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ANMD-MRS17-161

LITHIUM-ION BATTERY SYSTEMS

A Global Sustainability Due Diligence and Market Research Study

Shortened Table of Contents

Market Snapshot

US$ 32,320.0m 2025A market value	**US$ 38,647.2m** 2026E market value	**US$ 112,980.0m** 2032F market value	**19.6%** CAGR 2025A to 2032F
7 regions Geographic coverage	**19 modules** Country modules	**721 exhibits** Including 178 charts	**271 + 102** Organizations and patent records
2020–2032 Historical data and forecasts	**Global** Regional and country coverage		

Report Facts

Report Attribute	Coverage
Report code	ANMD-MRS17-161 | Energy Storage & Grid Integration
Published	September 2026
Study periods	History 2020H to 2024H | Actual 2025A | Estimate 2026E | Forecast 2027F to 2032F
Length	362 pages | 34 chapters | 7 appendices | 721 exhibits including 178 charts
Geography	7 regions | 19 country modules | Residual regional groupings
Segmentation	4 chemistry families plus form factor, application, end user, business model, duration and ownership
Directories	271 organizations based in 24 countries | 102 patent records
Licences	Single-User License (SUL) | Global Corporate License (GCL)

This shortened table of contents presents the chapter architecture, main sections and selected exhibits. The detailed table of contents and sample pages are available to registered users at www.anewmarketdynamics.com.

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Part I

Study Framework, Executive Brief and Global Market

Study conventions, headline market findings, the system boundary and the global and regional analytical foundation.

No.	Chapter, Main Sections and Selected Exhibits	Exhibits	Page
F	**Foreword** Purpose of the study • Stationary system boundary • Intended readers		i
1	**About This Report** Methodology and quality control • How the report is organized • Reader's guide • Reporting conventions • Primary boundary • Units, currency and the 2020H to 2032F convention • Evidence grades • Status separation • Double-count and claim separation • Exhibit conventions **Highlights** *Stationary system boundary | Separation of power, energy, status and claims*	–	1
2	**Executive Market Brief** Key market developments • Market in brief • Market outlook in five statements • Regional and country market outlook • Policy and classification environment • Key findings and adoption constraints • Stakeholder implications • Indicators to track • Industry development timeline **Selected exhibits** *Exhibit 1: Global Market at a Glance | Exhibit 6: Industry Development Timeline*	6 2 charts	3
3	**Executive Summary and Market Metrics Dashboard** What changed this year • What the market is worth and why • Regional and country opportunity ranking • Policy and classification outlook • What the integrated analysis adds • Where the risks are • Observed deployment outcome patterns • Topic dashboard **Selected exhibits** *Exhibit 7: Global Value, Volume and Price Dashboard | Exhibit 9: Chemistry Share, 2025A vs 2032F*	3 1 chart	7
4	**Global Market — Dynamics, Size and Outlook** Industry background and system components • Industry structure and participant map • Market drivers • Market restraints and challenges • Opportunities and strategic frameworks • Global market size and forecast • Market model conversion logic • Segmentation spine • Flow, stock and revenue measurement **Selected exhibits** *Exhibit 10: System Components and Function | Exhibit 13: Global Market Value, 2020H–2032F (Chart)*	7 2 charts	10
5	**Regional Markets — Seven-Region Overview** Regional dashboard • Regional value and share comparison • Regional demand character • Regional opportunity ranking • Topic regional map **Selected exhibits** *Exhibit 20: Regional Share of Global, 2025A (Chart) | Exhibit 21: Regional Value and Share, 2025A and 2032F*	5 1 chart	17
6	**How to Read the Country Modules** Module structure and conventions • Full-format and consolidated modules • Data bases and rounding • Country-module data requirements **Highlights** *Seven-subsection module grammar | Country deep dive in every full module*	–	20

Part II

Regional, Country, Segmentation and Demand Analysis

Seven-region coverage, 19 country modules and the market series used to compare value, energy deployed and chemistry demand.

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7	**North America — Regional Analysis and Country Modules** United States • Canada • Mexico • Rest of North America • Country comparison **Highlights** *Value, energy-deployed and chemistry series for each country | Policy matrices for the Inflation Reduction Act §48E credit, FERC Orders 841 and 2222 and IESO procurements*	97 26 charts	21
8	**Europe — Regional Analysis and Country Modules** Germany • United Kingdom • Finland-Led Nordics • France • Rest of Europe • Country comparison **Highlights** *Value, energy-deployed and chemistry series for each country | Innovation tenders, Dynamic Containment, Fingrid reserve markets and RTE mechanisms*	127 34 charts	58
9	**Asia Pacific — Regional Analysis and Country Modules** China • South Korea • Japan • India • Australia • Rest of Asia Pacific • Country comparison **Highlights** *Value, energy-deployed and chemistry series for each country | Provincial storage mandates, India viability-gap funding and the Capacity Investment Scheme*	157 42 charts	106
10	**Latin America — Regional Analysis and Country Modules** Chile • Brazil • Rest of Latin America • Country comparison **Highlights** *Value, energy-deployed and chemistry series for each country | Chile storage remuneration law (Law 21.505) and Brazil reserve-capacity auctions*	67 18 charts	165
11	**Africa — Regional Analysis and Country Modules** South Africa • Egypt • Rest of Africa • Country comparison **Highlights** *Value, energy-deployed and chemistry series for each country | Eskom Battery Energy Storage Project and Egypt's Integrated Sustainable Energy Strategy*	67 18 charts	190

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12	**Middle East — Regional Analysis and Country Modules** Saudi Arabia • United Arab Emirates • Israel • Rest of Middle East • Country comparison **Highlights** *Value, energy-deployed and chemistry series for each country | Gigascale BESS tenders under NREP and Israel's solar-plus-storage mandate*	97 26 charts	215
13	**Rest of World — Regional Analysis and Country Modules** Regional overview • Composition and market character • Value and outlook **Selected exhibits** *Exhibit 634: Rest of World — Residual Value, 2020H–2032F*	1	251
14	**Global Market Reporting — Master Series and Reference Tables** Global master series • Regional master series • Country reference tables **Selected exhibits** *Exhibit 635: Global Master Value Series, Panel A: 2020H–2026E (US$ Million) | Exhibit 637: Regional Master Value Series, Panel A: 2020H–2026E (US$ Million)*	5	252
15	**Global Segmentation Analysis** Product-type segmentation, primary market split • Separately quantified secondary segmentation • Overlay axes • Full annual segment series • Cross-tabulation and additivity rules **Selected exhibits** *Exhibit 640: Global Chemistry Composition, 2026E (Chart) | Exhibit 667: Secondary Overlay Shares, 2026E*	28 7 charts	254
16	**Demand Signals and Forward Indicators** Structural demand signals • Program and policy pipelines, Gulf gigascale waves and safety-code tightening • Economic and adoption signals • Indicator dashboard • Topic leading indicators **Selected exhibits** *Exhibit 668: Leading-Indicator Dashboard*	1	265
17	**Adjacent-market Enablers** Adjacent enabler landscape and interfaces • Enabling infrastructure and platforms • Financing and service enablers • Topic interfaces **Selected exhibits** *Exhibit 669: Enabling Interfaces*	1	266

Part III

Competition, Engineering, Innovation, Sustainability and Policy

Competitive structure and participant profiles alongside system engineering, sustainability due diligence, the value chain and the policy framework.

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