

The first grid battery energy storage goes into operation





Overview

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.

What is the first large-scale energy storage system in the world?

The first project of its kind in the world Large-scale energy storage systems using sodium-ion batteries are still rare. In May 2024, the first large-scale project of this type in China was launched in the Guangxi-Zhuang region, with a current capacity of 10 MWh.

How many kWh can a battery store a day?

It can store 800,000 kWh of electricity per day, which can be used by 270,000 households. China's first large-scale lithium-sodium hybrid energy storage station has been put into operation, capable of powering hundreds of thousands of homes, as sodium-ion batteries are more widely adopted.

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)



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[50MW/100MWh Sodium-ion ESS goes online ...](#)

Aug 7, 2024 · In the Hubei province in China, 50MW/100MWh is just the first phase of the sodium-ion battery energy storage system (BESS) project ...

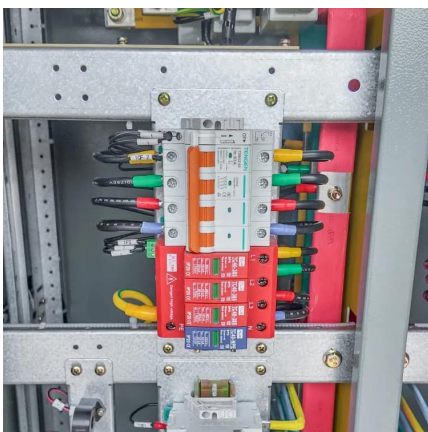
[China's 1st large-scale lithium-sodium hybrid energy storage ...](#)

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 ...



[Pioneering energy storage system lights up 'roof of the world'](#)

Dec 3, 2025 · SHENZHEN -- A quiet energy revolution is unfolding on the roof of the world, where air low in oxygen and merciless winters have long dictated the rhythm of life. The world's first ...

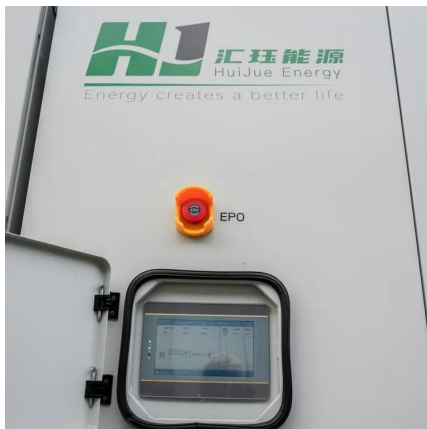


[China's first large-scale sodium-ion battery energy storage](#)

Recently, it was learned from China Southern Power Grid Company that Fulin Sodium-Ion Battery Energy Storage Station, China's first large-scale sodium-ion battery energy storage



facility, ...



[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 ...

China Launches World's First Grid-Forming Sodium-Ion Battery Energy

Jun 6, 2025 · China has officially introduced the world's first grid-forming Sodium-ion Battery energy storage facility. Located in Yunnan province, the Baochi Energy Storage Station is a ...



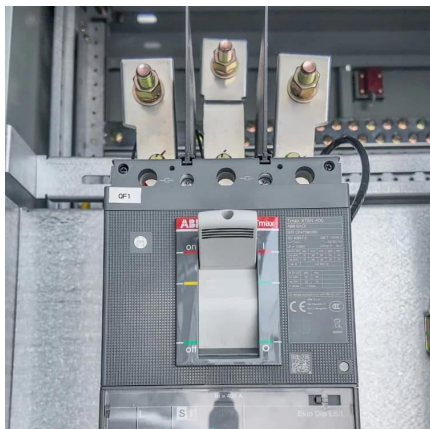
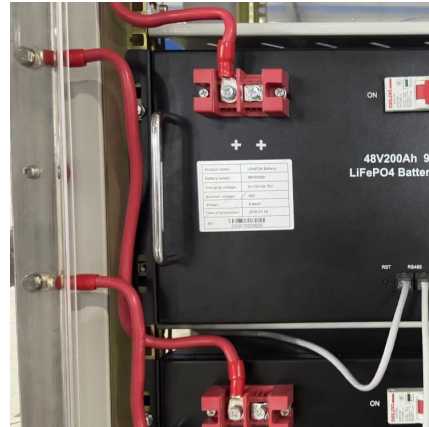
[World's largest sodium-ion project comes ...](#)

Jul 4, 2024 · The first phase of the world's largest sodium-ion battery energy storage system (BESS), in China, has come online. The first ...



