

Toyota solid state battery release





Overview

Toyota has moved its focus to bringing solid-state batteries into mass production and ready for commercial use by 2027 or 2028. Toyota's first solid-state battery is expected to offer a 621-mile driving range with an 80 percent fast charging time of just around 10 minutes.

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Last September, Toyota announced plans for their improved lithium-ion batteries, as well as a "breakthrough" in solid-state battery technology. It's notable, because the company had been resisting its transition to electric vehicles (EVs), focusing instead on hybrids and vehicles powered by.

The Japanese automaker says it has found a new material that will help commercialize the elusive, long-awaited solid state battery, but it's light on details. The Lexus RZ (Credit: Toyota) Toyota says it has found a technological breakthrough that will allow it to bring solid state batteries to.

Toyota Motor Corporation (Toyota) announced today that the development and production plans for its next-generation batteries (performance version) and all-solid-state batteries were certified by the Ministry of Economy, Trade and Industry (METI) as part of the Japanese government's "Supply.

By reportedly solving this manufacturing puzzle, Toyota has not just announced a new battery. They have announced the beginning of the end for the internal combustion engine. They have vaporized the final, most stubborn arguments against going electric—range anxiety and long charge times. We are.

The company claims its solid-state batteries will offer a range of up to 745 miles on a single charge and can be fast-charged in 10 minutes or less. Toyota is also working on other battery technologies with improved performance and cost efficiency, aiming to have solid-state batteries on the road.



Toyota confirms 750 mi range solid-state EV battery plans to catch up to Tesla, but when?

Toyota confirmed plans to launch solid-state EV batteries with 10-minute fast charging and up to 750 miles (1,200 km) WLTP range to close the gap with Tesla. However, with the new EV battery tech still a few.



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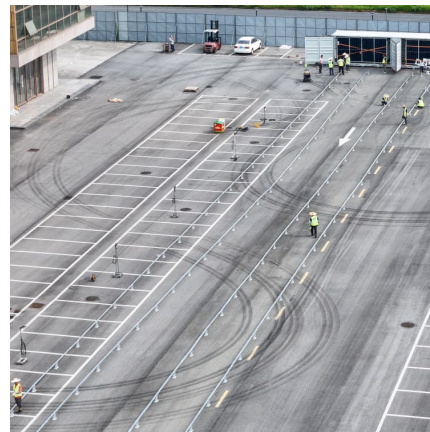


[Toyota Touts Solid State EVs With 932-Mile Range, ...](#)

Toyota says its breakthrough batteries will hit the market in 2027 or 2028, giving its EVs 745 miles of range--significantly greater than any gas-powered car today--with 10-minute charging times.

[Toyota Solid-State Battery Cars: 2025 Rollout Plan](#)

In a monumental leap toward the future of electric mobility, Toyota is preparing to redefine the industry with the rollout of its solid-state battery electric vehicles (EVs) starting in 2025.



[Toyota's Next-Generation BEV Battery Development ...](#)

By advancing battery development and production in Japan, Toyota aims to contribute to the further development of the industry and the strengthening of the production infrastructure of batteries.

Toyota's Solid-State Battery: The 1,200km Breakthrough Explained

Is this the end of range anxiety? Toyota announces a solid-state battery breakthrough with a 1,200km range & 10-min charge. Our



deep-dive explains the tech & ...



[Toyota to launch solid-state battery production by 2026](#)

Toyota is set to become one of the first automakers to introduce a passenger vehicle powered by solid-state batteries, a breakthrough that could significantly enhance ...



Toyota's 745-Mile Solid-State Battery Breakthrough, Explained

In recent years, Toyota has claimed that it will have solid-state batteries on the road in 2027. As the expected date nears, Toyota is getting tantalizingly closer to living up to ...



[Toyota's Breakthrough in Solid-State Batteries](#)

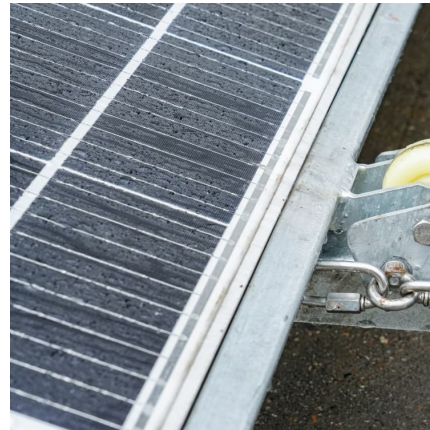
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[Toyota inches closer to solid-state battery production](#)

The race for the ultimate electric vehicle battery is heating up, and Toyota just took a significant step forward. The Japanese automotive giant has received a resounding nod ...



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[Toyota's Breakthrough in Solid-State Batteries](#)

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[Toyota to launch solid-state battery production by 2026](#)

Toyota is set to become one of the first automakers to introduce a passenger vehicle powered by solid-state batteries, a breakthrough that could significantly enhance electric vehicle (EV) performance.



Toyota Announces Breakthrough with Solid-State Batteries

Toyota expects to release hybrid vehicles with solid-state batteries in 2025. The automaker plans to release fully-electric vehicles with solid-state batteries in 2027.

Toyota's Next-Generation BEV Battery Development and ...

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The race for the ultimate electric vehicle battery is heating up, and Toyota just took a significant step forward. The Japanese automotive giant has received a resounding nod from its government, greenlighting the ...



[Toyota Announces Breakthrough with Solid-State](#)

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