+357 96 030922
info@marketpublishers.com

The Global Secondary Battery Materials Market 2026–2037

https://marketpublishers.com/r/GBAA0B9DEC35EN.html
Date: August 2026
Pages: 458
Price: US$ 1,500.00 (Single User License)
ID: GBAA0B9DEC35EN

Abstracts

Secondary (rechargeable) battery materials are the engineered inputs that make up a lithium-ion cell and its surrounding module and pack — cathode and anode active materials, electrolyte, separator, conductive additives and binders, and the copper and aluminium current collectors, together with the busbars, insulation and structural housing that turn cells into a usable pack. Demand is driven overwhelmingly by the electrification of transport and the parallel build-out of stationary energy storage, with consumer electronics a smaller but stable third stream. As global lithium-ion output scales from roughly one terawatt-hour today toward several times that by 2037, material demand rises in step — though not uniformly, because chemistry mix, cell and pack architecture, and processing route all reshape which materials capture value.

The market is defined by a persistent tension between volume and value. High-volume commodities such as LFP cathode and graphite anode grow with capacity but carry thin margins, while smaller, specification-critical materials — silicon anode, carbon nanotubes, LiFSI salt, engineered separators — grow faster in percentage terms and command premium pricing. Cathode active materials remain the largest single value pool, anchored to volatile lithium, nickel and cobalt prices; anode is being reshaped by the gradual introduction of silicon; and separators, electrolytes and current collectors form steady, technically demanding mid-tier markets.

Two structural shifts run through the forecast period. First, pack-level engineering — cell-to-pack, cell-to-body and cell-to-chassis designs — is eroding module content while raising the importance of structural housing materials such as aluminium, high-strength steel and composites. Second, dry-electrode (solvent-free) processing is beginning to reshape binder and conductive-additive demand, favouring PTFE and carbon nanotubes over incumbent PVDF and carbon black.

+357 96 030922
info@marketpublishers.com

Supply is acutely concentrated in China across nearly every segment, with nascent Western, Korean and Japanese capacity supported by the US Inflation Reduction Act, Section 45X and the EU Critical Raw Materials Act. Substitution risk — principally sodium-ion in cost-sensitive storage and entry EVs, and solid-state over the longer term — sits alongside recycling and critical-material recovery as swing factors for secondary supply. The result is a large, fast-growing but strategically contested market in which sourcing security, localisation economics and materials innovation increasingly determine competitive position through 2037, rewarding participants who can pair scale with defensible, specification-critical differentiation.

The Global Secondary Battery Materials Market 2026–2037 is a commercial market study of the full lithium-ion battery materials value chain, from cell active materials through to module and pack-structural components. It quantifies demand (in tonnes) and market value (in US dollars) for each in-scope material on a bottom-up basis — global cell output in gigawatt-hours, multiplied by chemistry- and architecture-specific material-intensity factors, then priced — with annual forecasts extended to 2037. The study covers eight value-chain segments: cathode active materials; anode active materials (graphite and silicon); electrolyte, salts and additives; separators; conductive additives and binders; current collectors; module materials; and pack-housing and structural materials. It also provides a dedicated analysis of dry-electrode (solvent-free) processing and its effect on the cell, binder and conductive-additive markets.

Beyond sizing, the report maps demand drivers and end-market splits across electric vehicles, stationary storage and consumer electronics; profiles the supplier landscape and geographic concentration for every segment; sets out pricing trends and cost structures; and assesses supply-chain risk against the US IRA/Section 45X and the EU Critical Raw Materials Act. A comparative-analysis chapter reconciles all segments into a single value-and-volume view with a regional breakdown, and a scenarios chapter tests sensitivity to chemistry mix, silicon loading, dry-process adoption, sodium-ion substitution and localisation. The study closes with a company-profiles directory spanning cathode, anode, electrolyte, separator, additive, binder, foil, upstream raw-material, cell, solid-state, sodium-ion and recycling players.

