

Flow Batteries: Global Markets

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Abstracts

Report Scope

The flow battery report covers all batteries that are currently available commercially. The market report also analyzes the end-use segments in which flow batteries find application at both the regional and country level.

The report provides market size and estimations in terms of revenue (U.S. currency), considering 2020 as the base year with a market forecast provided from 2021 to 2026. The market size for regional and country level also is covered. The report also analyzes the impact of the COVID-19 pandemic on the market estimations.

In terms of battery technology, the market for flow batteries is segmented into -

- Vanadium redox flow battery (VRFB).

- Zinc bromine (ZnBr) flow battery.

- Other batteries.

In terms of application, the market for flow batteries is segmented into -

- Load shifting.

- Peaking capacity.

- Microgrid formation.

Others.

In terms of end-use, the market for flow batteries is segmented into -

Utility.

Commercial.

Residential.

Report Includes

43 data tables and 11 additional tables

An overview of the global market for flow batteries

Estimation of the market size and analyses of market trends, with data from 2020, estimates for 2021 and projection of CAGR through 2026

Market share analysis of flow batteries by type, end use, application, and region, and evaluation of market size and forecast, and detailed analysis of drivers, challenges, and opportunities affecting market growth

Description of flow batteries functioning that makes them the safest batteries with negligible risk of fire hazards, and discussion on how flow batteries are different from conventional batteries and high-temperature batteries

Coverage of recent R&D activities and insights into regulations and norms concerning the flow batteries market

Market share analysis of the key companies of the industry and coverage of events like mergers & acquisitions, joint ventures, collaborations or partnerships, and other key market strategies

Comprehensive company profiles of major players, including Redflow, ESS Inc., Vionx Energy, Unienergy Technologies, EnerVault Corp., Primus Power and Sumitomo Electric Industries Ltd.

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ESS INC.

IMERGY POWER SYSTEMS

INVINITY ENERGY SYSTEMS PLC

PRUDENT ENERGY

PRIMUS POWER

REDFLOW LTD.

SCHMID GROUP

SUMITOMO ELECTRIC INDUSTRIES LTD.

UNIENERGY TECHNOLOGIES LLC

VIONX ENERGY CORP.

VIZN ENERGY

YOUNICOS INC.

Manufacturers: Related Components

ABB LTD.

ALEVO U.S.

AXION POWER INTERNATIONAL INC.

BOSCH GROUP

DYNAPOWER ENERGY MANAGEMENT

FURUKAWA BATTERY

GE ENERGY STORAGE

GREEN CHARGE NETWORKS

GREENSMITH ENERGY MANAGEMENT SYSTEMS

HUDSON CLEAN ENERGY PARTNERS
JLM ENERGY INC.
OUTBACK POWER
S&C ELECTRIC CO.
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