

China solid state battery car





Overview

Discover China's latest breakthroughs in solid-state battery technology for electric vehicles, including innovations from CATL, BYD, WeLion, and others that promise longer range, faster charging, and enhanced safety for the next generation of EVs.

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On February 15 at the second China All-Solid-State Battery Innovation and Development Summit Forum, Sun Huajun – CTO of the Shenzhen BYD Lithium Battery Co., Ltd., revealed that BYD has rolled off 60Ah all-solid-state batteries from the pilot production line in 2024. The company will start mass.

A leading Chinese EV maker that achieved several breakthroughs in solid-state battery tech has now confirmed to adopt it for large-scale EV manufacturing. BYD is in the process of launching its EV powered by all-solid-state batteries (SSBs). Such SSBs feature solid electrolytes instead of liquid.

Accelerated efforts of both the Chinese government and the private sector are expected to lead to installation of all-solid-state batteries in electric vehicles by 2027 nationwide and mass production of such batteries by 2030 at the latest, said automotive industry insiders. In China.

BYD expects its first EVs powered by all-solid-state batteries will arrive in 2027. Although the Chinese EV giant has already achieved several breakthroughs with the new battery tech, it could still be a few years before it reaches large-scale adoption. Here's when BYD expects that to happen. When.

China's SAIC MG has launched the MG4 Anxin, the world's first semi-solid-state battery EV for under \$15,000. The car offers long range, fast charging, and advanced driver-assist features. It quickly received thousands of pre-orders, showing high demand. This launch highlights China's lead in.



China already leads the battery industry and is now looking to establish itself as a juggernaut of solid-state batteries, creating a massive consortium of major battery manufacturers, researchers, and government officials. The consortium, dubbed the China All-Solid-State Battery Collaborative.



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BYD will start mass installation of all-solid-state batteries around

CASIP was jointly established by battery giants such as CATL and BYD in January 2024, committed to promoting the academic and industrial development of all-solid ...

Chinese EV brand launching solid-state batteries with ...

It has announced it will launch all-solid-state batteries (ASSBs) in vehicles under its Hyper brand in 2026, and claims these large-capacity batteries will boast ultra-high energy density and safety.



All-solid-state batteries rise in China's EV field

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China shocks auto world with \$15,000 EV using game-changing semi-solid

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fast charging, and advanced driver ...



China Forms Solid-State Battery Consortium With CATL, BYD, ...

These firms represent six of the 10 top automotive battery makers globally and other unspecified state-owned Chinese automakers will also be involved.



China's Chery to mass-produce all-solid-state batteries in 2027

Chinese automaker Chery Auto is planning to launch a pilot testing scheme for its all-solid-state batteries in 2026, and mass produce them in 2027, in an effort to boost EV ...



[China Forms Solid-State Battery Consortium With ...](#)

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Chinese automaker Chery Auto is planning to launch a pilot testing scheme for its all-solid-state batteries in 2026, and mass produce them in 2027, in an effort to boost EV range to 1,500 kilometers (932 miles) on a single ...



China's Solid-State Battery Revolution: Powering the Future of ...

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Chinese EV brand launching solid-state batteries with 1000km range

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China's EV giant to mass produce solid-state batteries ...

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[This Chinese EV Could Be World's First Mass ...](#)

The EV company claimed on microblogging platform Weibo that its Zhiji L6 sedan will be the world's first mass-produced EV equipped with an ultra-fast solid-state battery.



[BYD confirms plans for EVs with all-solid-state ...](#)

According to Sun, BYD expects its first EVs with all-solid-state batteries to arrive in 2027. The first two years, between 2027 and 2029, will serve as a demonstration phase with limited



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