

What is Sila's next-gen silicon anode battery technology?

The market launch of Sila's next-gen silicon anode battery technology is a critical stepping stone to the advanced electrification of everything--from mobile, to electric vehicles, and the power grid. And Sila has the vision, persistence, and the chemistry to get us there.

Will Sila make a EV battery?

Just a mile from the Sila factory, Group14 Technologies has broken ground on a new factory that will make a similar silicone powder for Porsche, which led a \$614 million funding round in Group14 last year. That factory is expected to begin operations in 2024 and produce enough of its SCC55 anode powder to make batteries for 200,000 EVs annually.

Does Sila sell Titan silicon?

In April 2023, the company announced the availability of Titan Silicon, its first anode product. In December 2023, Sila announced that it would supply Titan Silicon to Panasonic. It is building a factory in Moses Lake, Washington.

Is Sila a good company?

"We have observed Sila's steady execution since we first invested in the company in 2021," said Joseph Fath, portfolio manager at T. Rowe Price Associates, Inc. "With its disciplined focus on manufacturing and quality, we believe Sila has the persistence and durability to meet future global demand and be a market leader for the long haul."

Will Sila Moses Lake be a national hub for advanced batteries?

"The Sila Moses Lake plant will further solidify this region as a national hub for advanced batteries and the innovation of clean energy technologies," said Washington Sen. Maria Cantwell in a video shared at the event Wednesday.

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Our Battery Engineering Services can help you break that battery barrier. From concept to launch, our experts work with you and your cell supplier to enable advanced, highly optimized battery performance to achieve your biggest product ambitions.

ALAMEDA, Calif., June 27, 2024--(BUSINESS WIRE)--Sila, a next-generation battery materials company, announces it has raised \$375 million in a close of its Series G round led by existing...

Sila Nanotechnologies, Inc. is an American battery manufacturer that produces lithium-silicon batteries using nanoengineered silicon particles. The company creates battery materials to replace traditional graphite anodes with a silicon-dominant composite material, in order to increase energy density. The company is building a factory in Moses Lake in Washington state.

Next-generation battery materials startup Sila broke ground on Wednesday on its first automotive-scale manufacturing facility located in Moses Lake, Wash. The news may sound familiar.

6 ???· Sila, a next-generation battery materials company, has launched new Battery Engineering Services to support the transition to advanced anode materials in consumer ...

Next-generation battery materials from Sila deliver nearly 20 percent more energy density, marking the most significant battery chemistry innovation to come to market since the ...

6 ???· Sila, a next-generation battery materials company, has launched new Battery Engineering Services to support the transition to advanced anode materials in consumer electronics and micromobility. Expanding on the success of its Titan Silicon technology--which can substitute 100% of graphite in anodes--Sila seeks to meet needs for smaller sizes ...

Gene Berdichevsky, Tesla Motor's seventh engineer, knew that Georgia Institute of Technology professor Gleb Yushin's nano-composite silicon would revolutionize EV battery power. With Tesla battery engineer Alex Jacobs, the trio launched Sila. One year later, ARPA-E supported Sila's early technological development under its BEEST program ...

One such company, Sila, today said it has signed a deal to supply Panasonic with its Titan Silicon anode material. Production will happen at Sila's future Moses Lake facility, where the startup...

Best of all, using silicon powder from Sila does not require new manufacturing techniques and bypasses China, which currently supplies 96% of the purified graphite used by the world's battery...

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Sila's Battery Engineering Services team is now formalized to help OEMs develop a battery that powers their product vision, from concept to launch. This team will work with an OEM to understand product requirements and either collaborate with their chosen cell maker or help identify and evaluate cell partners to ensure the use of state-of-the ...

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Web: <https://www.gennergyps.co.za>