

Battery Additives Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** Battery Materials & Critical Minerals (Chemicals & Materials)
> ****Source:**** <https://www.mordorintelligence.com/industry-reports/battery-additives-market>
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
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Base Market Size	USD 2.36 billion
Projected Forecast (2031)	USD 2.36 billion
Growth Rate (CAGR)	9.51 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

![Major players in Battery Additives industry](images/chart_2.png)

![Battery Additives Market Size](images/chart_3.png)

![Battery Additives Market Share by Type, 2025](images/chart_4.png)

![Battery Additives Market Share by Application, 2025](images/chart_5.png)

![Battery Additives Market Growth Rate by Region](images/chart_6.png)

![Battery Additives Market Concentration](images/chart_7.png)

![Icon](images/chart_8.png)

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![ESOMAR](images/chart_17.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period | 2026 - 2031 |
Market Size (2026) | USD 2.36 Billion |
Market Size (2031) | USD 3.71 Billion |
Growth Rate (2026 - 2031) | 9.51 % |
Fastest Growing Market | Asia-Pacific |
Largest Market | Asia-Pacific |
Market Concentration | Low |
Major Players*Disclaimer: Major Players sorted in no particular order

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Market Overview

Battery Additives Market Analysis by Mordor Intelligence The battery additives market size is projected to expand from USD 2.18 billion in 2025 and USD 2.36 billion in 2026 to USD 3.71 billion by 2031, at a CAGR of 9.51% between 2026 and 2031. Higher-energy lithium-ion cell designs require more specialized conductive, protective, and processing additives. Global electric car output reached nearly 2.2 million units in 2025, increasing the need for new cell formats and tighter qualification standards across the battery additives market[1] International Energy Agency, "Global Energy Review 2026," International Energy Agency, [iea.org](https://www.iea.org). Stationary storage also expands demand beyond transport as cell production rises for utility applications. Regional manufacturing policies are changing supplier selection because cell makers need traceable and qualified materials near new production sites. These conditions favor suppliers that can support product qualification, local supply, and formulation development across several battery chemistries.

Key Report Takeaways

- * By type, conductive additives held 36.78% of revenue in 2025 and are forecast to grow at a 10.34% CAGR through 2031.
- * By application, lithium-ion batteries accounted for 69.13% of revenue in 2025 and are forecast to grow at a 10.56% CAGR through 2031.
- * By geography, Asia Pacific accounted for 46.06% of revenue share in 2025, and is forecast to grow at a 10.73% CAGR through 2031.

Key Market Trends

Global Battery Additives Market Trends and Insights Drivers Impact Analysis*

Driver	(~) % Impact on CAGR Forecast	Geographic Relevance	Impact Timeline
Electric Vehicle Battery Production Expansion	+3.0%	Global, with highest density in China, South Korea, Germany, and North America	Short term (≤ 2 years)
Grid-Scale Energy Storage Deployment	+2.0%	Global, with primary growth in the United States, China, the European Union, and Australia	Medium term (2-4 years)
Higher-Voltage and Longer-Life Cell Formulations	+1.5%	Global, concentrated in research hubs in Japan, Germany, South Korea, and the United States	Medium term (2-4 years)
Silicon-Rich Anodes and High-Nickel Cathodes	+1.5%	Global, with highest near-term intensity in China, South Korea, and the European Union	Long term (≥ 4 years)
Regional Gigafactory Qualification and Formulation Localization	+1.0%	North America and the European Union, with spillover to India and Southeast Asia	Medium term (2-4 years)

Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

The battery additives market has a fragmented structure. No global supplier holds an outright dominant position because formulations are specific to customers, battery chemistries, and manufacturing processes. BASF, Arkema, and 3M have portfolios across conductive additives, binders, dispersants, and electrolyte materi

als. Their product breadth supports wider supply relationships with gigafactory customers that need more than one material function. BASF introduced Oppanol N P LUS in June 2026 for next-generation electric vehicle and solid-state battery applications. The product demonstrates the importance of qualifying materials before new cell architectures move into larger-scale production.

Focused specialists compete through supply agreements and closer integration with upstream materials. Cabot's agreement with PowerCo SE provides an example of early qualification supporting a long-term customer relationship. Suppliers with reliable regional output can be more attractive when customers need documented material traceability and a predictable approval process. Customer switching costs remain high because replacement additives must complete technical validation before they can be used in production. This dynamic protects established suppliers after qualification and reduces the appeal of changing a material without a performance need. It also makes technical service, production consistency, and application support important competitive factors in the battery additives market.

Arkema presented PVDF binder innovations, PAA-based binders for silicon anodes, and dry-electrode coating capabilities in June 2026. Birla Carbon presented Conductex i carbon black and multiwall carbon nanotube products at The Battery Show Europe 2026. These moves show that suppliers are broadening product choices for newer cell designs and specialized electrode requirements. Competitive positioning depends on materials performance, qualification history, regional supply capability, formulation support, and the ability to meet changing customer specifications. The battery additives market does not favor a single universal additive package. Suppliers instead build positions around specific chemistries, cell formats, and customer requirements.

Battery Additives Industry Leaders* Cabot Corporation

* Imerys

* Orion S.A.

* SGL Carbon

* Hammond Group, Inc.

* *Disclaimer: Major Players sorted in no particular order

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Component Component 3 Scope Of The Report Bottom

Global Battery Additives Market Report ScopeBattery additives are chemical formulations designed to enhance performance, prevent corrosion, or rejuvenate lead-acid and lithium-ion batteries.

The battery additives market is segmented by type, application, and geography. By type, the market is segmented into conductive additive, porous additive, nucleating additive, and others. By application, the market is segmented into lithium-ion batteries, lead-acid batteries, and others. By geography, the market is segmented into Asia Pacific, North America, Europe, South America, the Middle East and Africa. The report also covers the battery additives market size and forecasts for the battery additives market in 15 countries across major regions. For each segment, the market sizing and forecasts have been done on the basis of value (USD).

By TypeConductive Additive |

Porous Additive |

Nucleating Additive |

Others |

Segmentation Accordion Item

By GeographyAsia-Pacific | China |
| India |
| Japan |
| South Korea |
| Rest of Asia-Pacific |
North America | United States |
| Canada |
| Mexico |
Europe | Germany |
| United Kingdom |
| France |
| Italy |
| Rest of Europe |
South America | Brazil |
| Argentina |
| Rest of South America |
Middle East and Africa | Saudi Arabia |
| South Africa |
| Rest of Middle East and Africa |

Frequently Asked Questions

How large is the battery additives market?

It is projected to increase from USD 2.36 billion in 2026 to USD 3.71 billion by 2031, at a 9.51% CAGR. The forecast reflects demand from transport and stationary energy-storage cell production.

Which type of battery additives is growing fastest?

Conductive additives are forecast to grow at a 10.34% CAGR through 2031 after holding 36.78% of revenue in 2025. Carbon black, carbon nanotubes, graphene, and hybrid dispersions are included in this category.

Which region leads global demand?

Asia-Pacific held 46.06% of global revenue in 2025 and is forecast to grow at a 10.73% CAGR through 2031. Its lead reflects deep cell-manufacturing capacity and a developed battery-material supply base.

Why do lithium-ion cells require battery additives?

They use conductive materials, binders, electrolyte additives, and dispersants to support electrode processing, protection, and cycle life. Higher-performance cells can require several additive functions within the same design.