

Next Generation Advanced Batteries Market - 2025-2033

<https://marketpublishers.com/r/NFD28DA77A9BEN.html>

Date: September 2026

Pages: 243

Price: US\$ 2,999.00 (Single User License)

ID: NFD28DA77A9BEN

Abstracts

The Next Generation Advanced Batteries Market was valued at US\$ 2.09 billion in 2025 and is anticipated to reach US\$ 3.78 billion by 2033, at a CAGR of 0.0724 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Next Generation Advanced Batteries Market.

This report delivers a comprehensive overview of the Next Generation Advanced Batteries Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Next Generation Advanced Batteries Market. The Next Generation Advanced Batteries Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

Next Generation Advanced Batteries Market Scope:

By Technology

Solid Electrolyte Battery

Magnesium Ion Battery

Next-generation Flow Battery

Metal-Air Battery

Lithium-Sulfur Battery

Other

By Application

Portable Devices

Electric Vehicles (EVs)

Renewable Energy Storage

Military & Defense

Aerospace

Others

By End-User

Consumer Electronics

Transportation

Industrial

Energy Storage

Other

Key Players

Pathion Holding Inc.

GS Yuasa Corporation

Johnson Matthey PLC

PolyPlus Battery Co. Inc.

Ilika PLC

Sion Power Corporation

LG Chem Ltd

Saft Groupe SA

BYD Company Ltd.

Contemporary Amperex Technology Co. Ltd LIST NOT EXHAUSTIVE

Major Highlights

This report delivers a comprehensive overview of the Next Generation Advanced Batteries Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Next Generation Advanced Batteries Market. The Next Generation Advanced Batteries Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2025–2033.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

Partner Identification

Increase Your Customer Base by 3X using our Partner Identification tool

Uncover strategic collaboration opportunities with DataM vetted partners aligned to your ecosystem.

Identify high potential M&A targets based on synergies, market positioning and growth trajectory.

Prioritize partners by strategic fit rather than general capability.

Why Choose DataM?

Data-Driven Insights: Dive into detailed analyses with granular insights such as pricing, market shares and value chain evaluations, enriched by interviews with industry leaders and disruptors.

Post-Purchase Support and Expert Analyst Consultations: As a valued client, gain direct access to our expert analysts for personalized advice and strategic guidance, tailored to your specific needs and challenges.

White Papers and Case Studies: Benefit quarterly from our in-depth studies related to your purchased titles, tailored to refine your operational and marketing strategies for maximum impact.

Annual Updates on Purchased Reports: As an existing customer, enjoy the privilege of annual updates to your reports, ensuring you stay abreast of the

latest market insights and technological advancements. Terms and conditions apply.

Specialized Focus on Emerging Markets: DataM differentiates itself by delivering in-depth, specialized insights specifically for emerging markets, rather than offering generalized geographic overviews. This approach equips our clients with a nuanced understanding and actionable intelligence that are essential for navigating and succeeding in high-growth regions.

Value of DataM Reports: Our reports offer specialized insights tailored to the latest trends and specific business inquiries. This personalized approach provides a deeper, strategic perspective, ensuring you receive the precise information necessary to make informed decisions. These insights complement and go beyond what is typically available in generic databases.

Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

Contents

1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Objective and Scope of the Report

2. DEFINITION AND OVERVIEW

3. EXECUTIVE SUMMARY

- 3.1. Snippet By Technology
- 3.2. Snippet By Application
- 3.3. Snippet By End-User
- 3.4. Snippet by Region

4. DYNAMICS

- 4.1. Impacting Factors
 - 4.1.1. Drivers
 - 4.1.1.1. Integration of next-generation advanced batteries with renewable energy systems
 - 4.1.1.2. Technological advancements
 - 4.1.2. Restraints
 - 4.1.2.1. Rising cost of raw materials
 - 4.1.3. Opportunity
 - 4.1.4. Impact Analysis

5. INDUSTRY ANALYSIS

- 5.1. Porter's Five Force Analysis
- 5.2. Supply Chain Analysis
- 5.3. Pricing Analysis
- 5.4. Regulatory Analysis
- 5.5. DMI Opinion

6. BY TECHNOLOGY

- 6.1. Introduction

- 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology
- 6.1.2. Market Attractiveness Index, By Technology
- 6.2. Solid Electrolyte Battery *
 - 6.2.1. Introduction
 - 6.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 6.3. Magnesium Ion Battery
- 6.4. Next-generation Flow Battery
- 6.5. Metal-Air Battery
- 6.6. Lithium-Sulfur Battery
- 6.7. Other

7. BY APPLICATION

- 7.1. Introduction
 - 7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
 - 7.1.2. Market Attractiveness Index, By Application
- 7.2. Portable Devices*
 - 7.2.1. Introduction
 - 7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 7.3. Electric Vehicles (EVs)
- 7.4. Renewable Energy Storage
- 7.5. Military & Defense
- 7.6. Aerospace
- 7.7. Others

8. BY END-USER

- 8.1. Introduction
 - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User
 - 8.1.2. Market Attractiveness Index, By End-User
- 8.2. Consumer Electronics *
 - 8.2.1. Introduction
 - 8.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 8.3. Transportation
- 8.4. Industrial
- 8.5. Energy Storage
- 8.6. Other

9. BY REGION

9.1. Introduction

9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region

9.1.2. Market Attractiveness Index, By Region

9.2. North America

9.2.1. Introduction

9.2.2. Key Region-Specific Dynamics

9.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

9.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.2.6.1. US

9.2.6.2. Canada

9.2.6.3. Mexico

9.3. Europe

9.3.1. Introduction

9.3.2. Key Region-Specific Dynamics

9.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

9.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.3.6.1. Germany

9.3.6.2. UK

9.3.6.3. France

9.3.6.4. Italy

9.3.6.5. Spain

9.3.6.6. Rest of Europe

9.4. South America

9.4.1. Introduction

9.4.2. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

9.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.4.5.1. Brazil

9.4.5.2. Argentina

9.4.5.3. Rest of South America

9.5. Asia-Pacific

9.5.1. Introduction

9.5.2. Key Region-Specific Dynamics

9.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

9.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

9.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

9.5.6.1. China

9.5.6.2. India

9.5.6.3. Japan

9.5.6.4. Australia

9.5.6.5. Rest of Asia-Pacific

9.6. Middle East and Africa

9.6.1. Introduction

9.6.2. Key Region-Specific Dynamics

9.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Technology

9.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

9.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10. COMPETITIVE LANDSCAPE

10.1. Competitive Scenario

10.2. Market Positioning/Share Analysis

10.3. Mergers and Acquisitions Analysis

11. COMPANY PROFILES

11.1. Pathion Holding Inc.*

11.1.1. Company Overview

11.1.2. Product Portfolio and Description

11.1.3. Financial Overview

11.1.4. Key Developments

11.2. GS Yuasa Corporation

11.3. Johnson Matthey PLC

11.4. PolyPlus Battery Co. Inc.

11.5. Ilika PLC

11.6. Sion Power Corporation

11.7. LG Chem Ltd

11.8. Saft Groupe SA

11.9. BYD Company Ltd.

11.10. Contemporary Amperex Technology Co. Ltd LIST NOT EXHAUSTIVE

12. APPENDIX

12.1. About Us and Services

12.2. Contact Us

I would like to order

Product name: Next Generation Advanced Batteries Market - 2025-2033

Product link: <https://marketpublishers.com/r/NFD28DA77A9BEN.html>

Price: US\$ 2,999.00 (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/NFD28DA77A9BEN.html>