

Are sodium-ion batteries the future of energy storage?

With companies like NextThing Technologies, Faradion, AMTE Power, and Natron Energy leading advancements, sodium-ion technology is set to redefine energy storage. The industry is moving toward scalable, safe, and cost-efficient battery solutions, making sodium-ion batteries a cornerstone of future energy infrastructure.

What is a sodium battery?

Sodium battery companies specialize in developing energy storage systems using sodium-ion technology as a cost-effective, sustainable alternative to lithium-ion batteries. Key players include Faradion (UK), Tiamat (France), HiNa Battery Technology (China), Natron Energy (US), and Altris AB (Sweden).

What are the top sodium-ion battery companies in 2025?

Here are the top sodium-ion battery companies in 2025: 1. Contemporary Amperex Technology Co., Ltd. (CATL) CATL stands at the forefront of Sodium-ion Battery innovation. The company's first-generation Sodium-ion Battery boasts an impressive energy density of 160 Wh/kg. Notably, it charges to 80% in just 15 minutes at room temperature.

Who makes sodium ion batteries?

Overview: A UK-based leader in sodium-ion technology, Faradion was the first company to commercialize sodium-ion batteries. Now backed by Reliance Industries, it is scaling up global production. High-energy-density sodium-ion batteries for EVs & grid storage. Stronger safety profile compared to lithium-ion.

What companies use sodium batteries?

Chinese telecom giants like China Tower use sodium batteries for 5G infrastructure backup, while European automakers test them for low-speed EVs. Grid operators value their fire resistance for large-scale installations near urban areas. How Are Startups Disrupting the Sodium Battery Market?

What companies use sodium?

Key players include Faradion (UK), Tiamat (France), HiNa Battery Technology (China), Natron Energy (US), and Altris AB (Sweden). These firms focus on applications in electric vehicles, grid storage, and renewable energy integration, leveraging sodium's abundance and safety advantages. Data Center ESS

2. Both domestic and foreign manufacturers have already launched commercial products. 3. Despite existing challenges, we believe sodium-ion batteries will address the shortcomings of ...

Global Sodium-Ion Battery Manufacturing: Strategic Leaders Reshaping the \$30B Energy Storage Revolution

As lithium-ion batteries face critical supply chain vulnerabilities and price volatility, ...

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Why Sodium Batteries Are Stealing Lithium's Spotlight Imagine a world where your home solar system doesn't freeze up during winter blackouts or your electric bike battery costs 30% less. ...

This analysis identifies key manufacturers driving industrialization across three continents and examines the technological battlegrounds defining commercial scalability.

In this article, we'll introduce the top ten sodium-ion battery manufacturers in the world, which are leading the development of sodium-ion battery technology and occupying a ...

As a leading sodium-ion battery manufacturer, Haicen offers OEM/ODM services for custom Na-ion solutions. We provide cell manufacturing, pack assembly, and bulk supply. Partner with us ...

The Sustainable and Smart Energy Storage Solution Our complete sodium-ion battery systems represent the next evolution in energy storage for both home and business. This all-in-one ...