

# Solid State Batteries: Global Markets

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## Abstracts

### Report Scope

The report provides an overview and analysis of the global SSB market and leading companies' products, strategies and initiatives. Using 2023 as the base year, the report provides estimated market data for 2024, and forecasts for 2024 through 2029. It also includes details about different types of SSBs and their end-use applications. Estimated market values are based on the determined market penetration of SSBs in the electric vehicle (EV) battery market. In the report, only the battery electric vehicle (BEV) industry has been considered, and not the plug-in hybrid electric vehicles (PHEVs), as SSB technology is being primarily developed as an advanced power source for BEVs. Projected revenue values are in constant U.S. dollars that have not been adjusted for inflation.

In this report, the global SSB market is segmented by:

Type: bulk and thin film batteries.

Cell type: single-cell and multi-cell batteries.

Rechargeability: primary and secondary batteries.

Capacity: below 20 milliampere-hours (mAh), 20–500 mAh, above 500 mAh.

End use industry: EVs, industrial, medical and healthcare, consumer electronics, and others. (Others include energy storage, aerospace and military).

-Region: North America, Europe, Asia-Pacific and the rest of the world (Rest of World).

## Report Includes

50 data tables and 43 additional tables

An analysis of the global market for solid-state battery (SSD) technologies

Analyses of the global market trends, with market revenue data for 2022, estimates for 2023, forecasts for 2024 and projected CAGRs through 2028

Estimate of the current market size and revenue growth prospects, along with a market share analysis by battery type, battery capacity, application and region

Facts and figures pertaining to the market drivers, opportunities and challenges, emerging technologies, regulations and the impacts of macroeconomic variables

An analysis of recent patent grants and key published patents

Overview of sustainability trends and ESG developments, with emphasis on ESG performance, consumer attitudes, companies' ESG score rankings and their ESG practices

Analysis of leading companies' market shares, M&A activity and venture funding outlook

Company profiles of major players within the industry, including Bluesolutions, Ilika, ProLogium Technology Co. Ltd., QuantumScape Corp., and Samsung SDI Co. Ltd.

(Note: mAh is used to rate the energy capacity of common household batteries and those of electronic devices such as smartphones, laptops and appliances.)

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ILIKA

PROLOGIUM TECHNOLOGY CO. LTD.

QUANTUMSCAPE CORP.

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