

# Americas Battery Energy Storage System Market Size, Share & Trends Analysis Report By Battery Type (Flywheel, Lead Acid, Lithium-Ion), By End-use (Data Center, Medical), By Region, And Segment Forecasts, 2025 - 2033

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## Abstracts

The Americas battery energy storage system market size was estimated at USD 39.27 billion in 2024 and is projected to reach USD 138.47 billion by 2033, growing at a CAGR of 14.5% from 2025 to 2033. Regional market growth is primarily driven by increasing renewable energy integration, grid modernization efforts, and government-backed incentives to promote clean energy infrastructure.

With a growing emphasis on decarbonization, Battery Energy Storage System (BESS) technologies have become central to stabilizing renewable power systems, supporting frequency regulation, and enhancing energy reliability. The rise of distributed energy resources (DERs) and electric vehicle (EV) adoption is further catalyzing demand, particularly as utilities and commercial players seek flexible, cost-efficient solutions for energy management.

In the United States, strong policy support, including the Inflation Reduction Act (IRA) and federal tax credits under the Investment Tax Credit (ITC), continues to bolster market growth. Utilities are deploying large-scale BESS systems to manage grid congestion, while residential and commercial adoption is rising amid frequent weather-related disruptions and peak load concerns. States such as California, Texas, and New York lead the country's storage capacity additions, supported by regional incentives and mandates for renewable integration. Continuous R&D investments in advanced chemistries, particularly lithium-ion and flow batteries, also expand system efficiency, energy density, and lifecycle performance, reinforcing the country's leadership in the

market.

Across Latin America, countries such as Brazil, Chile, and Mexico are witnessing rapid BESS adoption, primarily driven by renewable energy expansion and grid reliability initiatives. Brazil, with its vast hydropower base, is incorporating battery energy storage system to balance intermittent solar and wind inputs, while Chile is advancing hybrid solar-plus-storage projects in the Atacama region. Mexico's industrial sector increasingly deploys storage to reduce energy costs and ensure supply stability amid ongoing energy reforms. As governments and utilities across the region prioritize clean energy transitions and resilience improvements, the Latin American market is expected to grow steadily, contributing significantly to overall regional market expansion.

### Americas Battery Energy Storage System Market Report Segmentation

This report forecasts revenue growth at regional and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Americas battery energy storage system market report based on battery type, end use, and region:

#### Battery Type Outlook (Revenue, USD Million, 2021 - 2033)

Flywheel

Lead Acid

Lithium-Ion

Others

#### End Use Outlook (Revenue, USD Million, 2021 - 2033)

Telecommunication

Data Center

Medical

Industrial

Marine

Others

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Latin America

Brazil

Argentina

**This report can be delivered to the clients within 7 Business Days**

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