pacific, South America, the Middle East and Africa

Assessment of the competitive landscape, including market share and ranking of key players and strategic analysis of the industry

Profiles of leading companies in the market, including Guangzhou Tinci Materials Technology Co. Ltd., CAPCHEM, Zhejiang Yongtai Technology Co. Ltd., LG Energy Solution, and Solvay

Contents

CHAPTER 1 EXECUTIVE SUMMARY

Market Outlook
Scope of Report
Market Summary
Market Dynamics and Growth Factors
Emerging Technologies
Future Trends and Developments
Regional and Emerging Markets
Segmental Analysis
Conclusion

CHAPTER 2 MARKET OVERVIEW

Market Definition
Factors Affecting the Choice of the Battery Electrolyte Additives Market
Importance of Battery Electrolyte Additives

CHAPTER 3 MARKET DYNAMICS

Key Takeaways:
Market Dynamics Snapshot
Market Drivers
Rising Demand for EVs
Increasing Demand for Grid-Scale ESS
Market Restraints
High Production Cost
Barriers to Entry
Market Opportunities
Stricter Safety Regulations
AI-Driven Battery Electrolyte Additive Discovery
Market Challenges
Raw Material Price Volatility
Regulatory Burden on Producers

CHAPTER 4 EMERGING TECHNOLOGIES AND DEVELOPMENTS

Key Takeaways:

Newest Technology

Evolution of 3-Triethoxysilylpropylsuccinic Acid Anhydride Additive (TAA) for LIBs

Non-Solvating Additives for Sodium-Based Batteries

Development of SCT2584 Film-Forming Additive for Cathode and Anode

CHAPTER 5 SUPPLY CHAIN ANALYSIS OF THE GLOBAL BATTERY ELECTROLYTE ADDITIVES MARKET

Supply Chain Analysis of Battery Electrolyte Additives

Manufacturer

Sales

CHAPTER 6 MARKET SEGMENTATION ANALYSIS

Key Takeaways:

Segmentation Breakdown

Market Analysis by Additive Type

Vinylene Carbonate

Fluoroethylene Carbonate

1,3-PROPANE SULTONE

Lithium Bis(fluorosulfonyl)imide (LiFSA)

Others

Market Analysis by Product Type

Liquid Electrolyte Additives

Solid Electrolyte Additives

Gel Electrolyte Additives

Market Analysis by Battery Type

Lithium-ion Batteries (LIBs)

Lead-Acid Batteries

Nickel-Based Batteries

Others

Market Analysis by End Users

Automotive

Energy Storage Systems (ESS)

Consumer Electronics

Industrial

Others

Geographic Breakdown

Key Takeaways:

Market Analysis by Region

North America

Asia-Pacific

Europe

Middle East and Africa (MEA)

South America

CHAPTER 7 COMPETITIVE INTELLIGENCE

Battery Electrolyte Additives: Market Share Analysis

Strategic Analysis

CHAPTER 8 APPENDIX

Methodology

Information Sources

Abbreviation

References

Company Profile

ACUTAAS CHEMICALS ELECTROLYTES PVT. LTD.

ARKEMA

BASF

CAPCHEM

GETCHEM CO. LTD.

GUANGZHOU TINCI MATERIALS TECHNOLOGY CO. LTD.

LG ENERGY SOLUTION

NOVA INTERCHEM PVT. LTD.

OTTO CHEMIE PVT. LTD.

RONGCHENG QING MU HIGH-TECH MATERIALS CO. LTD.

SOLVAY

SOLVIONIC

TOKYO CHEMICAL INDUSTRY CO. LTD.

UNILONG INDUSTRY CO. LTD.

ZHEJIANG YONGTAI TECHNOLOGY CO. LTD.

List Of Tables

LIST OF TABLES

Summary Table : Global Market for Battery Electrolyte Additives, by Region, Through 2031

Table 1 : Country-Wise Investment in Renewable Energy, 2023

Table 2 : Key Raw Materials of Battery Electrolyte Additives and Their Functions

Table 3 : Global Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 4 : Global Market for Vinylene Carbonate Battery Electrolyte Additives, by Region, Through 2031

Table 5 : Global Market for Fluoroethylene Carbonate Battery Electrolyte Additives, by Region, Through 2031

Table 6 : Global Market for 1,3-Propane Sultone Battery Electrolyte Additives, by Region, Through 2031

Table 7 : Global Market for LiFSA Battery Electrolyte Additives, by Region, Through 2031

Table 8 : Global Market for Other Additives of Battery Electrolyte Additives, by Region, Through 2031

Table 9 : Global Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 10 : Global Market for Liquid Battery Electrolyte Additives, by Region, Through 2031

Table 11 : Global Market for Solid Battery Electrolyte Additives, by Region, Through 2031

Table 12 : Global Market for Gel Battery Electrolyte Additives, by Region, Through 2031

Table 13 : Global Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 14 : Global Market for LIBs Battery Electrolyte Additives, by Region, Through 2031

