

Market price of energy storage lithium battery



Overview

BloombergNEF's 2025 survey finds average lithium-ion pack prices dropped 8% to \$108/kWh, driven by LFP adoption, overcapacity, and competition. Stationary storage costs plunged 45%, EV packs averaged \$99/kWh, with China leading lowest prices. Capex of \$125/kWh means a levelised cost of storage of \$65/MWh³. With a \$65/MWh LCOS, shifting half of daily solar generation overnight adds just \$33/MWh to the cost of solar. This report provides the latest, real-world evidence on the cost of large, long-duration utility-scale Battery Energy Storage Systems (BESS). New York, December 9, 2025 – lithium-ion battery pack prices have dropped 8% since 2024 to a record low of \$108 per kilowatt-hour, according to latest analysis by research provider BloombergNEF (BNEF). Continued cell manufacturing overcapacity, intense competition and the ongoing shift to LFP. Global average prices for turnkey battery storage systems fell by almost a third year-over-year, with sharp cost declines expected to continue. The research firm published the 2025 edition of its annual Lithium-Ion Battery Price Survey yesterday (9 December). The global Battery Energy Storage System Market is projected to grow from USD 50.96 billion by 2030, at a CAGR of 15%. This accelerated growth is driven by the rapid deployment of renewable energy, increasing grid modernization initiatives, and the rising need for.



Article Content

Lithium-Ion Battery Pack Prices Fall to \$108 Per

New York, December 9, 2025 – lithium-ion battery pack prices have dropped 8% since 2024 to a record low of \$108 per kilowatt-hour, according to latest analysis

Battery storage system prices continue to fall sharply,

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

Lithium Price Forecast 2025–2026: Lithium Market Update & Price

The global lithium market update in late 2025 reflects a sector that has matured rapidly yet still carries the nascency of the lithium market in its volatility. Lithium is no longer just a raw material;

Lithium Price Forecast 2026 — Supply Risks Meet EV Demand Surge

The lithium price forecast 2026 highlights supply drivers and EV demand risks shaping the market. Investors must watch this turning point closely.

Lithium Battery Industry Update – May 2026: Expansion Wave, Price ...

The energy storage battery market continues to run hot. According to statistics, China's energy storage lithium battery shipments reached a staggering 215 GWh in Q1 2026, up 139% year

Thailand Energy Storage Market Trends 2026 JM Batteries

Thailand Energy Storage Market Trends: JM Batteries Insight Overview of Thailand's Energy Storage Market In the grand historical process of the global energy structure transitioning

Li-ion battery pack prices fell 8% since last year despite

Stationary energy storage, in fact, saw the most significant drop in price of any segment, with average battery pack prices found to be just

New Record Lows for Battery Prices | BloombergNEF

Lithium-ion battery prices dropped again in 2025, with average prices coming down 8% to \$108 per kilowatt-hour, according to BloombergNEF's

Global Lithium-Ion Battery Costs Fall 8% to \$108/kWh

Global lithium-ion battery prices continued their downward trajectory in 2025, with average pack costs falling 8% to \$108 per kilowatt-hour, according

BNEF: Lithium-ion battery pack prices fall to \$108/kWh, stationary ...

According to the latest analysis by BloombergNEF (BNEF), prices have fallen 8% since 2024 to \$108/kWh, making them 93% lower than in 2010.

2026 Energy storage outlook: major trends defining the industry

The first battery energy storage capacity auction is scheduled for April 2026, laying the institutional foundation for market mechanism development. South Korea: As a traditional lithium

Battery Energy Storage System Market Size, Share

To define, describe, and forecast the battery energy storage system (BESS) market in terms of battery type, energy capacity, ownership, connection type,

What's Driving Lithium Demand in 2025 and Beyond?

Here's how lithium demand in 2025 is driven by EVs, energy storage, policy shifts, supply risks, and digital procurement strategies.

Real Cost Behind Grid-Scale Battery Storage: 2024

Recent industry analysis reveals that lithium-ion battery storage systems now average €300-400 per kilowatt-hour installed, with projections

How Sodium-Ion Technology Is Disrupting the Global Battery Market

Market concentration 78.6% of the current sodium-ion market is stationary energy storage, while China holds 60%+ of the global market and 95%+ of installed and announced capacity

Lithium-Ion Battery Pack Prices Hit Record Low at \$108/kWh

BloombergNEF's 2025 survey finds average lithium-ion pack prices dropped 8% to \$108/kWh, driven by LFP adoption, overcapacity, and competition. Stationary storage costs plunged

Insights | BloombergNEF

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How cheap is battery storage?

The price of Lithium Iron Phosphate (LFP) battery cells for stationary energy storage applications has dropped to around \$40/kWh in Chinese domestic markets as of November 2025.

ETN News | Energy Storage News | Renewable Energy

ETN news is the leading magazine which covers latest energy storage news, renewable energy news, latest hydrogen news and much more. This magazine is

How cheap is battery storage?

Drawing on recent auction results from Saudi Arabia, India and Italy, along with in-depth interviews with project developers, suppliers and analysts across global markets, it captures the most

Lithium Market Size, Share, Price & Future Demand 2035

Lithium Market Research Report: By Application (Batteries, Glass and Ceramics, Lubricating Greases, Aluminum Production), By Product Type

Global lithium-ion battery pack prices fall to \$108/kWh, says BNEF

While the pace of price decreases has slowed, lithium-ion battery packs have reached a new record low in 2025. According to the latest analysis by BloombergNEF (BNEF), prices have

CEEC's 7 GWh battery storage cell procurement sees low end prices

China's latest large-scale battery energy storage cell procurement has established new pricing benchmarks for both $\geq 314\text{Ah}$ and $\geq 500\text{Ah}$ lithium iron phosphate (LFP) cells.

Energy storage boom strengthens demand outlook for

A boom in battery storage has bolstered the demand outlook for lithium in 2026, driving hopes for an accelerated turnaround for an industry

How BESS and Lithium Demand Are Shaping Energy

BESS demand drives lithium market tightness. Surge Battery Metals' Nevada project offers high-grade supply for U.S. energy storage growth.

Battery & Critical Minerals Intelligence | Benchmark

Current IOSCO-assured prices for lithium, cobalt, nickel, graphite & batteries.. Mine-to-grid supply chain intelligence & forecasts from the world's largest analyst

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