

PIENAAR ENERGY (PTY) LTD

**Energy storage battery market
price trend**



Overview

In 2025, the global average price of a turnkey battery energy storage system (BESS) is US\$117/kWh, according to the Energy Storage Systems Cost Survey 2025 from BloombergNEF (BNEF), published last week (10 December). That was a 31% decline from 2024 numbers. This battery storage update includes summary data and visualizations on the capacity of large-scale battery storage systems by region and ownership type, battery storage co-located systems, applications served by battery storage, battery storage installation costs, and small-scale battery storage. In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration systems. The projections are developed from an analysis of recent publications that include utility-scale storage costs. The suite of. The global battery market, particularly for lithium-ion batteries, is experiencing significant growth driven by increasing demand for electric vehicles, renewable energy storage, and high-performance consumer electronics 9. The residential segment will install 80% of this capacity as financial value streams open across the country, interest in backup power intensifies, and costs come down.

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This report is designed to help stakeholders across the energy storage ecosystem understand pricing trends, evaluate investment opportunities, and navigate an increasingly complex ...

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Asia Pacific dominated the battery energy storage market with a share of 34.29% in 2025. Battery energy storage or BESS is a modern energy storage solution that stores energy using ...



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Energy Storage Market Size, Growth, Share & Industry Trends

Cost breakthroughs in lithium-iron-phosphate batteries, long-duration storage mandates in China, and the U.S. Inflation Reduction Act's standalone storage investment tax credit are driving ...

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Cost Projections for Utility-Scale Battery Storage: 2025 Update

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2025 Battery Price Trends: Key Drivers & Future Projections



Despite temporary price increases due to supply chain disruptions and raw material cost hikes in previous years, the long-term trend for lithium-ion battery prices remains downward 1.

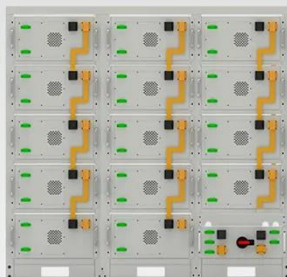
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Trend Analysis: Global Battery Storage

The global energy grid is undergoing its most profound transformation in a century, with massive batteries emerging as the linchpin for a stable, renewable-powered future. The market for ...



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Battery String-S224

- 1C Charge/Discharge
- Easy configuration and maintenance
- Power supply can be single battery string or parallel battery strings

Battery storage system prices continue to fall

Global average prices for battery storage systems fell by almost a third year-over-year, with sharp cost declines expected to continue.

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