Table 15 : Global Market for Lead-Acid Battery Electrolyte Additives, by Region, Through 2031

Table 16 : Global Market for Nickel-Based Battery Electrolyte Additives, by Region, Through 2031

Table 17 : Global Market for Other Type of Battery Electrolyte Additives, by Region, Through 2031

Table 18 : Global Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 19 : Global Market for Automotive Battery Electrolyte Additives, by Region,

Through 2031

Table 20 : Global Market for ESS Battery Electrolyte Additives, by Region, Through 2031

Table 21 : Global Market for Consumer Electronics Battery Electrolyte Additives, by Region, Through 2031

Table 22 : Global Market for Industrial Battery Electrolyte Additives, by Region, Through 2031

Table 23 : Global Market for Other End Users of Battery Electrolyte Additives by Region, Through 2031

Table 24 : Global Market for Battery Electrolyte Additives, by Region, Through 2031

Table 25 : North American Market for Battery Electrolyte Additives, by Country, Through 2031

Table 26 : North American Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 27 : North American Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 28 : North American Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 29 : North American Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 30 : U.S. Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 31 : U.S. Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 32 : U.S. Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 33 : U.S. Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 34 : Canadian Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 35 : Canadian Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 36 : Canadian Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 37 : Canadian Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 38 : Mexican Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 39 : Mexican Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 40 : Mexican Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 41 : Mexican Market for Battery Electrolyte Additives, by End Users, Through 2031

2031

Table 42 : Asia-Pacific Market for Battery Electrolyte Additives, by Country, Through 2031

Table 43 : Asia-Pacific Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 44 : Asia-Pacific Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 45 : Asia-Pacific Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 46 : Asia-Pacific Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 47 : Chinese Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 48 : Chinese Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 49 : Chinese Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 50 : Chinese Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 51 : Japanese Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 52 : Japanese Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 53 : Japanese Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 54 : Japanese Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 55 : South Korean Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 56 : South Korean Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 57 : South Korean Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 58 : South Korean Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 59 : Indian Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 60 : Indian Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 61 : Indian Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 62 : Indian Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 63 : Rest of Asia-Pacific Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 64 : Rest of Asia-Pacific Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 65 : Rest of Asia-Pacific Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 66 : Rest of Asia-Pacific Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 67 : European Market for Battery Electrolyte Additives, by Country, Through 2031

Table 68 : European Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 69 : European Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 70 : European Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 71 : European Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 72 : German Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 73 : German Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 74 : German Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 75 : German Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 76 : U.K. Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 77 : U.K. Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 78 : U.K. Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 79 : U.K. Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 80 : French Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 81 : French Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 82 : French Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 83 : French Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 84 : Italian Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 85 : Italian Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 86 : Italian Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 87 : Italian Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 88 : Spanish Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 89 : Spanish Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 90 : Spanish Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 91 : Spanish Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 92 : Rest of Europe Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 93 : Rest of Europe Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 94 : Rest of Europe Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 95 : Rest of Europe Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 96 : MEA Market for Battery Electrolyte Additives, by Country, Through 2031

Table 97 : MEA Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 98 : MEA Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 99 : MEA Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 100 : MEA Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 101 : Saudi Arabian Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 102 : Saudi Arabian Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 103 : Saudi Arabian Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 104 : Saudi Arabian Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 105 : South African Market for Battery Electrolyte Additives, by Additive Type,

Through 2031

Table 106 : South African Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 107 : South African Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 108 : South African Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 109 : Rest of MEA Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 110 : Rest of MEA Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 111 : Rest of MEA Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 112 : Rest of MEA Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 113 : South American Market for Battery Electrolyte Additives, by Country, Through 2031

Table 114 : South American Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 115 : South American Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 116 : South American Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 117 : South American Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 118 : Brazilian Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 119 : Brazilian Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 120 : Brazilian Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 121 : Brazilian Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 122 : Argentine Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 123 : Argentine Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 124 : Argentine Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 125 : Argentine Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 126 : Rest of South America Market for Battery Electrolyte Additives, by Additive Type, Through 2031

Table 127 : Rest of South America Market for Battery Electrolyte Additives, by Product Type, Through 2031

Table 128 : Rest of South America Market for Battery Electrolyte Additives, by Battery Type, Through 2031

Table 129 : Rest of South America Market for Battery Electrolyte Additives, by End Users, Through 2031

Table 130 : Market Shares of Key Companies, 2025

Table 131 : Abbreviation Used in This Report

Table 132 : Acutaas Chemicals Electrolytes Pvt. Ltd.: Company Snapshot

Table 133 : Acutaas Chemicals Electrolytes Pvt. Ltd.: Product Portfolio

Table 134 : Arkema: Company Snapshot

Table 135 : Arkema: Financial Performance, FY 2024 and 2025

Table 136 : Arkema: Product Portfolio

Table 137 : BASF: Company Snapshot

Table 138 : BASF: Financial Performance, FY 2024 and 2025

Table 139 : BASF: Product Portfolio

Table 140 : CAPCHEM: Company Snapshot

Table 141 : CAPCHEM: Financial Performance, FY 2024 and 2025

Table 142 : CAPCHEM: Product Portfolio

Table 143 : CAPCHEM: News/Key Developments, 2026

Table 144 : GetChem Co. Ltd.: Company Snapshot

Table 145 : GetChem Co. Ltd.: Product Portfolio

Table 146 : Guangzhou Tinci Materials Technology Co. Ltd.: Company Snapshot

Table 147 : Guangzhou Tinci Materials Technology Co. Ltd.: Financial Performance, FY 2024 and 2025

