



Which ev use blade batteries





Overview

Chongqing, China — On April 7, 2021, BYD, a leading global EV maker, officially announced that all of its pure electric vehicles will now come with the brand's ultra-safe Blade Batteries, with nail penetration testing fully adopted as a brand standard. This new iteration of its acclaimed Blade Battery is being hailed as a turning point in sustainable. The BYD blade battery is a lithium iron phosphate (LFP) battery for electric vehicles, designed and manufactured by FinDreams Battery, a subsidiary of Chinese manufacturing company BYD. [1][2][3] The blade battery was officially launched by BYD in 2020. BYD claims that compared with ternary lithium. In this buyer's guide, we will explore the key features to consider when choosing an EV with a blade battery, how to evaluate the total cost of ownership, and top EV models that feature blade batteries. In the global race toward electrification, China has surged ahead as the undisputed leader of the electric vehicle (EV) revolution. Set to hit the market in August 2024, this revolutionary battery technology represents a quantum leap over its predecessors and could fundamentally transform how we think about EV.



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[A Buyer's Guide to Electric Vehicles with Blade Batteries](#)

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[BYD Blade Battery \(incl. Gen II\): Everything you should ...](#)

In this article we take a look at the BYD Blade battery, including what has been reported about the second-generation Blade battery.



[BYD Blade 2.0: The Battery Changing the EV Landscape in 2025](#)

The BYD Blade Battery 2.0 features a significantly improved energy density of 190-210 Wh/kg. It supports 8C ultra-fast charging, allowing EVs to recharge from 10% to 80% in just 10 ...

BYD Blade battery

BYD claims that, in the nail penetration test, the blade battery emitted no smoke or fire after being penetrated, and its surface temperature reached only 30 to 60 °C (86 to 140 °F). The blade battery also passed other extreme test conditions, such as being crushed and bent, being heated in a furnace to 300 °C (572 °F), and being overcharged by



260%. None of these resulted in a fire or explosion. BYD claims that "EVs equipped with the blade battery would be far less susceptible to catching fire - ev...



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[BYD Announces all its Pure EVs Will now Come With Blade Batteries](#)

Chongqing, China -- On April 7, 2021, BYD, a leading global EV maker, officially announced that all of its pure electric vehicles will now come with the brand's ultra-safe Blade Batteries, with nail ...

BYD's Battery Revolution -- No Lithium, No Limits

The lithium-free Blade Battery is slated to appear in BYD's 2025 EV models, beginning with the Dolphin and the Qin Plus. BYD is also in talks to license the battery to other OEMs in Europe ...



BYD vs. Tesla: Who Wins the EV Battery Battle?

Researchers broke down BYD's LFP Blade battery and Tesla's cylindrical cells. This comprehensive comparison of the industry's two leading contenders may surprise you.



[BYD confirms next-gen Blade EV battery is](#)



coming with more range

BYD is currently the second largest global battery and EV manufacturer, behind CATL and Tesla, respectively. The batteries power not only BYD's vehicles but also EVs from other leading



BYD Blade battery

In July 2021, a BYD Han EV with blade batteries was crash-tested in China (car-to-car crash test) versus an Arcfox Alpha-S. About 48 hours after the test, the BYD Han was producing smoke and allegedly ...

BYD's Gen 2 Blade Battery Will Power Every Model from 2025

While the original Blade Battery was already impressive, the Gen 2 version delivers improvements across every critical metric that matters to consumers and manufacturers alike. Let's ...



The Blade That Cuts Ahead: Inside BYD's Battery Formula for ...

BYD's Blade Battery revolutionizes EVs with superior safety, high energy density, fast charging, and cost-effective lithium iron phosphate technology. In the global race toward ...



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