Contents summary:

Executive summary — headline forecasts, material growth ranking and company landscapeIntroduction, scope and methodology — the bottom-up GWh ? intensity ? tonnage ? value modelGlobal Li-ion demand and the material-intensity model — demand

+357 96 030922
info@marketpublishers.com

by application, chemistry mix, end-market splitCathode active materials — LFP, NMC, NCA, LMFP; lithium, nickel, cobalt and manganeseAnode active materials — natural and synthetic graphite; silicon (SiOx, nano-Si, Si-C)Electrolyte — salts (LiPF?, LiFSI), solvents and additivesSeparators — wet and dry base films; ceramic-coatedConductive additives and binders — carbon black, CNT; PVDF, SBR/CMCCurrent collectors — battery-grade copper and aluminium foilDry-electrode (solvent-free) processing — cell, binder and conductive-additive impactModule materials — busbars, interconnects and insulationPack-housing and structural materials — aluminium, steel, composites; CTP/CTB/CTCComparative analysis, regional breakdown and supply-chain risk — including IRA/45X and EU CRMA policyScenarios and sensitivities — chemistry mix, silicon loading, dry-process, sodium-ion, localisationCompany profiles — 439 companies across the value chainAppendices — methodology, full assumptions, demand-model tables, Excel sheet index, company directory and related FMI research

Companies profiled include 24M Technologies, Inc., 2D Fab AB, 3DOM Inc., 6K Energy, AC Biode, Accurec Recycling GmbH, Achelous Pure Metal Company Limited, ACT-ion Battery Technologies, Addionics, Advanced Battery Recycle Co., Ltd. (ABR), Advanced Solid-State Electrolyte Technology Co., Ltd. (ASET), Advano, AE Elemental, AEGIS Critical Energy Defence Corp., AESC, AirMembrane Corporation, Albemarle, Allied Gra[hite, Allye Energy, Alsym Energy, Altairnano / Yinlong, Altech Batteries Ltd., Altilium Clean Technology, Altris AB, AMO Greentech, Ampcera, Inc., Amprius, Inc., Amtex, Anaphite Limited, Anhui Anwa New Energy, Anthro Energy, APB Corporation, Appear Inc., Arcadium Lithium, Argylium, Arkema, Asahi Kasei, Astracite, Ateios Systems, Atlas Materials, Attero Recycling, Australian Advanced Materials, Avanti Battery Company, AZUL Energy Co., Ltd, BAK Power Battery, Base Power, BASF, Basquevolt, Batrec Industrie AG, Battery Pollution Technologies, Battri, BatX Energies, Bedimensional S.p.A, BeePlanet Factory, Beijing Easpring, Beijing WeLion New Energy Technology, Bemp Research Company, BenAn Energy Technology, The BESSt Company, BGT Materials Ltd., Bihar Batteries, Birla Carbon, Biwatt Power, Black Diamond Structures, LLC, Blackstone Resources, Blue Current, Inc., Blue Solutions, Bodi, Inc., Breathe Battery Technologies, BrightVolt, Inc., Broadbit Batteries Oy, Brunp (CATL), BTR New Energy Materials, Inc., BTRY AG, BYD Energy Storage, Cabot Corporation, CALB, California Lithium Battery, CAMX Power, CAPCHEM, Carbon One, CarbonScape Ltd., CarbonX, CATL, CBAK Energy Technology, Inc., CCL Design, CEC Science & Technology Co., Ltd, CellCircle, CellCube, CellsX, CENS Materials Ltd., Central Glass Co., Ltd., Ceylon Graphene Technologies (Pvt) Ltd, Cham Battery Technology, Chasm Advanced Materials, Inc., Chemix, China Sodium-ion Times, Chongqing Tailan New Energy Co., Ltd., Cirba Solutions, Circunomics, CMBlu Energy AG, Cnano Technology (LB Group), CNGR, Connexx Systems Corp, Conovate, Coreshell, Customcells, cylib,

+357 96 030922
info@marketpublishers.com

Cymbet, Daejoo Electronic Materials, Daqus Energy, Denka, DFD, Do-Fluoride, Domolynx, Donut Lab Oy, Dotz Nano, DOWA Eco-System, Dreamweaver International, Duesenfeld GmbH, E-Magy, Easpring Finland New Materials, EBS Square, Ecellix, Echion Technologies and more...

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

16 APPENDICES

16.1 Methodology detail & full assumption set
16.2 Demand-model tables (full annual series to 2037)
16.3 Glossary

17 REFERENCES

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: The Global Secondary Battery Materials Market 2026–2037

Product link: https://marketpublishers.com/r/GBAA0B9DEC35EN.html

Price: US$ 1,500.00 (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/GBAA0B9DEC35EN.html