Table 148 : Guangzhou Tinci Materials Technology Co. Ltd.: Product Portfolio

Table 149 : Guangzhou Tinci Materials Technology Co. Ltd.: News/Key Developments, 2025

Table 150 : LG Energy Solution: Company Snapshot

Table 151 : LG Energy Solution: Financial Performance, FY 2024 and 2025

Table 152 : LG Energy Solution: Product Portfolio

Table 153 : Nova Interchem Pvt. Ltd.: Company Snapshot

Table 154 : Nova Interchem Pvt. Ltd.: Product Portfolio

Table 155 : Otto Chemie Pvt. Ltd.: Company Snapshot

Table 156 : Otto Chemie Pvt. Ltd.: Product Portfolio

Table 157 : Rongcheng Qing Mu High-Tech Materials Co. Ltd.: Company Snapshot

Table 158 : Rongcheng Qing Mu High-Tech Materials Co. Ltd.: Product Portfolio

Table 159 : Solvay: Company Snapshot

Table 160 : Solvay: Financial Performance, FY 2024 and 2025

Table 161 : Solvay: Product Portfolio

Table 162 : Solvionic: Company Snapshot

Table 163 : Solvionic: Product Portfolio

Table 164 : Tokyo Chemical Industry Co. Ltd.: Company Snapshot

Table 165 : Tokyo Chemical Industry Co. Ltd.: Product Portfolio

Table 166 : Unilong Industry Co. Ltd.: Company Snapshot

Table 167 : Unilong Industry Co Ltd.: Product Portfolio

Table 168 : Zhejiang Yongtai Technology Co. Ltd.: Company Snapshot

Table 169 : Zhejiang Yongtai Technology Co. Ltd.: Financial Performance, FY 2024 and 2025

Table 170 : Zhejiang Yongtai Technology Co. Ltd.: Product Portfolio

Table 171 : Zhejiang Yongtai Technology Co. Ltd.: News/Key Developments, 2026

List Of Figures

LIST OF FIGURES

Summary Figure : Global Market Shares of Battery Electrolyte Additives, by Region, 2025

Figure 1 : Market Dynamics of Battery Electrolyte Additives

Figure 2 : Supply Chain Analysis: Battery Electrolyte Additives

Figure 3 : Global Market Shares of Battery Electrolyte Additives, by Additive Type, 2025

Figure 4 : Global Market Shares of Battery Electrolyte Additives, by Product Type, 2025

Figure 5 : Global Market Shares of Battery Electrolyte Additives, by Battery Type, 2025

Figure 6 : Global Market Shares of Battery Electrolyte Additives, by End Users, 2025

Figure 7 : Global Market Shares of Battery Electrolyte Additives, by Region, 2025

Figure 8 : North American Market Shares of Battery Electrolyte Additives, by Country, 2025

Figure 9 : Asia-Pacific Market Shares of Battery Electrolyte Additives, by Country, 2025

Figure 10 : European Market Shares of Battery Electrolyte Additives, by Country, 2025

Figure 11 : MEA Market Shares of Battery Electrolyte Additives, by Country, 2025

Figure 12 : South American Market Shares of Battery Electrolyte Additives, by Country, 2025

Figure 13 : Arkema: Revenue Shares, by Business Unit, FY 2025

Figure 14 : Arkema: Revenue Shares, by Region, FY 2025

Figure 15 : BASF: Revenue Shares, by Business Units, FY 2025

Figure 16 : BASF: Revenue Shares, by Region, FY 2025

Figure 17 : Guangzhou Tinci Materials Technology Co. Ltd.: Revenue Shares, by Business Units, FY 2025

Figure 18 : Guangzhou Tinci Materials Technology Co. Ltd.: Revenue Shares, by Region, FY 2025

Figure 19 : LG Energy Solution: Revenue Shares, by Region, FY 2025

Figure 20 : Solvay: Revenue Shares, by Business Units, FY 2025

Figure 21 : Solvay: Revenue Shares, by Region, FY 2025

Figure 22 : Zhejiang Yongtai Technology Co. Ltd.: Revenue Shares, by Business Units, FY 2025

Figure 23 : Zhejiang Yongtai Technology Co. Ltd.: Revenue Shares, by Region, FY 2025

I would like to order

Product name: Global Battery Electrolyte Additives Market

Product link: <https://marketpublishers.com/r/G0172CC7F19CEN.html>

Price: US\$ 4,650.00 (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/G0172CC7F19CEN.html>