



# Volkswagen solid state battery investment

Does Volkswagen have solid-state battery technology?

Volkswagen has signed a deal to mass-produce solid-state battery technology for its future lineup of electric vehicles. The technology comes from California-based battery company QuantumScape, which will license its formula to PowerCo, Volkswagen's internal battery division.

Where does Volkswagen's battery technology come from?

The technology comes from California-based battery company QuantumScape, which will license its formula to PowerCo, Volkswagen's internal battery division. The two will then work together to finalize a "product that will be scaled-up for integration in a Volkswagen Group vehicle series," QuantumScape says.

Are Volkswagen batteries ready for mass production?

The batteries aren't quite ready for mass production and still require further testing. Volkswagen can only turn on the production line upon "satisfactory technical progress" and a \$130 million prepayment of royalties to QuantumScape.

Are solid-state batteries the future?

Solid-state batteries could also bring much higher electric range, faster charging, and improved safety. "We have been collaborating and testing QuantumScape prototype cells for years now and we are looking forward to bringing this technology of the future into series production," says PowerCo CEO Frank Blome.

Could new battery technology accelerate Volkswagen EV sales?

New battery technology, combined with a recently announced software partnership with Rivian, could be what Volkswagen needs to accelerate its EV sales, which flattened in Q2, according to InsideEVs, although plug-in hybrid vehicle sales were up 17%. Faster Charging and Increased Range?

Does Volkswagen Group have a planned battery plant?

Add VW Group's planned battery plant, and you may have several more models available to US customers that qualify for credits (pending MSRP of course). We'd expect the next update in Volkswagen Group's search process to include the location of the pending battery plant, and Canada appears to now be the frontrunner.

The Volkswagen Group is going full steam forward with the development and commercialization of next-generation solid-state batteries for electric vehicles.

Volkswagen has reaffirmed its commitment to next-generation battery technology by significantly increasing its investment in solid-state battery.



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In a bold step towards revolutionising electric mobility, German automaker Volkswagen has significantly expanded its investment in solid-state battery technology through ...

A new agreement between VW-backed PowerCo and QuantumScape could finally bring the next-gen battery tech to market for higher electric range, faster charging, and improved safety.

Volkswagen is teaming up with battery developer QuantumScape to start mass-producing all-solid-state batteries (ASSBs) as it looks to ramp up the evolution of its EVs.

The Volkswagen Group is increasing its stake in QuantumScape and making an additional investment of up to \$200 million in the U.S. battery specialist. The goal is to drive forward the ...

The Volkswagen Group is increasing its interest and investment in solid-state batteries, one of the most important technologies that could change the entire electric car ...

The Volkswagen Group is increasing its interest and investment in solid-state batteries, one of the most important technologies that could change the entire electric car industry.

Volkswagen Group's battery company PowerCo and QuantumScape (NYSE: QS) today announced they have entered into a groundbreaking agreement to industrialize ...

A new agreement between VW-backed PowerCo and QuantumScape could finally bring the next-gen battery tech to market for higher electric range, faster charging, and ...

Eager to put these advanced batteries in future VW models, PowerCo is investing \$131 million to accelerate the development of a QSE-5 battery pilot line, marking a ...

The development deal signed in 2018 envisaged solid-state batteries powering Volkswagen EVs by 2025, enabling the e-Golf to more than double its range to 750 kilometers.



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