

# Sodium battery energy storage product series





## Overview

---

What is a sodium ion energy storage system?

The sodium-ion energy storage platform has been designed to overcome long-standing limitations of traditional lead-acid-based backup systems by offering up to 2-3 times longer life, significantly reducing operational costs and downtime. The storage system comes in 3.5Kw, 5Kw, and 10Kw models with in-built batteries.

Are phosphate-based polyanionic cathodes suitable for sodium-ion batteries?

In summary, phosphate-based polyanionic cathodes represent a highly promising option for sodium-ion batteries, particularly in applications where safety and extended cycle life are of paramount importance, such as in large-scale energy storage systems for renewable energy sources.

What are electrochemical energy storage systems (EES)?

On the flip page, electrochemical energy storage systems (EES) such as batteries are at the forefront of modern energy storage technology used as energy supply means ranging from portable electronics devices to electric vehicles and even to large-scale national grid energy integration systems (Madhavi and Vairavasundaram, 2024).

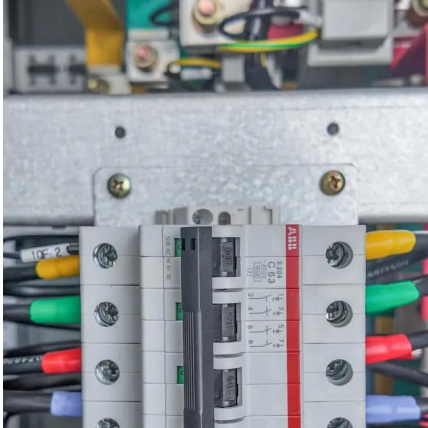
Are solid-state electrolytes a viable alternative to liquid aqueous sodium-ion batteries (asibs)?

Solid-state electrolytes Solid-state electrolytes (SSEs) have emerged as a viable alternative to liquid electrolytes in aqueous sodium-ion batteries (ASIBs), effectively addressing significant limitations such as safety issues, leakage concerns, and restricted electrochemical stability.



## Sodium battery energy storage product series

---



### [Scientists create new solid-state sodium-ion battery -- they ...](#)

2 days ago · A new sodium-ion battery offers a cheaper and safer alternative to conventional lithium-ion systems, scientists say, paving the way for more sustainable EVs.

### [Scientists create new solid-state sodium-ion ...](#)

2 days ago · A new sodium-ion battery offers a cheaper and safer alternative to conventional lithium-ion systems, scientists say, paving the way for ...



### **Alsym Energy launches Na-Series, claiming safe, low-cost sodium ...**

Oct 22, 2025 · US-based battery developer Alsym Energy has officially announced its new Na-Series line, a sodium-ion battery aimed at the stationary energy storage market. The company ...



### [Aeson Power Unveils Sodium Battery Products](#)

May 24, 2025 · The Australian energy storage manufacturer also introduced sodium-ion batteries for the automotive sector. For the vehicle sector, Aeson Power introduced two



series of ...



## Peak Energy Delivers First Grid-Scale, Sodium-Ion Battery Storage

DENVER - July 30, 2025 - Peak Energy, a U.S.-based company developing low-cost, giga-scale energy storage technology for the grid, today announced the launch and shipment of its ...



## [Advancements in sodium-ion batteries technology: A ...](#)

Dec 1, 2025 · In summary, phosphate-based polyanionic cathodes represent a highly promising option for sodium-ion batteries, particularly in applications where safety and extended cycle life ...



## [Naxion Energy launches Sodium-ion-based ...](#)

1 day ago · Naxion Energy launches innovative sodium-ion energy storage systems, offering reliable power solutions for various sectors with ...





### [Aeson Power Showcases Innovative Sodium Battery ...](#)

Along with the sodium product, Aeson Power also displayed the lithium battery energy storage products - a 261kWh C&I energy storage cabinet and a 5MWh containerized energy storage ...



### [Alsym Energy Debuts Na-Series Sodium-Ion Storage Batteries](#)

Oct 15, 2025 · Malden's Alsym Energy has rolled out its Na-Series sodium-ion batteries for stationary energy storage, using nonflammable, abundant materials to cut costs and simplify ...

### [Naxion Energy launches Sodium-ion-based Energy Storage ...](#)

1 day ago · Naxion Energy launches innovative sodium-ion energy storage systems, offering reliable power solutions for various sectors with extended lifespan and reduced costs.



### [New Large-Scale Iron-Sodium Energy Storage System Passes ...](#)

18 hours ago · A new, large scale iron-sodium energy storage system will be manufactured in the US, helping to support more wind and solar in the grid.



## [Alsym Energy Unveils Na-Series: Safe, High-Performance Sodium ...](#)

Oct 14, 2025 · MALDEN, Mass. -- Alsym Energy, a U.S.-based battery technology company, has announced the launch of its Na-Series sodium-ion batteries, a new product line engineered ...



## Contact Us

---

For technical specifications, project proposals, or partnership inquiries, please visit:  
<https://www.meble-decorator.pl>

## Scan QR Code for More Information



<https://www.meble-decorator.pl>