



Gotion solid-state battery technology launch

What is Gotion's new all-solid-state battery?

GEMSTONE All-Solid-State Battery: completing the first 0.2GWh pilot line Launched in 2024, Gotion's GEMSTONE all-solid-state battery now achieved a milestone by completing a 0.2GWh pilot production line, with a 90% yield rate.

Is Gotion high-tech launching a solid-state battery in 2025?

May 2025 Chinese battery manufacturer Gotion High-Tech has reportedly completed construction of its first pilot production line for the GEMSTONE solid-state battery. The plant has an annual capacity of 0.2 gigawatt-hours and is currently operating at 90 percent yield. The cells are already being tested in vehicles on the road.

What is Gotion high-tech's 'gemstone' solid-state battery capacity?

Chinese battery cell manufacturer Gotion High-Tech has launched a pilot production line with a capacity of 0.2 GWh for its Gemstone solid-state battery. According to Gotion, the batteries have already been integrated into vehicles and tested on public roads.

Is Gotion high-tech planning a small-series battery production in 2027?

Earlier statements from company sources indicate that small-series production is not planned before 2027. Gotion High-Tech has started pilot production of its GEMSTONE solid-state battery. The plant currently achieves a yield of 90 percent.

What's going on with Gotion's 'Jinshi' all-solid-state battery?

Following the release of its first-generation "Jinshi" all-solid-state battery in May 2024, Gotion has now achieved a critical milestone: the official commissioning of its first all-solid-state pilot production line. This line, 100% independently developed, boasts a designed capacity of 0.2 GWh.

Where are Gotion high-tech batteries made?

Workers from the Chinese battery maker Gotion High-Tech work on a production line to make batteries for new energy vehicles, in Hefei, Anhui province, on Feb 8, 2025. [Photo/Xinhua]

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Gotion High-tech showcased an all-solid-state battery prototype at its annual technology conference in the



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eastern Chinese city of Hefei on Friday, May 17, 2024.

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4 · Chinese battery maker Gotion High-Tech has launched the first road testing for its next-generation all-solid-state batteries, after completing the country's first fully localized 0.2 Gigawatt-hour pilot line, marking a milestone in ...

At its 2025 Global Technology Conference held on May 16-17, Gotion High-Tech announced major advancements for its highly anticipated "Jinshi" all-solid-state battery, ...

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At its 2025 Global Technology Conference held on May 16-17, Gotion High-Tech announced major advancements for its highly anticipated "Jinshi" all-solid-state battery, alongside the launch of five other new battery ...

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One of the world's largest EV battery maker Gotion unveiled its first solid-state battery line aiming for mass production by 2030.

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