



Toyota solid-state battery release date

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 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.

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.

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.

Does Toyota have a solid state battery?

Toyota is one of many automakers trying to commercialize solid state batteries. In November 2022, Honda announced a new polymer fabric that would get around the longevity problem. It plans to release an EV with a solid state battery by the end of the decade.

When will a solid-state battery be available for commercial use?

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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We are developing solid-state batteries with a solid electrolyte that are suitable for fast charging and discharging, delivering more power in a smaller form. To date, the compromise was an expected shorter battery life. We now achieved ...



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