



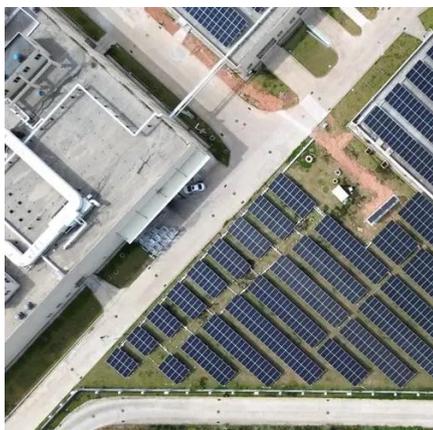
# Sodium battery energy storage project





## Sodium battery energy storage project

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### [World's largest sodium-ion battery goes live](#)

The world's largest sodium-ion battery has gone into operation in Qianjiang in China's Hubei province. The developers of the energy storage system say ...

### [CATL Sodium-Ion Batteries: Scaling Up for 2026 EV Revolution](#)

CATL launches large-scale sodium-ion battery deployment in 2026 for electric vehicle applications, energy storage, and commercial fleets. Naxtra brand offers 500km range, ...



### [World's Largest Sodium-ion Battery Energy ...](#)

Electrochemical energy storage mainly uses lithium-ion batteries, with sodium-ion battery commercialization still slowly ...

### [Sineng Electric to Supply Energy Storage Solutions to the World's](#)

Sineng's 2.5MW string PCS MV turnkey solution is meticulously designed to align with the sodium-ion battery energy storage system's wide DC voltage range, supporting rated ...



### [Duke Energy tests next-gen energy storage at ...](#)

Now, Suwannee is taking another leap forward with a pilot project to test a potential alternative to lithium-ion battery energy storage ...



### [China's first large-scale sodium-ion battery charges ...](#)

The state utility says the 10 MWh sodium-ion battery energy storage station uses 210 Ah sodium-ion battery cells that charge to 90% ...



### [US firm's world-largest sodium phosphate battery ...](#)

The system is the first ever fully passive megawatt-hour scale battery storage system, and the first grid-scale sodium-ion storage ...



### [Sodium-Based Energy Storage , ARPA-E](#)



Sharp Laboratories of America and their partners at the University of Texas and Oregon State University are developing a sodium-based battery that could dramatically ...



### [PNNL's Sodium Battery Research Seeks to Enhance Affordable ...](#)

Project aims to develop safer, low-cost solid-state sodium batteries for a more resilient, reliable energy grid. Over the next decade, global energy demand is expected to ...

### ['World-first' grid-scale sodium-ion battery project in ...](#)

A battery energy storage system (BESS) project using sodium-ion technology has been launched in Qingdao, China. The demonstration ...



### [Can CATL's Naxtra sodium-ion battery Break Lithium's Monopoly ...](#)

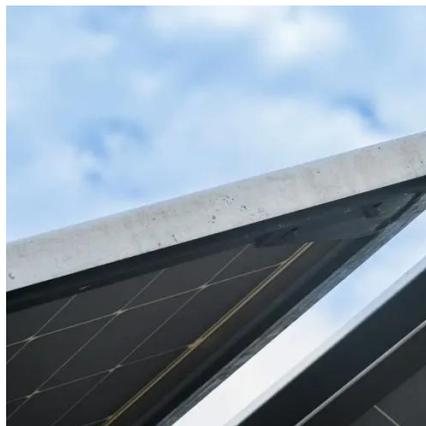
CATL's Naxtra sodium-ion batteries hit 175 Wh/kg, work at -40°C, cut costs 30-50%, and challenge lithium dominance by 2026.



### [New solid-state sodium battery design could replace lithium in EVs](#)



Researchers in Canada have just unveiled a new solid-state sodium battery design that could potentially lead to cheaper, safer, and more sustainable energy storage systems.



### [CATL to Deploy Sodium-Ion Batteries at Scale in 2026](#)

To date, sodium-ion cells have primarily been used in energy storage installations, low-range electric vehicles, and auxiliary power systems. With average cell prices in 2025 ...

### [Peak Energy just shipped the US's first grid-scale ...](#)

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



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## ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



### [A new era for batteries: Argonne leads \\$50M sodium-ion ...](#)

A consortium of 13 national laboratories and universities aims to develop high-energy, long-lasting sodium-ion batteries that are made from inexpensive, abundant materials ...

### [Battery unit that stores 100,000 kWh on single ...](#)



The world's largest sodium-ion battery system was built using 185 Ah sodium-ion batteries built by HiNa Battery, a China-based ...



[U.S. Department of Energy Selects 11 Projects to ...](#)

DOE also recently announced over \$3 billion for selected projects to boost the domestic production of advanced batteries and ...



[The US's first grid-scale sodium-ion battery is now ...](#)

Peak Energy's sodium-ion phosphate pyrophosphate (NFPP) battery storage system was unveiled in July and is now running at the ...



[World's largest sodium-ion BESS starts operation](#)

The sodium ion cells used in the project were provided by Sino-Science Sodium and the project marks a new stage in the ...



[The US's first grid-scale sodium-ion battery is now ...](#)



Peak Energy just switched on a 3.5 MWh sodium-ion battery, the largest sodium-ion energy storage project developed in the US. The ...



[Sineng Electric launches world's largest sodium ...](#)

Sineng Electric's 50 MW/100 MWh sodium-ion battery energy storage system (BESS) project in China's Hubei province is the first ...

[PNNL's Sodium Battery Research Seeks to Enhance Affordable Energy](#)

While still in the early stages, this research could pave the way for larger-scale efforts that shape the future of energy storage, supporting intermittent energy integration, and ...



[The US's first grid-scale sodium-ion battery is now online](#)

Peak Energy's sodium-ion phosphate pyrophosphate (NFPP) battery storage system was unveiled in July and is now running at the Solar Technology Acceleration Center ...



[World's largest sodium-ion battery goes into operation](#)



The company describes the project as the first large-scale and commercial application of large-capacity sodium-ion energy storage ...



[UAE integrates 648MWh of sodium sulfur batteries in one swoop](#)

One of the three 20MW NGK NAS (sodium sulfur) battery energy storage systems deployed as part of the project. Image: NGK Insulators / Google Maps. Sodium sulfur (NAS) ...

[Sodium-ion 50MW/100MWh project to be built in ...](#)

A large battery energy storage system (BESS) project in Hubei, China, using sodium-ion technology, is set to be completed this year.



[Eve Energy builds campus for sodium-ion batteries](#)

Eve Energy builds campus for sodium-ion batteries Chinese battery manufacturer Eve Energy has begun construction of a sodium-ion battery center in Huizhou, Guangdong ...

[Battery energy storage system](#)



A battery energy storage system (BESS), battery storage power station, battery energy grid storage (BEGS) or battery grid storage is a type of energy storage technology that uses a ...



[China launches world's first grid-forming sodium-ion battery storage](#)

The Baochi Storage Station in Yunnan integrates lithium and sodium-ion technologies at scale, a global first, aiming to stabilize renewable energy and cut costs as ...

[Technology Strategy Assessment](#)

Technology Strategy Assessment Findings from Storage Innovations 2030 Sodium Batteries July 2023 About Storage Innovations 2030 This technology strategy assessment on sodium ...





## Contact Us

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