

## Macro Roundup Article

**Headline:** [Toyota Nears Mass Production of Solid-State Batteries](#)

**Article Link:** <https://www.ft.com/content/6224f235-568c-4e2f-8247-e7dacf0ef20c>

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**Tweet:** Toyota plans to mass-produce solid-state batteries by 2027, allowing EVs to charge in 10 minutes or less and have ranges of up to 750 miles.

**Summary:** Toyota says it is close to being able to manufacture next-generation solid-state batteries at the same rate as existing batteries for electric vehicles, marking a milestone in the global race to commercialise the technology. Its headway in manufacturing technology follows a “breakthrough” in battery materials recently claimed by the world’s largest carmaker by vehicles sold. It would allow Toyota to mass-produce solid-state batteries by 2027 or 2028. Solid-state batteries have long been heralded by industry experts as a potential “game-changer” that could address EV battery concerns such as charging time, capacity, and the risk of catching fire. If successful, Toyota expects its electric cars powered by solid-state batteries to have a range of 1,200km — more than twice the range of its current EVs — and a charging time of 10 minutes or less.

**Related Articles:** Toyota Says Solid-State Battery Breakthrough Can Halve Cost And Size and Your Next Electric Vehicle Could Be Made in China and China Set to Overtake Japan as World’s Biggest Car Exporter

**Primary Topic:** Innovation/Research

**Topics:** Innovation/Research, News article, Productivity

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