



The world's first 1MWh sodium-ion battery energy storage system is put into operation

LiFePO₄ Battery, safety

Wide temperature: -20~55°C

Modular design, easy to expand

The heating function is optional

Intelligent BMS

Cycle Life: > 6000

Warranty: 10 years





Overview

July 12, 2024: The first phase of China's state-owned Datang Group's new energy storage power station has been connected to the grid in Qianjiang, Hubei Province, making it the world's largest operating sodium-ion battery storage system. The battery technology, aiming to hit public roads by mid-2026, could significantly reduce fire risks while improving performance in extreme heat and cold. The debut model, GS-1.1, is the first commercially available sodium-ion battery energy storage system built for grid-scale deployment. Powered by NFPP chemistry, it operates without active cooling— a global first at scale. Leading global battery maker CATL and Changan Automobile unveiled the world's first passenger EV powered by a sodium-ion battery on Thursday. China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy. Today, the world's first 1mwh sodium ion battery optical storage and charging intelligent microgrid system is officially put into operation in Taiyuan, Shanxi Province.



The world s first 1MWh sodium-ion battery energy storage system is



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 China accelerates its ...



[The world s first sodium-ion energy storage system](#)

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CATL unveil world's first sodium-ion EV with about 248-mile range

China unveils world's first sodium-ion battery-powered EV with 248-mile range CATL says the battery delivers triple LFP power at -30°C, keeps over 90% range at -40°C, and stays stable ...



[More Sodium-Ion Batteries Are Suddenly Emerging](#)

New sodium-ion batteries are pouring into the global market, with US-based Unigrid among those contending for international energy storage off-takers (cropped, courtesy of Unigrid).



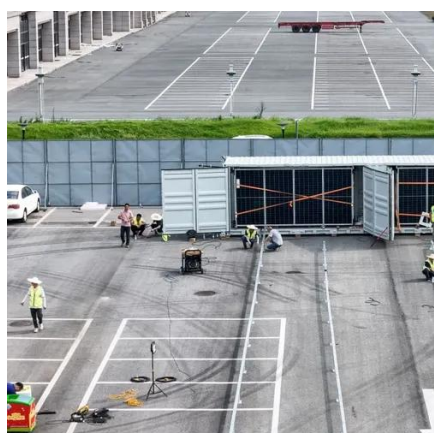
First sodium-ion battery EV debuts and it could be a game changer

CATL unveils world's first sodium-ion battery EV
CATL and Changan unveiled the new vehicle on Thursday, deeming it the world's first mass-produced EV with sodium-ion batteries.



Naxtra: CATL unveils first sodium-ion EV battery in mass production

CATL, the Chinese battery manufacturer and global leader in energy storage, has officially launched Naxtra, the world's first sodium-ion battery for electric vehicles to reach mass ...



1MWh sodium-ion battery energy storage system put into operation

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The World's First Sodium-Ion Battery



EV Is A Winter Range Monster

Chinese battery giant CATL and automaker Changan Automobile are preparing to put the world's first passenger car powered by sodium-ion batteries on public roads by mid-2026. And if the launch is



EVE Energy's First Sodium-Ion Battery Storage System Enters ...

On September 17, Chinese battery maker EVE Energy announced the successful connection of its first large-scale sodium-ion battery storage system to the grid at its Jingmen base. ...

Peak Energy

GS-1.1 is the first commercially available sodium-ion battery energy storage system built for grid-scale deployment. Powered by NFPP chemistry, it operates without active cooling- a global first at scale. ...





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