

Which car is equipped with sodium battery

Which EVs are powered by sodium-ion batteries?

Another EV powered by sodium-ion batteries was rolled off the production line in China on December 27, 2023. The vehicle was made by Yiwei, a brand of JAC Group, and uses batteries from Hina Battery. Hina said the EV is equipped with the company's cylindrical sodium-ion cells that can support a driving range of 252 kilometers.

Which Jac EV has a sodium ion battery?

JAC introduced the Yiwei 3, the first EV powered by a sodium-ion battery, at the Shanghai Auto Show in February. However, the model launched with an LFP battery, with JAC promising a sodium-ion version was coming. The automaker also revealed the sodium-ion-battery-powered Sehol E10X, featuring 25 kWh of capacity and 120 Wh/kg of energy density.

When did Jac start putting lithium-free sodium-ion batteries on electric vehicles?

In February 2023, JAC announced they were the first automaker to put the lithium-free sodium-ion battery on an electric vehicle. That EV was a Sehol E10X hatchback, and the Na+ battery had the following specifications: Sehol was a brand under Volkswagen Anhui JV, which VW transferred to JAC in 2021.

Will sodium ion batteries help EV prices?

Perhaps most importantly, the batteries use cheaper raw materials, which can enable lower EV prices. "Sodium-ion batteries will become an important battery type, complementary to LFP batteries, and a low-cost solution that promotes the popularization of mass electric vehicles to masses," said the chairman of Yiwei Tech, Xia Shunli.

Are sodium-ion batteries advancing EV technology in China?

China has witnessed a significant advancement in electric vehicle (EV) technology with two new EV models powered by sodium-ion batteries rolling off the production line. This development marks a pivotal moment, indicating that sodium-ion batteries are moving closer to large-scale application in the EV industry.

Which companies are launching sodium-ion batteries in 2022?

China-based The Paper reported that the lithium price rise in 2022 prompted leading battery companies like CATL and EVE Energy to launch their sodium-ion battery technology. According to an announcement from China's Ministry of Industry and Information Technology in June 2023, Chery Automobile plans to launch an EV with CATL's sodium-ion batteries.

The project, with a planned total investment of RMB 10 billion (\$1.4 billion), will be the world's largest supplier of sodium battery systems for micro cars, according to the ...

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The two-wheelers are equipped with Yuji Sodium Battery, which uses hard carbon material for its negative electrode, according to Yadea. The battery cells have an energy ...

Market Overview for November 2024: As the year-end approaches, the sodium battery industry has witnessed a series of positive developments. Several cathode active ...

As more people want to drive these eco-friendly cars, battery makers are looking for new ways to power them. Sodium-ion batteries are one option that's getting a lot of ...

The very cheap E10X did not lose any battery capacity in the process since its cheapest version equipped with lithium-ion cells sported a 20-kWh pack and the Na-ion battery has 25 kWh of capacity.

World's first Sodium-ion Battery Powered Electric Vehicle (EV) has finally made its debut. A Chinese EV brand JAC Auto has unveiled an EV which has diverted its source of power from traditional Lithium-ion batteries to ...

Reports claim that CATL's second-generation sodium-ion batteries will replace 20 to 30 percent of lithium-ion phosphate batteries in small or short-range vehicles. In January ...

A sodium-ion battery cell can charge to 80% in 15 minutes at room temperature, CATL said in a press release. It also has a capacity-retention rate of more than 90% at -4 ...

International - China's JAC Group, which markets the T6, T8 and X200 bakkies in South Africa, has unveiled the world's first electric car powered by a sodium-ion battery

At the beginning of 2023, the industry's first sodium battery test car "Sihao Flower Fairy" jointly built by SOL and HinaBattery Sodium was unveiled. The model first applied the cellular battery technology sodium battery ...

The sodium-ion battery-equipped Yiwei model has a battery pack capacity of 23.2 kWh and a CLTC range of 230 km, with an electricity consumption of about 10 kWh per 100 ...

HEFEI, Jan. 5 (Xinhua) -- Chinese carmaker JAC Group on Friday announced the delivery of China's first mass-produced new electric vehicle (NEV) featuring a sodium-ion battery. The ...

Lithium-free Sodium Battery Car To Hit The Roads In China. 29th December 2023 ... As per CarNewsChina, the Sehol model boasts a 252 km (157 miles) range equipped ...

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In February 2023, JAC announced the first move to put the lithium-free sodium-ion battery on an electric vehicle. The vehicle turned out to be a Sehol E10X hatchback. At the time, the Na⁺ battery had the following

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The automaker also revealed the sodium-ion-battery-powered Sehol E10X, featuring 25 kWh of capacity and 120 Wh/kg of energy density. With 3C to 4C charging, the electric hatchback could...

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