

Solid state battery maker QuantumScape is set to receive the first payments in a new deal with Volkswagen as it burns cash in the development of its lithium metal battery cells.

The VW battery subsidiary and QuantumScape know each other well. They have had a joint venture since mid-2018, which will now be replaced by the new agreement. At the beginning of the year, PowerCo confirmed ...

The U.S. company QuantumScape has recently reached an important milestone, which was now confirmed by PowerCo: its solid-state cell has significantly exceeded the requirements in the A-sample test and ...

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 ...

Significant Progress for Gotion's "Jinshi" All-Solid-State Battery! At its 2025 Global Technology Conference held on May 16-17, Gotion High-Tech announced major advancements for its highly anticipated "Jinshi" all-solid ...

VW's solid-state battery could go 500,000 km with no range loss The new tech is still only in the development stages, but the impact it could have on EV batteries looks promising

Chinese battery maker Gotion High-Tech said on May 17 it has started pilot production and achieved self-reliance for all-solid-state batteries at its Hefei manufacturing facility with made-in ...

Will VW's unified battery cell format bring a range boost for the ID.Buzz or ID.4? It's too early to say for sure, but it means simpler, cheaper EVs.

Wolfsburg/San Jose (USA). The Volkswagen Group is increasing its stake in QuantumScape and making an additional investment of up to US\$200 million in the US battery ...

Partially owned by VW, QS is one of the significant developers of a solid-state battery with demonstrated fast-charging capability and high energy density. Tested by PCo, the QS 24-layer A0 battery prototypes (Fig 1) endured ...

No More EV Battery Replacements? VW's Solid State Cell Holds Up for 300K Miles EV batteries tend to lose range capacity over their lifetime, but Volkswagen-backed startup PowerCo says it tested ...

The solid-state battery entered production by a VW subsidiary just when BMW started testing an i7 with



Solid state battery vw

solid-state cells. It boasts over 500 Wh/kg energy density, or double what the Tesla 4680 ...

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

Tech Volkswagen-backed company announces next-gen EV battery with outstanding range: "This ultimate battery is finally within reach" The pilot line is a strong ...

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.

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 ...

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.

During QuantumScape's tenure in solid-state battery development, Volkswagen Group has been a partner from early on and remains one of the startup's largest investors.

Volkswagen boosts solid-state battery development with PowerCo and QuantumScape to enhance EV performance and sustainability.

Volkswagen's battery startup, PowerCo SE, recently subjected a solid-state battery from QuantumScape to more than 1,000 charging cycles and the results were very ...

VW Group reveals results of tests of QuantumScape's solid-state battery cells, with cells showing 95% capacity over 1000 charging cycles.

Significant Progress for Gotion's "Jinshi" All-Solid-State Battery! At its 2025 Global Technology Conference held on May 16-17, Gotion High-Tech announced major ...

To build future Volkswagen electric vehicles that travel further, charge faster, and operate safer than EVs powered by traditional lithium-ion batteries, the German ...

It's been a long nine years, but QuantumScape's new solid state battery for EVs just passed a major milestone on the way to commercialization.

Volkswagen's PowerCo and QuantumScape face challenges in the quest to mass-produce solid-state batteries. Solid-state battery technology is poised to revolutionize the green energy storage landscape, particularly in the ...

Solid state battery vw

Companies join forces to advance world-leading lithium-metal technology toward mass-manufacturing for passenger electric vehicles Volkswagen Group's battery company PowerCo and QuantumScape (NYSE: ...

QuantumScape Corporation (NYSE: QS), a global leader in next-generation solid-state lithium-metal battery technology, today announced it is expanding the strategic ...

PowerCo confirms results: QuantumScape's solid-state cell passes first endurance test Requirements exceeded: Solid-state battery from QuantumScape achieved more than 1,000 ...

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.

VW has been trying to develop solid-state EV batteries with US startup QuantumScape for years, but now Reuters reports that it is in talks with France's Blue Solutions.

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. Their company PowerCo decided to invest an ...

Volkswagen subsidiary PowerCo lands battery tech licensing deal QuantumScape says its solid state battery technology can allow an EV to travel up to 500,000 kilometers (roughly 311,000 miles) without any noticeable ...

SALZGITTER, Germany & SAN JOSE, Calif. -- July 11, 2024 -- Volkswagen Group's battery company PowerCo and QuantumScape (NYSE: QS) today announced they ...

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