

Title: Electric vehicles and batteries

Generated on: 2026-04-24 09:24:50

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Advances in EV batteries and battery management interrelate with government policies and user experiences closely. This article reviews the evolutions and challenges of (i) state-of-the-art ...

Major battery breakthroughs seemingly happen every day, but only some of that tech ever leaves the lab. WIRED breaks down what's actually ...

A clear, beginner-friendly guide explaining how EVs work, covering electric vehicle technology, EV batteries, electric motors, and charging systems ...

OverviewElectric vehicle battery typesBattery architecture and integrationSupply chainBattery costEV paritySpecificsResearch, development and innovationAn electric vehicle battery is a rechargeable battery used to power the electric motors of a battery electric vehicle (BEV) or hybrid electric vehicle (HEV). They are typically lithium-ion batteries that are designed for high power-to-weight ratio and energy density. Compared to liquid fuels, most current battery technologies have much lower specific energy. This increases the weight of vehicles or reduces their ra...

Learn about types of EV batteries, how they're made, and how they work. This article is the first in a series about EV batteries and the EV battery ...

In this article, we'll cover what an electric car battery is, how much capacity it has, how long it takes to charge one, how much it costs to charge, and what kind of ...

If you couldn't keep up with the battery news cycle this year, we don't blame you. These 10 stories paint a solid picture of what happened in the battery world in 2025--and where it's going next.

Demand for electric vehicles and the batteries that power them has never been hotter. In 2025, EVs made up over a quarter of new vehicle sales globally, up from less than 5% in 2020.



# Electric vehicles and batteries

Whether you're comparing vehicles or just curious about what powers them, this guide introduces the most common battery types found in ...

Electric-vehicle battery technology is moving fast, but what types of EV batteries are available today, and how do they differ?

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