



# Mullen automotive solid state battery

Does Mullen have a solid-state battery?

According to Mullen Automotive, its latest solid-state battery development and testing phase began in January when the EV automaker installed an energy-dense pack in one of its electric vans. The initial tests measured the system compatibility between the pack of solid-state cells and the vehicle itself.

What is Mullen's next-generation solid-state polymer battery technology?

BREA, Calif., Feb. 28, 2022- via InvestorWire - Mullen Automotive, Inc. (NASDAQ: MULN) ("Mullen" or the "Company"), an emerging electric vehicle ("EV") manufacturer, announces an update on Mullen's next-generation solid-state polymer battery technology, which is a significant advancement over today's current lithium-ion batteries.

Will Mullen 5 eV crossover use solid-state polymer battery packs?

Mullen is working towards utilizing solid-state polymer battery packs in its second generation Mullen FIVE EV Crossovers, with in-vehicle prototype testing set for 2025. Mullen's first-generation FIVE EV Crossover, due in late 2024, is planned to launch with traditional lithium-ion cell chemistry.

What is a Mullen EV battery?

Mullen's ultimate goal is to deliver EV batteries that will surpass today's existing lithium-ion technology and offer a host of benefits such as increased efficiency, energy density, and range while also lowering the cost, weight, thermal and environmental risks.

How far can a Mullen battery go?

Mullen on Monday said it is developing a solid-state battery cell that could deliver a range of more than 600 miles from a battery pack with a 150-kilowatt-hour capacity. DC fast charging would also enable 300 miles of range to be added in just 18 minutes, the company said. It's still early days, though.

Are solid-state batteries a new technology?

While solid-state batteries aren't a new technology, hurdles remain when it comes to automotive applications, particularly manufacturing the batteries at the scale and durability required for cars. Mullen's Five crossover due in 2024 will arrive with current liquid-type battery technology.



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