



# Toyota new solid state battery





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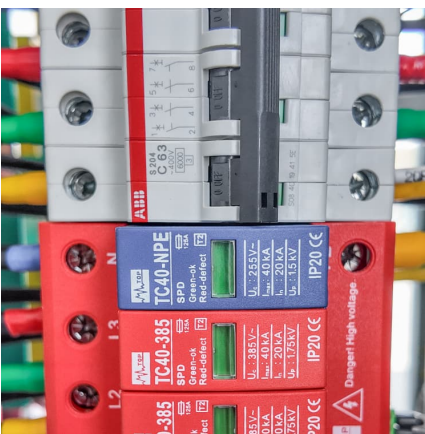


### Toyota's battery technology roadmap to change the future of cars

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 ...

### New Record-Breaking EV In Pipeline With 745 Miles Of Range

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 Solid-State Battery: The Next Big Thing for ...](#)

According to a report published in Jan 2025, researchers, in collaboration with Toyota, found that using a new type of cathode material, copper nitride (Cu<sub>3</sub>N), for all-solid-state fluoride-ion batteries (FIBs), could increase the EV range by ...

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

2 ???· 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 ...



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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 & ...



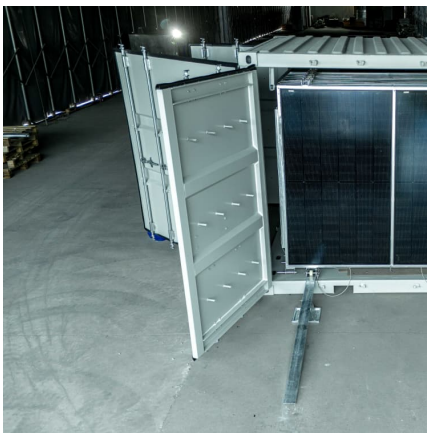
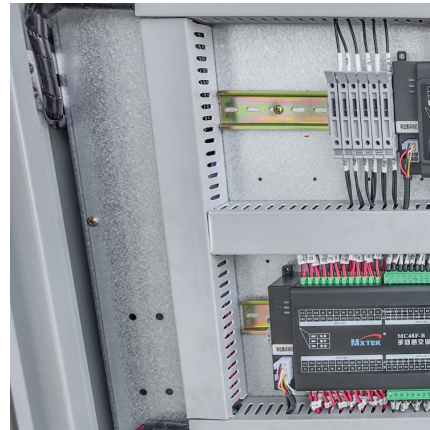
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2 ???· Toyota has moved its focus to bringing solid-state batteries into mass production and ready for commercial use by 2027 or 2028. Toyota's first solid-state battery is expected to offer a 621-mile driving range with an 80 percent ...



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

The 2025 rollout of Toyota's solid-state battery vehicles represents more than just a new product--it signals a paradigm shift in electric mobility. By solving key EV pain points and ...



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

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 ...



### Toyota's Secret Weapon: The 745-Mile Solid-State Battery That ...

Toyota is preparing to expand its dominance from hybrids to EVs, and here's how its solid-state batteries could play a major role.



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

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

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### [Toyota sets out advanced battery technology roadmap](#)

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