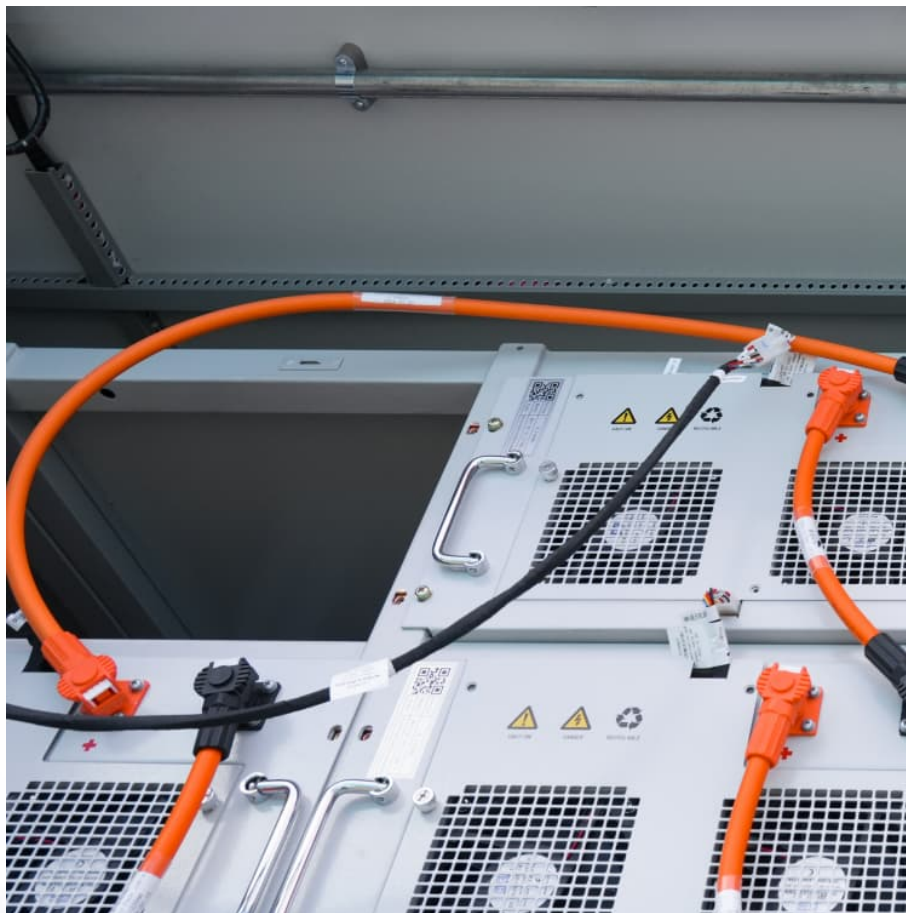


Toyota solid state battery release date





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.

An EV prototype revealed in 2023 expected to be powered by solid-state batteries. Imagine an electric vehicle, powered by a new solid-state battery, that could travel nearly 750 miles on one charge, last 30 years and fully recharge in under 10 minutes. Could this be the Holy Grail of EV.

Toyota says it has found a technological breakthrough that will allow it to bring solid state batteries to market as early as 2027. It's one of several advanced battery technologies that will underscore the brand's new EV focus as it pivots away from its former CEO's hybrid-centric strategy. Solid.

While initially limited, Toyota's production plans will gradually expand through 2027 and 2028. 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 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 years out, Toyota could fall further behind. Toyota has been teasing solid-state EV battery.



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. After decades of dominance in hybrid technologies and a cautious entry into the full-electric segment, the. When will Toyota introduce solid-state batteries?

Beyond that, Toyota confirms plans to introduce solid-state batteries as soon as 2027, although we note that the date has already slipped from the 2025 that was being quoted last year.

Will Toyota develop solid-state EV batteries?

Toyota has been teasing solid-state EV battery tech for several years now. After discovering a “technological breakthrough” in June, Toyota said it was accelerating development. In October, Toyota and Japanese oil giant Idemitsu Kosan announced they would develop and build solid-state EV batteries.

Will Toyota introduce solid-state batteries in 2027?

Toyota is aiming to introduce solid-state batteries in 2027, which will be capable of ultra-fast 10 minute recharge times from 10 to 80 percent state of charge. Toyota recently announced it had passed the benchmark of having built more than 300 million cars since the company was founded 88 years ago.

Is Toyota working on solid-state battery technology?

Finally, Toyota is also working on solid-state battery technology — still the holy grail of battery developers. Even with a few claimed breakthroughs by a number of tech startups, solid-state batteries aren't expected to arrive until the second half of the decade in a best-case scenario, by most estimates.

When will Toyota EV batteries come out?

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. Get Our Best Stories! Sign up for our What's New Now newsletter to receive the latest news, best new products, and expert advice from the editors of PCMag.

When will solid-state battery technology come out?

Now, Toyota plans to introduce them in 2027/2028, with mass production



coming after 2030. By then, several companies will have already rolled out the tech. Volkswagen, Hyundai, Nissan, BMW, and others are also working to release solid-state battery tech.



Toyota solid state battery release date



[Here's When We'll See Toyota Solid-State Batteries](#)

The Japanese automaker plans to introduce solid-state batteries to its vehicles in the 2027-'28 timeframe, predicting a fast-charging time of 10 minutes or less.

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

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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 & ...

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

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Toyota Lays Out Its EV Battery Road Map, Including a Solid-State

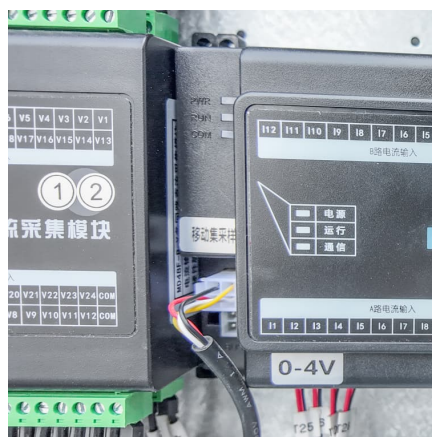
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Toyota confirms solid-state EV battery plans with 750 ...

Although Toyota claims its solid-state batteries could be a "potential game-changer for BEVs," they are not expected to launch until 2027 (at the earliest).

[New Record-Breaking EV In Pipeline With 745 Miles ...](#)

As an integral part of its decarbonization strategy, Toyota says that its new solid-state batteries could be offered in its next-gen EVs as early as 2027.



Toyota Touts Solid State EVs With 932-Mile Range, 10-Minute

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