



Expected ROI of sodium ion battery storage project in Croatia 2026

How big is the sodium ion battery market?

The global sodium ion battery market was valued at USD 270.1 Million in 2024 and is set to grow at a CAGR of 26.1% from 2025 to 2034. Rising demand for cost-effective sustainable solutions with reduced supply chain risk is set to boost product adoption.

Who makes sodium ion batteries?

Some of the major players in the sodium ion battery industry include Altris, Broadbit Batteries, CATL, China BAK Battery, Farasis Energy, Faradion Limited, HiNa Battery Technology, Li-FUN Technology, Natron Energy, SVOLT, and Tiamat. How much sodium ion battery share captured by North America in 2024?

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

The sodium-ion battery market is gaining significant traction as a sustainable and cost-effective alternative to lithium-ion technology. With sodium priced at \$0.05 per kilogram compared to lithium's \$15, sodium-ion batteries offer a 300-fold cost advantage in raw materials.

Will sodium ion batteries increase energy density?

This company continues to progress in the development of sodium-ion batteries with the intent to increase energy density and market their solutions as substitutes for lithium-ion batteries. In December 2022, Svolt Energy unveiled its inaugural sodium-ion battery prototype, boasting an energy density of 100 Wh/kg.

How much money is needed to improve sodium ion battery technology?

In December 2024, the U.S. DOE, in collaboration with the LENS Consortium supervised by Argonne National Laboratory, has announced an investment of USD 50 million over 5 years to improve sodium ion battery technology.

Who are the eminent players in the sodium ion battery industry?

In December 2022, Svolt Energy unveiled its inaugural sodium-ion battery prototype, boasting an energy density of 100 Wh/kg. Eminent players operating in the sodium ion battery industry are: In May 2024, Altris and Clarios signed a Joint Development Agreement to enhance SIB technology for low-voltage mobility applications.

The first phase of Datang Group's 100 MW/200 MWh sodium-ion energy storage project in Qianjiang, Hubei Province, was connected to the grid.

The sodium ion battery market size exceeded USD 270.1 million in 2024 and is set to grow at a CAGR of 26.1% from 2025 to 2034, due to the rising demand for cost-effective sustainable solutions with reduced supply chain risk is set to ...



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Sodium-ion Battery Energy Storage System Market Revenue was valued at USD 1.2 Billion in 2024 and is estimated to reach USD 8.6 Billion by 2033, growing at a CAGR ...

Sodium-ion batteries have a significant advantage in terms of energy storage unit price compared to lithium-ion batteries. This cost-effectiveness stems from the abundance and ...

Adrian Yao, a lead author of the Stanford study, notes how speculative it is for sodium-ion to undercut Lithium-ion prices. In 2024, global average prices for Lithium-ion battery packs dropped by 20%, reaching below ...

Sodium-ion batteries have gained significant attention in 2025 as the push for cost-effective and sustainable energy storage solutions intensifies. This innovative battery ...

The US is by far the largest market, led by a pipeline of large-scale projects in California, the Southwest and Texas. The US has seen a wave of project delays due to rising battery costs. Despite this, US utilities continue ...

Discover the top benefits of sodium-ion batteries, from cost savings to safety and sustainability. Learn why sodium-ion is becoming a strong alternative to lithium-ion for energy storage.

That trend is expected to continue. In 2026/27, the average pack price is expected to fall below \$100/kWh, based on raw material costs, competition, and pressure from alternative technology such as Na-ion ...

The Global Sodium-ion Batteries Market 2026-2036 report provides critical insights into the rapidly evolving sodium-ion battery industry, analyzing market drivers, ...

The first phase of China Datang's sodium-ion battery energy storage power station project was put into operation Sunday in Qianjiang, Hubei Province.

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

Cost remains a key factor in the commercial viability of sodium-ion batteries. HiNa Battery estimates that by 2025, the energy density and cell costs of its sodium-ion batteries will partially overlap with those of lithium iron ...

Accenture's Project Manager Jonathan Helbig talks about insights into Sodium-ion batteries--advantages, challenges, future commercialization, and more.



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Developers expect to bring more than 300 utility-scale battery storage projects on line in the United States by 2025, and around 50% of the planned capacity installations will be in Texas. The five largest new U.S. ...

These developments are propelling the market for battery energy storage systems (BESS). Battery storage is an essential enabler of renewable-energy generation, ...

Sineng Electric's 50 MW/100 MWh sodium-ion battery energy storage system (BESS) project in China's Hubei province is the first phase of a larger plan that will eventually reach 100 MW/200 MWh. The ...

The sustained high price of lithium carbonate has intensified cost pressures on downstream power battery and energy storage companies. At the same time, it has opened a market ...

The sodium-ion battery market is experiencing unprecedented momentum as industries worldwide seek sustainable, cost-effective alternatives to traditional lithium-ion ...

Peak Energy has shipped its first sodium-ion battery system ahead of a shared pilot with nine utilities and independent power producers this summer. Peak's battery system removes active cooling, pumps, and ...

2026, Sodium-ion battery is approaching Sodium-ion batteries are expected to enter a mature stage of industrialization in 2026.

These storages will be used by all electricity producers from renewable sources who will not immediately deliver energy to the transmission network, but will use batteries for ...

Adrian Yao, a lead author of the Stanford study, notes how speculative it is for sodium-ion to undercut Lithium-ion prices. In 2024, global average prices for Lithium-ion ...

The Government of Croatia is preparing EUR 500 million for the installation of batteries for storing renewable energy. Minister of Economy and Sustainable Development Damir Habijan said Croatia is ready for changes in ...

Sodium ion battery capacity is surging as an additional 50 gigawatt-hours (GWh) are expected to come online this year along with 14 new market entrants, taking global capacity to 70 GWh, according to Benchmark's Sodium ion Battery ...

The facility will serve as a blueprint to expand Draslovka's operations in the U.S. and enable Natron's mission of scaling sodium-ion battery production to meet soaring demand, ...



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The forthcoming battery storage facilities are intended to provide a buffer for electricity generated from renewable sources, allowing for more flexible energy management without the immediate ...

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The energy storage project includes 42 energy storage warehouses and 21 machines integrating energy boosters and converters, using large-capacity sodium-ion ...

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