



# Sodium ion battery storage tender price in Ireland 2026

What is the global market for sodium-ion batteries 2026-2036?

Dublin, June 19, 2025 (GLOBE NEWSWIRE) -- The "Global Market for Sodium-ion Batteries 2026-2036" report has been added to ResearchAndMarkets.com's offering. The sodium-ion battery market is experiencing unprecedented momentum as industries worldwide seek sustainable, cost-effective alternatives to traditional lithium-ion technology.

How much will sodium ion batteries cost in 2028?

Assuming a similar capex cost to Li-ion-based battery energy storage systems (BESS) at \$300/kWh, sodium-ion batteries' 57% improvement rate will see them increasingly more affordable than Li-ion cells, reaching around \$10/kWh by 2028.

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.

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 disrupt the LDES market?

Credit: Fahroni/Shutterstock. Sodium-ion batteries are set to disrupt the LDES market within the next few years, according to new research - exclusively seen by Power Technology's sister publication Energy Monitor - by GetFocus, an AI-based analysis platform that predicts technological breakthroughs based on global patent data.

Will sodium battery technology be a competitive solution for LDES by 2028?

Sodium battery technology is experiencing similar improvements in areas such as energy density as lithium-ion (Li-ion) batteries did two decades ago. The associated cost reductions will mean the emergent technology is set to become a competitive solution for LDES by 2028 at the latest, finds the research.

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

Sodium-ion Batteries 2025-2035 provides a comprehensive overview of the sodium-ion battery market, players, and technology trends. Battery benchmarking, material and cost analysis, key ...



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

A must attend conference for energy storage and battery technology thought leaders, where experts address novel tech and leading issues in the energy and electric vehicle industries.

Bottom line: With CATL's Naxtra heading for mass production and more than 100 GWh of cumulative capacity now financed across three continents, sodium-ion is no longer ...

The Gorman battery system, with an installed capacity of 50 MW, is our world's first commercial-scale battery system and the first in Ireland. This project is part of our commitment to ...

This article will analyze the opportunities, challenges, and future trends of the sodium battery industry, while forecasting its potential landscape in 2026.

With costs fast declining, sodium-ion batteries look set to dominate the future of long-duration energy storage, finds AI-based analysis that predicts technological breakthroughs based on global patent data.

ETN news is the leading magazine which covers latest energy storage news, renewable energy news, latest hydrogen news and much more. This magazine is published by CES in collaboration with IESA.

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.

As Ireland continues its transition towards renewable energy, home solar battery storage systems have become increasingly vital for homeowners seeking to optimize energy consumption and reduce electricity ...

Who we are // Energy Storage Ireland is a representative association of public and private sector organisations who are interested and active in the development of energy storage in Ireland and Northern Ireland. Our vision // Delivering the ...

Conclusion The 2025-2026 regulatory changes for lithium-ion and sodium-ion batteries represent both a challenge and an opportunity for businesses in the energy storage and transportation ...

Research by Goldman Sachs is predicting the cost of EV batteries will fall to \$80 per kilowatt hour in the next two years. Global average battery prices declined from \$153 per kilowatt-hour (kWh) in 2022 to \$149 in ...

Battery Energy Storage Systems (BESS) paired with next-gen sodium-ion battery tech are playing an increasingly vital role in enhancing the reliability & efficiency of ...



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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 ...

Batteries Conferences 2025 2026 2027 is for the researchers, scientists, scholars, engineers, academic, scientific and university practitioners to present research activities that might want to ...

Peak Energy debuts the US's first grid-scale sodium-ion battery, cutting costs and boosting reliability with passive cooling tech.

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 batteries, which could be 30% cheaper ...

Lithium battery prices fluctuate due to raw material costs (e.g., lithium, cobalt), manufacturing innovations, geopolitical factors, and demand surges from EVs and renewable ...

Whether you're an R& D professional, a utility expert, a startup founder, or a policymaker, attending the right conferences can help you stay ahead of the innovation curve ...

Peak Energy will ship battery energy storage systems for a shared pilot with nine utility and independent power producers (IPP) this summer.

Sodium-ion Energy Storage Battery Market size was valued at USD 1.2 Billion in 2024 and is forecasted to grow at a CAGR of 18.5% from 2026 to 2033, reaching USD 5.4 ...

The thesis explores next-generation battery technologies for stationary energy storage, focusing on advancements and applications in sustainable energy systems.

Because sodium is so plentiful and cheap, companies in the space estimate that sodium-ion storage systems could eventually be around 40% less expensive than lithium-ion systems, once manufacturing scales.

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 ...



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