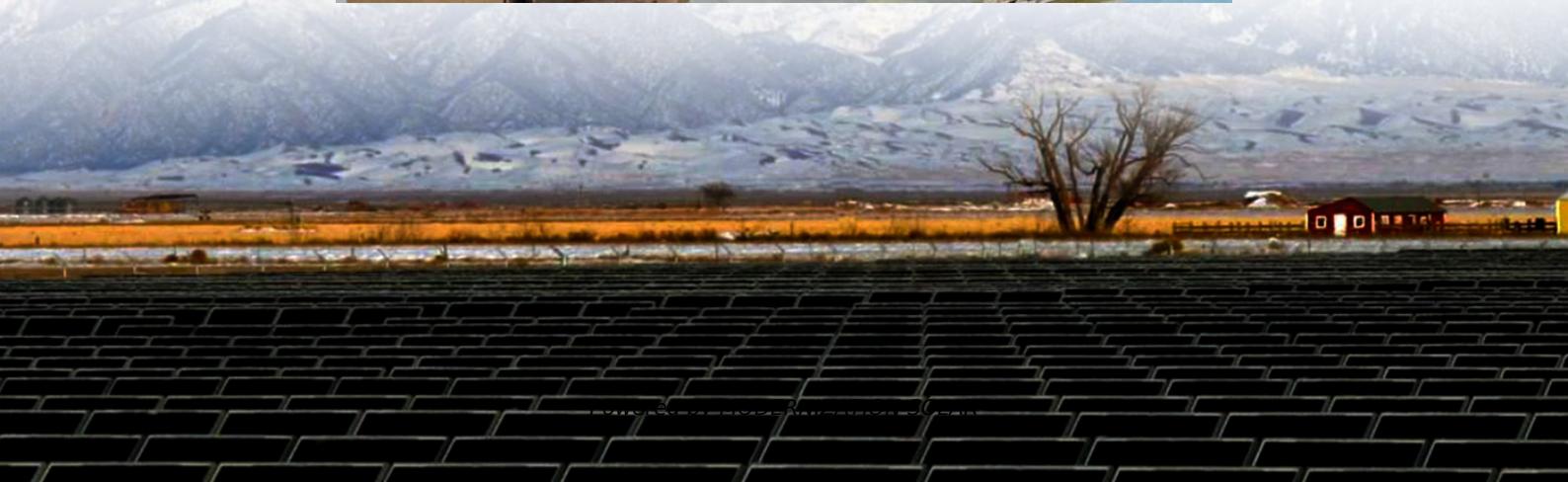




MODERNIZATION SOLAR

# First invitation to a large-capacity energy storage power station





## Overview

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What is the first large-scale sodium-ion battery energy storage station in China?

In May 2024, Southern Grid commissioned a 10 MWh sodium-ion battery energy storage station in Nanning, Guangxi province, the first large-scale sodium-ion battery energy storage station in China. The energy storage station can store 100,000 kWh of electricity on a single charge, which can meet the needs of around 12,000 households for a day.

Who makes the world's first high-capacity power sodium-ion batteries?

Hina Battery, a Chinese power battery maker, said yesterday that the energy storage station uses the world's first high-capacity power sodium-ion batteries made by the company. (Sodium-ion batteries used in the Baochi energy storage station. Image credit: Hina Battery).

What is the largest grid-forming energy storage station in China?

This marks the completion and operation of the largest grid-forming energy storage station in China. The photo shows the energy storage station supporting the Ningdong Composite Photovoltaic Base Project. This energy storage station is one of the first batch of projects supporting the 100 GW large-scale wind and photovoltaic bases nationwide.

How many kWh can a solar energy storage station store?

The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other existing sodium-ion batteries. It can store 800,000 kWh of electricity per day, which can be used by 270,000 households.



## First invitation to a large-capacity energy storage power station



### [China's 1st large-scale lithium-sodium hybrid ...](#)

May 27, 2025 · The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other

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### [China Launches Lithium-Sodium Hybrid Energy Storage](#)

Jun 4, 2025 · CSG has launched China's first large-scale lithium-sodium hybrid energy storage station in Wenshan Zhuang and Miao Autonomous Prefecture.



### [China Launches Lithium-Sodium Hybrid](#)

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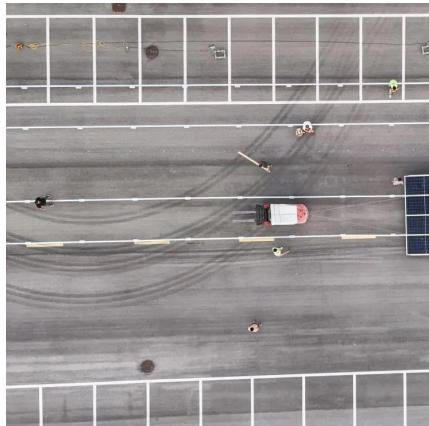
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## **China's 1st large-scale lithium-sodium hybrid energy storage station**

May 27, 2025 · The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other



existing sodium-ion batteries. It can store ...



## China Launches First Large-Scale Lithium-Ion Battery Energy Storage

Oct 14, 2025 · China's First Large Capacity Lithium Ion Battery Energy Storage Power Station Commences Operation On October 10, 2025, China's first large-scale lithium-ion battery ...



## [China's largest standalone battery storage project powers up](#)

4 days ago · A 500 MW / 2,000 MWh standalone BESS in Tongliao, Inner Mongolia, has begun commercial operation following a five-month construction period, reflecting China's ...



## [The World's First 600Ah+ Large Energy Storage Battery ...](#)

Sep 22, 2025 · The world's first 400MWh energy storage power station based on 628Ah large energy storage batteries achieved successful one-time power delivery.



## China's first high-capacity sodium-ion battery ...

May 12, 2024 · China's first large-scale sodium-ion battery energy storage station officially commenced operations on Saturday. The station will help ...



## Across China: Pioneering energy storage system lights up

Jul 13, 2025 · The world's first intelligent grid-forming photovoltaic and energy storage power station, tailored for ultra-high altitudes, low-temperatures and weak-grid scenarios, has been ...

## China's Largest Grid-Forming Energy Storage Station ...

Apr 9, 2024 · The station was built in two phases; the first phase, a 100 MW/200 MWh energy storage station, was constructed with a grid-following design and was fully operational in June ...



## First large-capacity sodium-ion energy storage power station ...

As the first large-capacity sodium-ion energy storage power station in China, after completing the technical validation "from 0 to 1", it has achieved a key leap towards large-scale application ...



## China's 1st large-capacity sodium-ion energy station ...

As China's first large-capacity sodium-ion battery energy storage station, this project is part of the national key research and development plan focusing on "hundred-megawatt-hour-level ...



## **China's first high-capacity sodium-ion battery storage station ...**

May 12, 2024 · China's first large-scale sodium-ion battery energy storage station officially commenced operations on Saturday. The station will help improve peak energy management ...

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