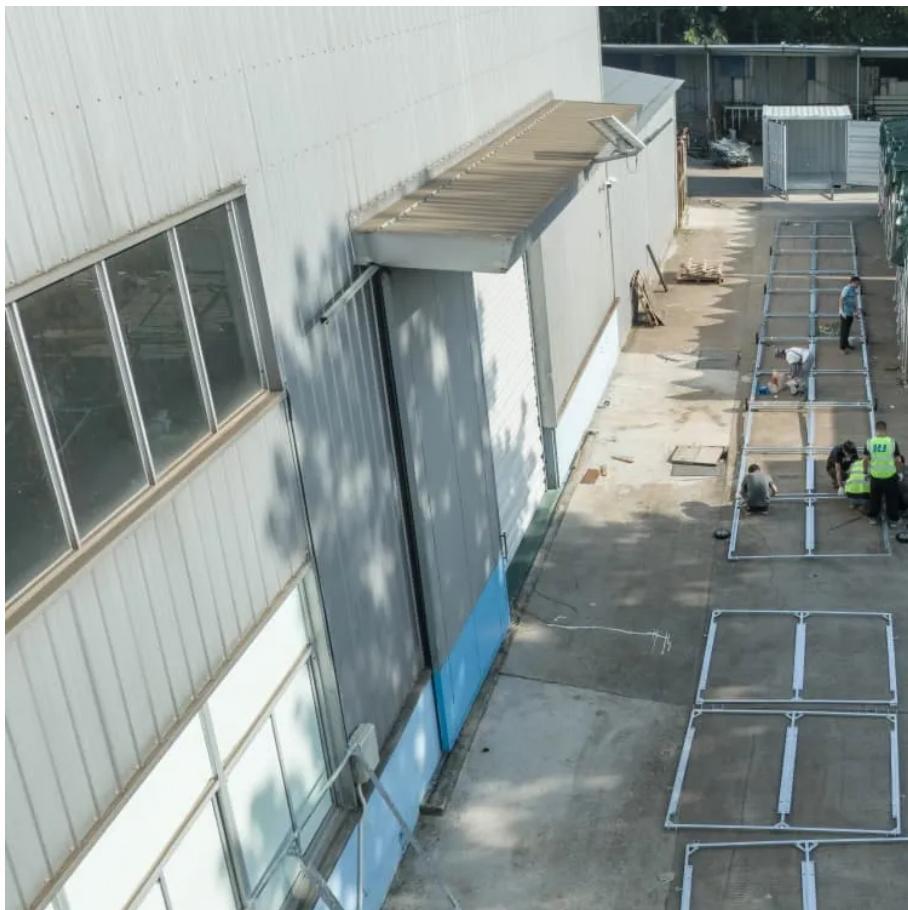




BUHLE POWER

Pack battery half price





Overview

How much does a battery pack cost in 2024?

The average price of a lithium-ion EV battery pack declined by 20% annually to \$115 per kilowatt-hour (kWh) in 2024, BNEF's survey found. While the IEA is more optimistic about battery pack prices falling below the \$100/kWh threshold, it couldn't ignore the Chinese dominance in battery production and its cheap battery packs.

How much does a battery pack cost?

BNEF's latest report finds that a complete battery pack costs \$137/kWh in 2020, will fall to \$101/kWh in 2023, and reach \$58/kWh in 2030. In comparison, the Draft Document contains older estimates showing battery pack prices of \$143/kWh in 2020, \$112/kWh in 2023, and \$70/kWh in 2030.

How much does a lithium battery cost in 2024?

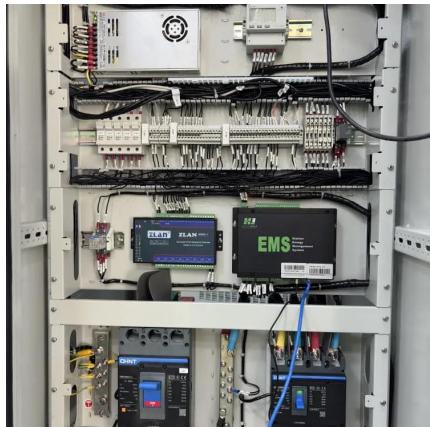
In 2024, the average global prices of lithium-ion batteries dropped by 20%, reaching \$115 per kWh. For electric vehicle batteries, the price fell below \$100 per kWh. [Why Are Lithium Battery Prices Falling?](#)

Are EV batteries price-competitive?

The global average price of an EV battery pack dropped below the \$100 per kilowatt-hour threshold, considered the milestone at which EVs are price-competitive with conventional cars, the International Energy Agency (IEA) said on Wednesday, but noted that China leads both in market share and low prices.



Pack battery half price



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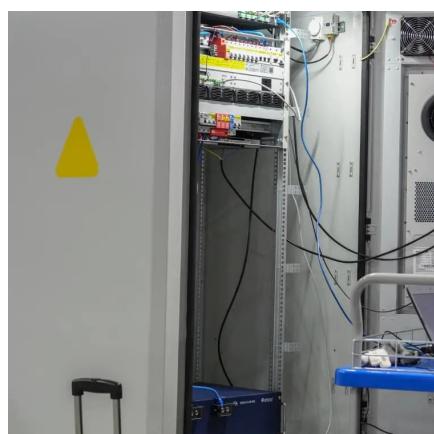
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