

**Sodium-Ion Battery Market Size and Trends.** The Sodium-Ion Battery Market is estimated to be valued at US\$ 22.07 Bn in 2025 and is expected to reach US\$ 55.26 Bn by 2032, growing at a compound annual growth rate (CAGR) of ...

In 2022, Natron, a leading manufacturer of SIBs, collaborated with Clarios to manufacture SIBs at a lower cost by leveraging a portion of the Clarios Meadowbrook lithium-ion facility for sodium-ion manufacturing. In March 2023, CATL announced the mass production of its Qilin batteries. It introduced an innovative sodium-ion battery technology, the Qilin battery, in ...

**Sodium-Ion Battery Market Size and Forecast 2024 to 2034.** The global sodium-ion battery market size is accounted for USD 1.17 billion in 2024 and is anticipated to reach around USD 6.83 billion by 2034, growing at a ...

Sodium-ion batteries have the potential to be a more sustainable and affordable alternative to lithium-ion batteries, and they are expected to play an increasingly important role in the energy ...

With sodium-ion batteries offering so much promise for the battery industry, there is naturally a slew of companies working on developing this technology. In this piece, we'll look at seven companies in the battery industry ...

**China's Dominance in Sodium Ion Battery Market to Remain Unchallenged in the Near Future.** China stands as the undisputed leader in the global sodium-ion battery market in 2025, commanding over 90% of announced manufacturing capacity. With gigafactory output projected to reach 10.4 GWh this year and ambitions to scale to 100 GWh by decade's ...

2024 1.6654 , 7.28%, 2029 2.3665 ? Faradion Limited?AMTE Power PLC?NGK Insulators Ltd?HiNa Battery Technology Co. Ltd? TIAMAT ...

**Sodium Ion Battery Market Valuation - 2024-2031.** The increasing demand for cost-effective and sustainable energy storage solutions drives interest in sodium-ion technology, which offers a more abundant and affordable alternative to ...

The global sodium-ion battery market size was valued at USD 1.47 billion in 2024. The market is projected to grow from USD 1.82 billion in 2025 to USD 6.25 billion by 2032, exhibiting a CAGR of 19.24% during the forecast period.

materials for the Li-Ion battery industry expansion. o Sodium-Ion battery market is expected to be the fastest

growing battery market on the coming years. o Sodium Ion battery technology is at the beginning of mass production - China is leading that market. o Supply chain need to be develop to support fast grow future production ...

Sodium-ion Battery Market Size, Share, Growth, and Industry Analysis, By Type (Layered Oxide, Prus-sian, and Polyanionic Compound), By Application (Power Battery, and ...

Sodium-Ion Battery Market Size, Share, and Trends 2024 to 2034. The global sodium-ion battery market size accounted for USD 1.17 billion in 2024, grew to USD 1.39 billion in 2025 and is predicted to surpass around USD 6.83 ...

Sodium-Ion Battery Market Size, Share & Trends Analysis Report By Type (Sodium-Sulfur Batteries, Sodium-Salt Batteries (Zebra Batteries), Sodium-oxygen (Sodium Air) Batteries), By ...

Market Outlook . The demand for battery power, as measured in gigawatt hours, is expected to grow from 185 in 2020 to 2,035 by 2030, a whopping 11-fold increase, with nearly 90% of that coming ...

Sodium-Ion Battery Market by Battery Type (Sodium-Sulfur, and Sodium-Salt), Technology Type (Aqueous and Non-Aqueous), End-Use (Energy Storage, Automotive, Industrial, Consumer ...

The global next generation batteries market size was estimated at USD 1.76 billion in 2023 and is expected to grow at a CAGR of 8.4% from 2024 to 2030. ... Next-generation batteries, such as solid-state, lithium-sulfur, and sodium-ion batteries, offer improved energy density, enhanced safety features, and better performance over traditional ...

Sodium Ion Battery Market Size and Share: The global sodium ion battery market size was valued at USD 368.71 Million in 2024.Looking forward, IMARC Group estimates the market to reach USD 974.11 Million by 2033, exhibiting a CAGR ...

Sodium-ion Battery Market: COVID-19 Impact Analysis. Manufacturing, supply chain, and factory activity halts brought on by the COVID-19 epidemic"s global lockdown hurt the sodium-ion batteries market in 2020. Also, the automotive, ...

Sodium-ion Battery Market size was valued at USD 547.2 Million in 2023 and is poised to grow from USD 665.4 Million in 2024 to USD 3180.89 Million by 2032, growing at a CAGR of 21.60% during the forecast period (2025-2032).

The Growing Market for Sodium-Ion Batteries Although Lithium-ion batteries dominate the market, sodium-ion technology is gaining traction due to its cost-effectiveness and sustainability. In 2024, Lithium-ion battery prices fell by 20%, driven by economies of scale and using lithium iron phosphate.

Sodium-ion Battery Market Size, Share & Trends Analysis Report By Technology (Sodium Sulfur Battery, Sodium Salt Battery, Sodium Air Battery), By End-use (Consumer Electronics, Automotive, Industrial, Energy Storage), By Region, ...

The Sodium Ion Battery market is a subset of the larger Battery Technology industry. It is a type of rechargeable battery that uses sodium ions as the charge carriers. Sodium Ion Batteries are known for their high energy density, long ...

In 2023, the installed base of sodium-ion batteries accounted for less than four percent of the global battery storage market, while lithium-ion batteries dominated the sector.

The global battery market size was valued at USD 134,622.4 million in 2024 and is expected to grow at a CAGR of 16.4% from 2025 to 2030. ... Sodium-ion batteries are emerging as an alternative to lithium-ion batteries, leveraging abundant and cost-effective sodium resources. They are suited for grid energy storage and low-cost applications.

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 ...

Sodium Ion Battery Market Size. 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.

The Sodium Ion Battery Market is set to grow by USD 414.4 million by 2028 and finds itself on the cusp of an AI-powered market evolution. This is driving transformation and expanding possibilities, with market growth being driven by ...

The sodium-ion battery market demand faces significant restraints due to its lower energy density compared to lithium-ion batteries. Sodium-ion batteries, while eco-friendly and cost-effective, currently store less energy in the same amount of space. This limitation makes them less suitable for applications requiring high energy density, like ...

Market Overview. The global sodium-ion battery market size was valued at USD 1025 million in 2021 and is estimated to reach an expected value of USD 2665 million by 2030, growing at a CAGR of 11.2% during the forecast period (2022 - 2030).. Sodium-ion battery has set their footprint across the globe as a large-scale and low-cost alternative for lithium-ion batteries.

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 ...

The Sodium-ion Battery market is experiencing significant growth, driven by a rising demand as a sustainable

alternative to Lithium-ion batteries. In 2024, the global market for sodium-ion batteries is expected to achieve a valuation of US\$ 438.0 million. This figure is projected to surge to US\$ 2,104.8 million by 2033.

Sodium-ion batteries (NIBs) are attractive prospects for stationary storage applications where lifetime operational cost, not weight or volume, is the overriding factor. Recent improvements in performance, ... to take a global market-leading role. By building on current advantages, the UK can establish a large-scale

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