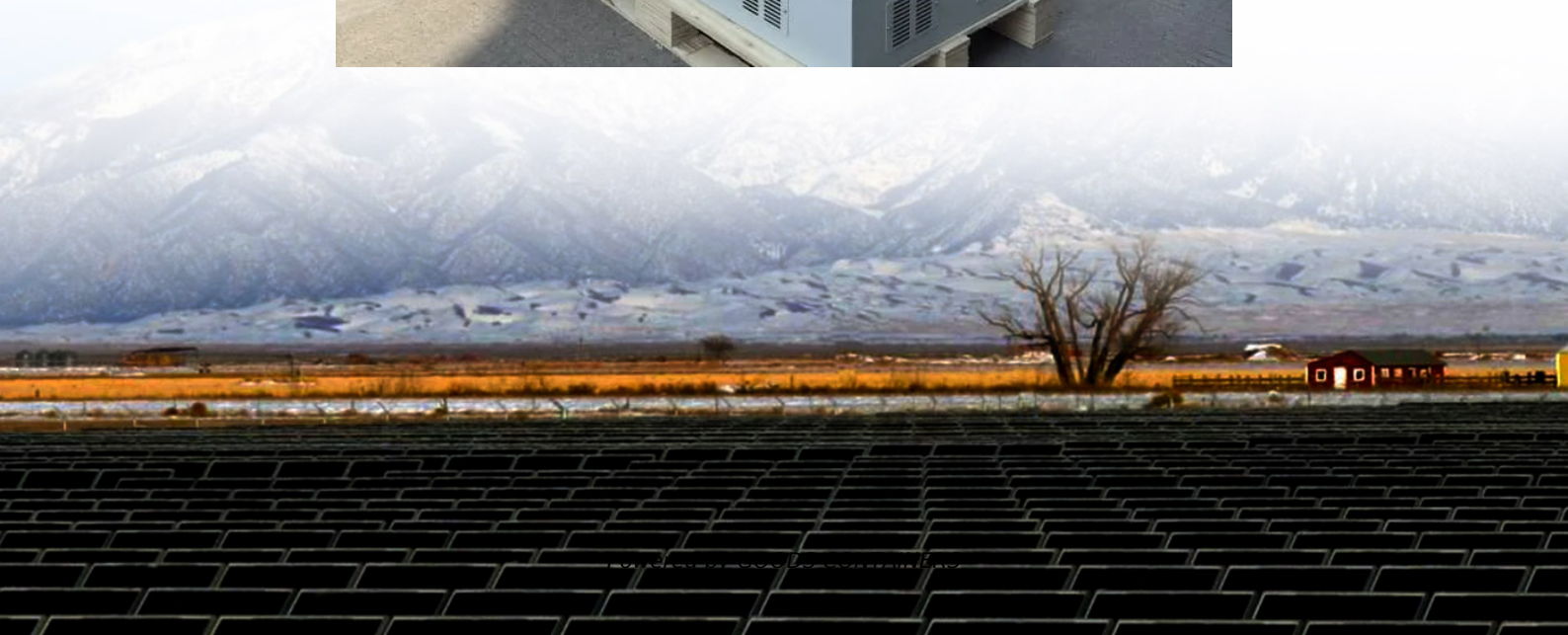


# Heishan Sodium Ion Energy Storage Project





## Overview

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What is the largest sodium ion battery storage system in the world?

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. The storage system consists of 42 battery containers and 21 integrated booster and conversion machines, in addition to a 110 kV booster station.

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.

How much does the sodium-ion energy storage project cost?

When complete, the Datang Hubei solar park's Sodium-ion Energy Storage Project will offer 200 MWh capacity at the cost of about \$27.5 million spread over 30 acres, and that would be enough to keep the lights on at 24,000 households.

Could a sodium-ion grid battery be a harbinger of a future?

The largest sodium-ion grid battery project so far has been put into operation as a harbinger of things to come for electric utilities. They are now facing the ungrateful task of balancing the intermittent supply from renewables with energy storage systems on the cheap, and the affordable sodium-ion battery technology offers a way forward.



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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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Jul 3, 2024 · Connected to the network a storage project of 100 MWh of capacity in the province of Hubei, thus becoming the largest energy storage system with sodium-ion batteries operating in ...



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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 ...



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Jul 1, 2024 · The energy storage project includes 42 energy storage warehouses and 21 machines integrating energy boosters and converters, using large-capacity sodium-ion ...



[Largest sodium-ion battery system comes online to balance ...](#)

Jul 2, 2024 · Armed with government R& D grants and the need to balance renewable energy in the national electricity grid, HiNa Battery has unveiled the world's biggest sodium-ion storage ...



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Jul 2, 2024 · 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. (A 100 MWh-scale energy ...



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

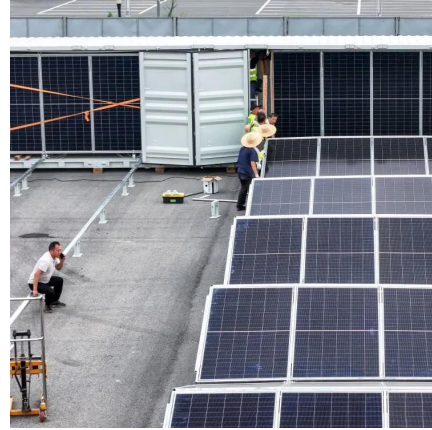
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Jul 4, 2024 · The 100 MWh project in Qianjiang demonstrates the scalability of sodium-ion technology. The system, built using 185 Ah sodium-ion batteries from HiNa Battery, comprises ...



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