



New energy vehicle power battery pack price





Overview

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).

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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.

The Department of Energy's (DOE's) Vehicle Technologies Office estimates the cost of a electric vehicle lithium-ion battery pack for a light-duty vehicle declined 90% between 2008 and 2023 (using 2023 constant dollars). Subscribe to Fact of the Week The Department of Energy's (DOE's) Vehicle.

The cost of an electric car battery pack is a complex topic, influenced by several factors, including the type of battery chemistry, the size and capacity of the battery, the manufacturing process, and the economies of scale. In this section, we will explore these factors in more detail. The.



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[FOTW #1354, August 5, 2024: Electric Vehicle Battery Pack ...](#)

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Battery Packs: How Much Do They Cost for Homes and Electric ...

Battery packs for popular electric vehicle (EV) models typically cost between \$5,000 and \$20,000, depending on the vehicle model and battery capacity. The average cost ...



[Lithium-Ion Battery Costs Hit Record Low, Survey Says](#)

"Battery-electric vehicle (BEV) pack prices were \$128/kWh on a volume-weighted average basis in 2023," BNEF said. "At the cell level, average prices for BEVs were just ...



[Where are EV battery prices headed in 2025 and beyond?](#)

Get S& P Global Mobility's forecasts for EV battery cell prices through 2030. Lithium-ion (Li-ion) EV battery prices have decreased dramatically over the past few years, mainly due to the fall ...



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Falling battery pack prices and rising demand have ushered in a new phase of development of the global battery market, IEA technology and clean energy analysts wrote in ...



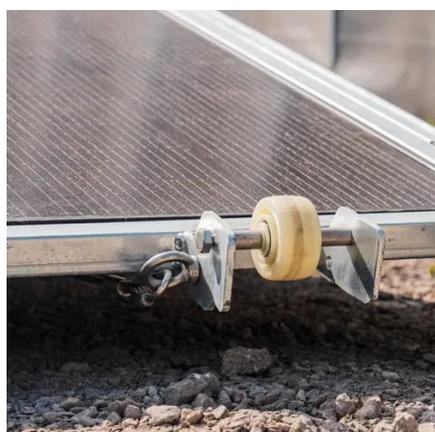
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The average price of lithium-ion battery packs has fallen ...



BNEF: Lithium-ion battery pack prices drop to record low of ...

Battery prices saw their biggest annual drop since 2017, with lithium-ion battery pack prices down by 20% from 2023 to a record low of \$115/kWh, according to analysis by ...



Electric Vehicle Battery Packs See Biggest Price Drop Since 2017



The average price of lithium-ion battery packs has fallen the most in seven years, according to a BloombergNEF survey, in a development likely to accelerate price parity ...



Estimated Cost of EV Batteries

The cost is based on a production volume of 100,000 batteries per year and is derived for batteries that are projected to meet DOE performance targets, including the 1,000 cycle life ...

[Battery Pack Prices Drop Below Key Threshold but ...](#)

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Lithium-Ion Battery Pack Prices Fall to \$108 Per Kilowatt-Hour, ...

Battery electric vehicles (BEVs) packs were the cheapest in the transport segment at \$99/kWh - the second year that they were below the \$100/kWh threshold. Average LFP ...

[How Much Is An Electric Car Battery Pack? Cost Breakdown](#)

The cost of an electric car battery pack varies depending on the type of battery chemistry, the size and capacity of the battery, and the manufacturer. On average, a lithium ...





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