

The first sodium-ion energy storage power station



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.

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).

Who developed the first sodium ion battery?

06 November 2025 The company has produced its first sodium-ion battery prototype and, in collaboration with Spanish research institute CIC energiGUNE, developed sodium. 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.

What is Datang Hubei sodium ion new energy storage power station?

The project represents the first phase of the Datang Hubei Sodium Ion New Energy Storage Power Station, which consists of 42 battery energy storage containers and 21 sets of boost converters. It uses 185 ampere-hour large-capacity sodium-ion batteries supplied by China's HiNa Battery Technology and is equipped with a 110 kV transformer station.

The first sodium-ion energy storage power station

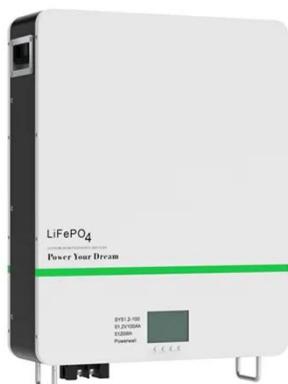


China launches world's first grid-forming sodium-ion battery storage

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 ...

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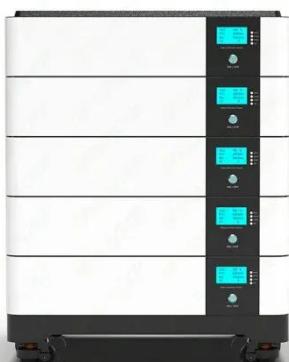
World's largest sodium-ion battery goes into ...

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China's first high-capacity sodium

battery

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



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

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

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

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



China Debuts World's First Grid-Forming Sodium-Ion Battery ...

China has officially launched the world's first grid-forming Sodium-ion Battery energy storage facility. The Baochi Energy Storage Station, located in

Yunnan province, comes as a ...



Hina Battery Unveils Massive Sodium-Ion ...

The company officially inaugurated the first phase of the Datang Hubei sodium ion energy storage power plant scientific and technological ...



World's largest sodium-ion battery goes into operation

The project represents the first phase of the Datang Hubei Sodium Ion New Energy Storage Power Station, which consists of 42 battery energy storage containers and 21 sets of ...

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 ...

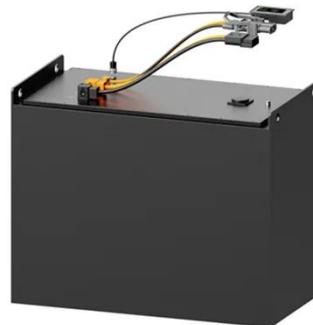


China's first high-capacity sodium battery

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

50MW/100MWh Sodium-ion ESS goes online ...

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



China launches world's first grid-forming ...

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



Sodium-ion Battery Energy Storage Technology is ...

Driven by the global energy transformation and carbon neutrality goals, energy storage technology has become a key support for the new energy system. On J, ...



China First Demonstrates the 100 kWh Na-ion ...

The world's first energy storage power station based on the 100 kWh Na-ion battery (NIB) system was launched on 29th March, ...

Largest sodium-ion battery energy storage project operating

The first phase of China Datang's sodium-ion battery energy storage power station project was put into operation Sunday in Qianjiang, Hubei Province.

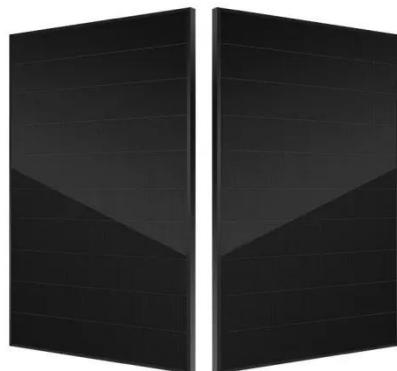


China's 1st large-scale lithium-sodium hybrid energy storage station

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 ...

Yunnan's Baochi Energy Storage Station Pioneers Grid-Forming Sodium-Ion

The Baochi Energy Storage Station recently commissioned by China Southern Power Grid (CSG) is a significant development in the renewable energy sector. Located in ...



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

The first phase of the world's largest sodium-ion battery energy storage



system (BESS), in China, has come online.

China's First Large-Scale Lithium-Sodium Hybrid Energy Storage Station

On Sunday, China launched its first large-scale lithium-sodium hybrid energy storage station, the Baochi Energy Storage Station, in Yunnan Province. This facility, spanning ...



China's 1st large-scale lithium-sodium hybrid ...

The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other ...



LFP 48V 100Ah

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

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station will help improve peak energy management ...



China Datang Corporation Ltd.

On J, the phase I project of the Datang Hubei 100 MW/200 MWh sodium-ion new energy storage power station sci-tech ...



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

They developed a 210 Ah sodium-ion storage battery and the country's first 10 MWh energy storage system, which was applied in the first phase of the project.

This effort filled ...



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.

215kWh

8,000+ Cycles Lifetime

IP54 Protection Degree



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