



Solid-state sodium battery companies

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.

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?

Do you know about the sodium ion battery industry?

Interest in the Sodium Ion Battery industry in the United States requires an understanding of several key considerations. Regulatory frameworks at both federal and state levels are critical, as they govern safety standards, recycling protocols, and environmental impacts.

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

Are sodium ion batteries a viable alternative to lithium-ion?

Sodium-ion battery technology is emerging as a promising alternative to lithium-ion. These companies are leading the way. Sodium-ion batteries (NIBs) are emerging as a pivotal technology in the ever-evolving energy landscape, reflecting a broader shift towards sustainable, efficient, and cost-effective energy storage solutions.

We conducted a thorough analysis of companies in the solid-state battery sector to identify those that are particularly noteworthy as this innovative technology evolves.

Ionic Materials is an American company developing a solid-state sodium-ion battery. The company's batteries are designed to be safer and more energy-dense than conventional lithium-ion batteries.

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In this piece, we'll look at seven companies in the battery industry that, along with Accenture, are pushing the state of sodium-ion battery technology. Read on to learn about seven companies developing sodium-ion ...

Comprehensive analysis of global sodium-ion battery producers: \$30B market data, 160+ Wh/kg technologies, gigafactory maps, and procurement strategies for commercial buyers.

Nissan began operating its all-solid-state battery pilot line in January 2025. The company aims to launch EVs equipped with in-house developed all-solid-state batteries by ...

The automaker is actively exploring solid-state and sodium-ion EV batteries, alongside a total of seven different anode and cathode chemistries.

Game Changing Solid State Sodium Chloride Batteries for Grid Storage and Innovative Battery Material Products. Altech Batteries Ltd is commercialising a 120 MWh solid state sodium chloride battery production facility to produce ...

A Perth company is planning its next steps after successfully switching on a 60 kilowatt (kW) sodium-chloride solid-state battery prototype in a trial in Germany. Perth-based ...

HBC/G3's prowess in solid-state batteries has now positioned Solidion as one of the top two US leaders in solid-state electrolytes, according to a KnowMade Report in December 2021. Additionally, HBC/G3 had been recognized as a top ...

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Altech to Commercialise 120 MWh Sodium Chloride Solid State Batteries for Grid Storage Altech Batteries Limited has executed a joint venture agreement with leading German battery institute, Fraunhofer IKTS ("Fraunhofer") to ...

For detailed company introductions, technologies, products, advantages, and comments, refer to the survey section below. We provides an in-depth analysis of the top 20 ...

The company integrates high-precision talents in battery materials, cells, systems and other fields, focusing on high-energy density, high-safety, high-power, wide-temperature range, long-life hybrid solid-liquid electrolyte batteries and all-solid ...

Investing in battery storage offers diverse avenues, from pioneering next-generation battery chemistries (e.g., solid-state, sodium-ion) to integrated system development and the foundational supply of critical raw ...

For detailed company introductions, technologies, products, advantages, and comments, refer to the survey

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section below. We provides an in-depth analysis of the top 20 manufacturers of solid-state batteries, based on ...

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The CERENERGY's sodium-alumina solid state battery project is specially designed to meet the needs of the grid energy storage market, which is projected to grow in value from US\$4.4bn last year to US\$15.1bn by 2027.



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