

# Average lithium ion storage price per 20MW in Bolivia

What factors affect the economic viability of lithium production in Bolivia?

The economic viability of lithium production in Bolivia depends on several factors, including market prices, production costs, and economies of scale. The volatility of lithium prices can make long-term planning and investment challenging, especially for a nation seeking to compete with established lithium producers like Australia and Chile.

How competitive is the lithium market in Bolivia?

The global lithium market is highly competitive, with established players dominating production and supply chains. Bolivia must compete with countries like Australia, Chile, and China, which have extensive experience and infrastructure in lithium production.

How much does a lithium battery cost in China?

Meanwhile, the stationary storage market has surged, with intense competition among cell and system suppliers, particularly in China. Regionally, the average prices of lithium battery packs were lower in China, at \$94 per kWh, while prices in the U.S. and Europe were 31% and 48% higher, respectively.

How much does a lithium ion battery cost?

The electric vehicle market, the primary driver for lithium-ion batteries, grew more slowly than in previous years but still showed the lowest price at \$97 per kWh. Meanwhile, the stationary storage market has surged, with intense competition among cell and system suppliers, particularly in China.

How much does a lithium battery cost in 2024?

In 2024, the average global prices of lithium-ion batteries dropped by 20%, reaching \$115 per kWh. For electric vehicle batteries, the price fell below \$100 per kWh. Why Are Lithium Battery Prices Falling?

Where is lithium found in Bolivia?

**Reserves of Lithium in Bolivia** Reserves: The Salar de Uyuni Bolivia's Salar de Uyuni is home to the world's largest known lithium reserves in Bolivia. It is estimated at around 9 million tons. This vast salt flat of over 10,000 square kilometers contains lithium-rich brine beneath its surface.

The battery storage technologies do not calculate LCOE or LCOS, so do not use financial assumptions. Therefore all parameters are the same for the R&D and Markets & Policies Financials cases. The 2023 ATB represents cost and ...

The 2021 ATB represents cost and performance for battery storage across a range of durations (2-10 hours). It represents lithium-ion batteries only at this time. There are a variety of other commercial and emerging energy storage ...



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