



Angola China Sodium Energy Storage Project





Overview

The project consists of 42 BESS containers with 185 Ah sodium-ion batteries, 21 power conversion systems, and a 110 kV booster station. The project is being developed and managed by Datang Hubei Energy and marks China's efforts to diversify away from lithium to more.

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China has seen another energy storage project using sodium-ion batteries go into operation, as the new batteries begin to gain wider use in energy storage. State-owned power company China Datang Corporation put a 100-MWh energy storage station using sodium-ion batteries into operation in central.

The first phase of the world's largest sodium-ion battery energy storage system (BESS), in China, has come online. The first 50MW/100MWh portion of the project in Qianjiang, Hubei province has been completed and put into operation, state-owned media outlet Yicai Global and technology provider HiNa.

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 initial capacity has already been connected to the grid and can power around 12,000 households for an.

After last year's slowdown, investment in China's sodium-ion battery sector is rebounding in 2025, and one of the biggest projects yet has now entered the development pipeline. While many lithium-ion battery manufacturers in China are sold out and struggling to keep pace with demand from the energy.

An aerial drone photo taken on Aug. 21, 2024 shows a view of an energy storage station at Taiyangshan Township of Wuzhong, northwest China's Ningxia Hui Autonomous Region. (Xinhua/Yang Zhisen) NANJING, Jan. 24 (Xinhua) -- In an eastern Chinese coastal county of Rudong, a 35-story-high steel.

The company officially inaugurated the first phase of the Datang Hubei sodium ion



energy storage power plant scientific and technological innovation demonstration project, reaching a production capacity of 50 MW/100 MWh. This project opened on June 30, 2024, with battery cells supplied by Zhongke.



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[Energy storage poised to fuel China's growth-Xinhua](#)

In June last year, a 100-megawatt-hour sodium-ion energy storage project began operation, representing the first large-scale commercial use of sodium-ion energy storage ...

CATL expects sodium batteries to see widespread adoption ...

In 2026, sodium batteries will be used on a large scale in battery swap, passenger vehicles, commercial vehicles, and energy storage, CATL said. This comes amid a surge in ...



[World's largest sodium-ion project comes online in China](#)

The first phase of the world's largest sodium-ion battery energy storage system (BESS), in China, has come online.

[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 commercial operation of



sodium ion battery energy ...



CATL to Deploy Sodium-Ion Batteries at Scale in 2026

CATL will deploy sodium-ion batteries at scale in 2026 across swap, EV, and storage markets with Naxtra cells meeting China's new safety standard.



'World's largest' sodium-ion battery energy storage project

This is currently the world's largest sodium-ion battery energy storage project and marks a new stage in the commercial operation of sodium-ion battery energy storage systems, ...

- LiFePO₄
- Wide temp: -20°C to 55°C
- Easy to expand
- Floor mount&wall mount
- Intelligent BMS
- Cycle Life:≥6000
- Warranty :10 years



Sineng Electric launches world's largest sodium ...

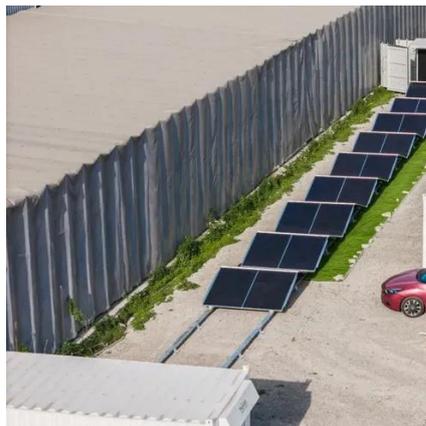
Sineng Electric has revealed that it has provided its string PCS MV stations for what it said is the world's largest sodium-ion BESS, and ...





[Hina Battery Unveils Massive Sodium-Ion Energy ...](#)

This project opened on June 30, 2024, with battery cells supplied by Zhongke Haina, making it the largest sodium-ion battery ...



['World's largest' sodium-ion battery energy storage ...](#)

This is currently the world's largest sodium-ion battery energy storage project and marks a new stage in the commercial operation of ...



[Massive 20 GWh sodium-ion battery ...](#)

While many lithium-ion battery manufacturers in China are sold out and struggling to keep pace with demand from the energy ...



Sineng Electric launches world's largest sodium-ion battery storage project

Sineng Electric has revealed that it has provided its string PCS MV stations for what it said is the world's largest sodium-ion BESS, and China's first 100 MWh-scale energy storage ...





World's largest sodium-ion project comes online in ...

The first phase of the world's largest sodium-ion battery energy storage system (BESS), in China, has come online.



CATL confirms 2026 large-scale sodium-ion battery deployment in

The development of sodium-ion technology has progressed alongside broader national energy storage and new energy vehicle strategies in China, with related policies and ...



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 ...



Lithium battery parameters

Product capacity: 100Ah

Product size: 135*197*35mm

Product weight: 1.82kg 197mm / 7.7in

Product voltage: 3.2V

internal resistance: within 0.5



Hina Battery Unveils Massive Sodium-Ion Energy Storage System

This project opened on June 30, 2024, with battery cells supplied by Zhongke Haina, making it the largest sodium-ion battery energy storage system in the world.



Massive 20 GWh sodium-ion battery manufacturing plant announced in China

While many lithium-ion battery manufacturers in China are sold out and struggling to keep pace with demand from the energy storage sector, investment is increasingly flowing ...





Contact Us

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