

Next-Generation Advanced Batteries: Global Markets

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Abstracts

Report Scope:

This report analyzes the global and regional markets for the next-generation advanced battery. In the battery type segment, solid-state batteries, lithium-sulfur batteries, next-generation flow batteries, metal-air batteries and others (magnesium ion batteries, sodium-sulfur batteries, sodium-ion batteries) are considered. We have omitted lithium-ion batteries, as well as any battery related to lithium-ion, from the scope.

Market data in this report quantifies opportunities for manufacturers of next-generation advanced batteries. In addition to identifying various battery types and applications, it also covers the many issues concerning the merits and prospects for the next-generation advanced battery. This includes corporate strategies, emerging technologies and the means for providing low-cost, high-technology products. The report also covers many economic and technological issues critical to the industry's current state.

The report has been prepared in a simple, easy-to-understand format; and tables and figures are included to illustrate historical, current and future market scenarios. The report also covers leading companies with information on the next-generation advanced battery, business footprints, revenues and employee strength, among other factors. The report also includes a list of other companies in the global market along with their product-related information.

This report has considered the impacts of COVID-19 and the Russia-Ukraine war on the global and regional markets. For purposes of this report, 2021 is considered a historical year, 2022 is the base year, and the market values are forecasted for five years from 2022 to 2027.

Report Includes:

16 data tables and 36 additional tables

A comprehensive overview of the global and regional markets for the next-generation advanced battery technologies

Analyses of the global market trends with market revenue (sales figures) for 2021, estimates for 2022, forecasts for 2023, and projections of compound annual growth rates (CAGRs) through 2027

Estimation of the actual market size for the global next-generation advanced battery technologies market both in value and volumetric terms, revenue forecast, and corresponding market share analysis based on the battery type, end use, and region

Discussion of the major market drivers and opportunities in next-generation advanced battery, key shifts and regulations, industry specific challenges, and other region-specific macroeconomic factors that will shape this market demand in the coming years (2022-2027)

Highlights of the recent advances made in next-generation advanced battery manufacturing and recycling, their commercial applications, industry structure, and a global supply chain analysis providing systematic study of all key intermediaries involved

Coverage of the technological, economic, and business considerations of the global next-generation advanced battery technologies market through 2027

Insight into the company competitive landscape and market share analysis of the major companies operating in the industry, and coverage of their proprietary technologies, strategic alliances, and other market strategic advantages

Company profiles of major players within the industry, including Sion Power Corp., Contemporary Amperex Technology Co. Ltd., PolyPlus Battery Co., GS Yuasa Corp., and Sion Power Corp.

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GPINDUSTRIAL
GS YUASA CORP.
ION STORAGE SYSTEMS
ILIKA PLC
NGK INSULATORS LTD.
POLYPLUS BATTERY CO.

PRIMUS POWER CORP.
QUANTUMSCAPE CORP.
SAFT
SES AI CORP.
SION POWER
SOLID POWER
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