

Sodium ion battery storage supplier quotation in Sweden 2025

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?

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

How much does a sodium battery cost?

Yes - sodium-ion batteries cost \$70-90/kWh versus \$120-140/kWh for lithium iron phosphate (LFP). Raw materials constitute 35-40% of total cost versus 50-60% for lithium, with sodium carbonate priced at \$300/ton versus \$70,000/ton for lithium carbonate. Can sodium batteries be recycled?

Why is the sodium-ion battery landscape changing?

The Sodium-ion Battery landscape is rapidly evolving as leading companies innovate to meet the growing demand for sustainable energy solutions. This development comes in response to the increasing need for alternatives to traditional Lithium-ion batteries.

A sodium-ion battery is a type of rechargeable battery that uses sodium ions (Na⁺) to store and release energy. In many ways, it operates similarly to the more common ...

It focuses on advancing sodium ion battery systems as the storage standard for renewable energy. It also aims to reduce the climate impact and help EV drivers save on electricity costs through their EV smart-charging ...

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Stora Enso, a Scandinavian renewable materials company, and Altris, a leading sodium-ion battery developer from Sweden, are collaborating to develop a fully European ...

The sodium-ion battery market is poised for significant growth, with these manufacturers leading the way. As technology advances and the demand for sustainable energy storage solutions increases, sodium-ion ...

Natron Energy specializes in sodium-ion batteries specifically designed for commercial and industrial applications, highlighting their advantages over lithium-ion options in terms of ...

In a groundbreaking shift, SNE Research forecasts China's sodium-ion batteries to enter mass production by 2025, targeting two-wheelers, small EVs, and energy storage. By ...

Our analysts track relevant industries related to the Sweden Sodium Ion Battery Market, allowing our clients with actionable intelligence and reliable forecasts tailored to emerging regional needs.

As the energy storage industry pivots toward sustainable and cost-effective solutions, sodium-ion technology is emerging as a viable alternative to lithium-ion systems. In ...

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 leading position in the global market.

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

Stockholm, Sweden - Northvolt today announced a state-of-the-art sodium-ion battery, developed for the expansion of cost-efficient and sustainable energy storage systems worldwide. The cell has been validated for a best-in-class ...

The Sodium-ion Battery Companies Quadrant provides an in-depth analysis of the global sodium-ion battery market, highlighting key players, technological advancements, ...

1 ?· Energy Storage Sodium Ion Battery Market Energy Storage Sodium Ion Battery Market Size and Share Forecast Outlook 2025 to 2035 The energy storage sodium ion battery market is projected to grow from USD 307.4 million ...

This article will introduce the top 10 sodium battery manufacturers in China in detail, and present a panoramic view of China's sodium battery industry to readers by showing their achievements in technology research and ...

In the first half of 2025, all segments of the sodium-ion battery industry chain demonstrated significant

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growth. However, the industry also faced concurrent challenges of technological route changes, cost pressures, and ...

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