

What is a Powerco & QuantumScape deal?

In San Jose, Calif. The deal consists of two major elements. First, it creates a dedicated and co-located team of experts from PowerCo and QuantumScape that will collaborate to industrialize our solid-state lithium-metal battery technology. The second component is a non-exclusive technology license.

Is Volkswagen partnering with QuantumScape?

SALZGITTER, Germany & SAN JOSE, Calif.-- (BUSINESS WIRE)-- Volkswagen Group's battery company PowerCo and QuantumScape (NYSE: QS) today announced they have entered into a groundbreaking agreement to industrialize QuantumScape's next-generation solid-state lithium-metal battery technology.

Who is the CEO of QuantumScape?

Frank Blome, CEO of PowerCo, Jagdeep Singh, Co-founder & Chairman of QuantumScape, Dr. Siva Sivaram, CEO & President of QuantumScape, and Thomas Schmall, Volkswagen Group Board Member for Technology (Photo: Business Wire) PowerCo and Volkswagen Group leaders tour QuantumScape labs in San Jose, Calif. (Photo: Business Wire)

What is QuantumScape technology?

QuantumScape's technology platform is based on the company's proprietary solid-state ceramic separator, which enables the use of a pure lithium-metal anode - a transformative innovation that is designed for exceptional energy and power density, fast charging and a robust safety profile.

The goal of the partnership is to combine QuantumScape's technology with PowerCo's industrialization expertise. The companies see the agreement as the fastest route to volume production of solid-state cells at the gigawatt-hour scale.

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In the race to achieve net-zero emissions, advanced energy storage technologies are emerging as a game-changer, transforming how various sectors harness renewable power, says GlobalData, a leading data and analytics company. The latest breakthroughs, ranging from sodium-ion batteries that slash costs and improve safety to ultra-fast charging technologies, are driving the industry forward.

PowerCo and QuantumScape have entered a landmark agreement to industrialize QuantumScape's solid-state lithium-metal battery technology for electric vehicles. The agreement allows PowerCo to manufacture up to 40 gigawatt-hours annually, with potential expansion to 80 GWh. This partnership aims to accelerate the mass production of solid-state batteries.

production of advanced ...

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transfer to PowerCo will be helpful for ensuring the success of such projects. Please refer to our Current Report on Form 8-K for more details on the agreement. ?This figure assumes an average gross pack energy of 80 kWh per vehicle. PowerCo and Volkswagen Group leaders tour QuantumScape labs in San Jose, Calif.

PowerCo????Frank Blome??"QuantumScape?????????????,?PowerCo????????????????????????????????????

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QuantumScape first reported on the results as part of their Q3 2023 shareholder letter. Jagdeep Singh, Founder & CEO of QuantumScape, said: These results from the Volkswagen Group's PowerCo testing make clear that QuantumScape's anodeless solid-state lithium-metal cells are capable of exceptional performance.

Das US-Unternehmen QuantumScape hat k&#252;rzlich einen wichtigen Meilenstein genommen, der nun von der PowerCo best&#228;tigt wurde: Seine Feststoffzelle hat im A-Muster-Test die Anforderungen deutlich &#252;bertroffen und mehr als 1.000 Ladezyklen erfolgreich absolviert. Das entspricht bei einem Elektroauto mit 500-600 Kilometern WLTP-Reichweite rein ...

Volkswagen Group's battery company PowerCo and QuantumScape (NYSE: QS) today announced they have entered into a groundbreaking agreement to industrialize QuantumScape's next-generation solid-state lithium-metal battery technology. Upon satisfactory technical progress and certain royalty payments, QuantumScape will grant PowerCo the ...

Zusammenarbeit mit PowerCo als unserem ersten Kunden wird dazu beitragen, die Kommerzialisierung und Markteinf&#252;hrung dieser bahnbrechenden Batterien zu beschleunigen." Im Hinblick auf die n&#228;chste Phase der Zusammenarbeit zwischen PowerCo SE und QuantumScape hat Frank Blome sein Vorstandsmandat bei QuantumScape niedergelegt.

Im Hinblick auf die n&#228;chste Phase der Zusammenarbeit zwischen PowerCo SE und QuantumScape hat Blome sein Vorstandsmandat bei QuantumScape niedergelegt. Er war seit 2020 als einer von zwei Vertretern des Volkswagen-Konzerns im Vorstand von QuantumScape t&#228;tig. Der Autobauer bleibt gr&#246;&#223;ter Anteilseigner von QuantumScape.

Volkswagen Group's battery company, PowerCo, and battery manufacturer QuantumScape have agreed to

industrialize QuantumScape's next-generation solid-state lithium-metal battery technology. This partnership aims to advance the technology toward mass manufacturing for passenger electric vehicles (EVs).

PowerCo and QuantumScape have entered into a landmark agreement to industrialize QuantumScape's advanced solid-state lithium-metal battery technology for mass production. This partnership aims to meet the growing global demand for superior electric vehicle batteries. Key Highlights:

For example, in the automotive world, Volkswagen subsidiary PowerCo's partnership with QuantumScape has led to solid-state battery prototypes that could extend EV ranges up to 500,000km, setting new standards for durability and ...

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