

Companies that have rolled off sodium battery production

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.

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.

Are sodium-ion batteries coming to a large scale?

Two electric vehicle (EV) models powered by sodium-ion batteries have rolled off the production line in China, signaling that the new, lower-cost batteries are closer to being used on a large scale.

Are sodium-ion batteries the future of energy storage?

As the demand for energy storage increases, sodium-ion batteries are poised to play a crucial role in the transition to a more sustainable future. Explore the top 6 Sodium-Ion Battery Companies in 2024 that are revolutionizing sustainable energy with innovative technologies.

Who makes Northvolt sodium ion batteries?

Northvolt's sodium-ion batteries are produced without any critical metals, using only globally abundant, low-cost materials. Tiamatis a French company that designs, develops, and manufactures sodium-ion batteries for mobility and stationary energy storage applications.

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.

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Furthermore, Natron Energy's more than \$40M investment in upgrading the manufacturing facility and converting existing lithium-ion battery lines to sodium-ion production underscores a commitment to



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innovation and sustainability. The support from Advanced Research Projects Agency-Energy (ARPA-E), through programs like SCALEUP, highlights the strategic ...

A model powered by sodium-ion batteries built by Farasis Energy in partnership with JMEV, an EV brand owned by Jiangling Motors Group, rolled off the assembly line on December 28, according to the battery maker.

China's Leading Role in Sodium-Ion Production. On the other side of the globe, China is rapidly advancing in sodium-ion technology with plans already in motion. Zhejiang Hu Na Energy has successfully registered for an ...

The news comes after JAC Group's YiWei, a new EV brand backed by Volkswagen, began building its first sodium-ion battery-powered EV. The first model rolled off the production line last...

One is start-up companies, and the other is established suppliers who have been engaged in the production of lithium-ion batteries and upstream raw materials for a long time, such as HiNa BATTERY, CATL (ranked first among Top 10 lithium battery companies) and other companies are about to mass-produce sodium-ion batteries.

From UK-based Faradion to the US's Natron Energy, global firms are racing to make a breakthrough in the potentially revolutionary sodium-iron battery technology. The huge interest could see the market balloon by nearly six times, from USD 860 million in 2022 to USD 4.8 billion in 2032, according to market analyst Precedence Research .

In two years, China will have nearly 95 percent of the world's capacity to make sodium batteries. Lithium battery production will still dwarf sodium battery output at that point, Benchmark ...

By 2026, the next generation of sodium-ion battery products will have an energy density of 180-200 Wh/kg. On December 27, battery maker Hina Battery announced that a model powered by sodium-ion batteries, which it jointly built with Anhui Jianghuai Automobile Group Corp (JAC), rolled off the production line.

The Roadmap predicts that China's sodium ion battery shipments will exceed 1GWh in 2024 and the planned production capacity will reach 60GWh in 2025. In the past two ...

The Roadmap predicts that China's sodium ion battery shipments will exceed 1GWh in 2024 and the planned production capacity will reach 60GWh in 2025. In the past two months, a total of 7 A-share sodium ion battery industry chain companies announced that they have produced sodium ion batteries and related raw materials. Source: Photograph Network

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Battery maker Farasis Energy reports that JMEV, an EV brand owned by Jiangling Motors Group, began producing sodium-powered EVs in December. The compact JMEV EV3 comes in several variants--lithium-ion ...

JAC Group's Yiwei, a new EV brand in China backed by Volkswagen, debuted the first sodium-ion battery-powered electric car. The new JAC Yiwei EV rolled off the assembly line Wednesday....

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Among these, sodium-ion batteries have emerged as a promising alternative to traditional lithium-ion batteries, offering higher energy efficiency, lower manufacturing costs, and a more environmentally friendly ...

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