50MW/100MWh Sodium-ion ESS goes online in China with

Aug 7, 2024 · In the Hubei province in China, 50MW/100MWh is just the first phase of the sodium-ion battery energy storage system (BESS) project spearheaded by Sineng Electric. The ...

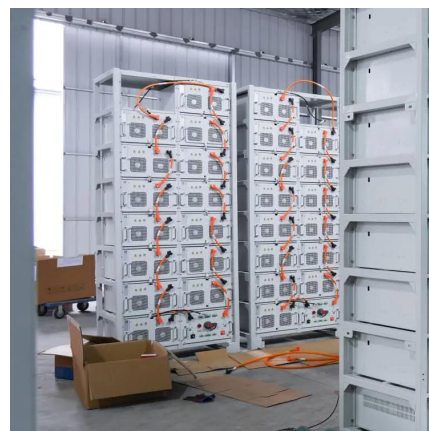


World's Largest Sodium-ion Battery Energy ...

Jul 1, 2024 · The power station is China's first 100 MWh-level sodium-ion energy storage project, marking the sodium-ion battery sector's entrance ...

New power system , China's first large-scale lithium-sodium ...

On May 25, China's first large-scale lithium-sodium hybrid energy storage station -- the Baochi energy storage station developed by CSG -- was officially put into operation in Wenshan ...



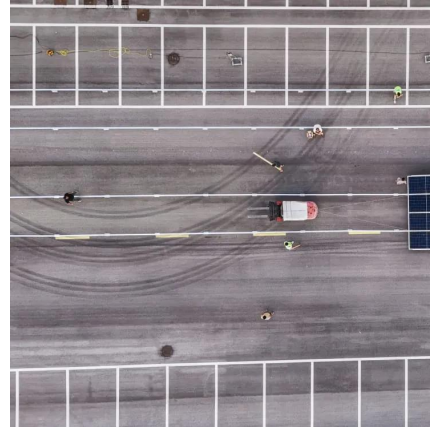
World's largest sodium-ion battery goes into operation

Jul 2, 2024 · The first phase of Datang Group's 100 MW/200 MWh sodium-ion energy storage project in Qianjiang, Hubei Province, was connected to the grid.



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

Jul 11, 2024 · The first part of the world's largest sodium-ion battery energy storage system (BESS) has been launched in China. State media Yicai Global and technology provider HiNa ...

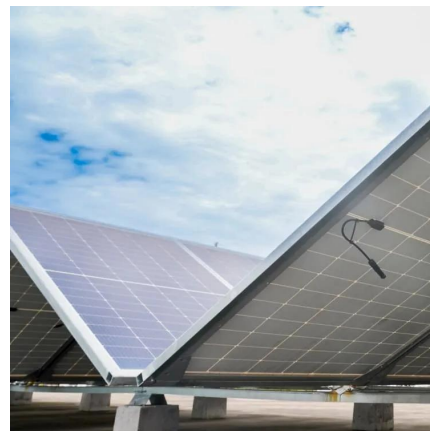


[World's largest sodium-ion battery goes into ...](#)

Jul 2, 2024 · The first phase of Datang Group's 100 MW/200 MWh sodium-ion energy storage project in Qianjiang, Hubei Province, was connected ...

World's Largest Sodium-ion Battery Energy Storage Project Goes ...

Jul 1, 2024 · The power station is China's first 100 MWh-level sodium-ion energy storage project, marking the sodium-ion battery sector's entrance into a new commercialization stage.



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

Jul 4, 2024 · 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 ...



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