



# Naxin New Energy solar container lithium battery Pack





## Overview

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Yesterday marked a historic leap in energy innovation as CATL (Contemporary Amperex Technology Co. Limited) launched its revolutionary "NaXin" sodium-ion battery series at its inaugural "Super Tech Day." This breakthrough not only redefines the boundaries of battery technology but also accelerates.

Shanghai (Gasgoo)- On April 21, CATL unveiled two groundbreaking battery technologies at its Supertech Day. The second-generation Shenxing ultra-fast charging battery became the world's first lithium iron phosphate (LFP) battery to offer both 800 kilometers of range and 12C peak charging.

CATL announced it expects a new trend of "sodium and lithium batteries shining brightly together." Chinese battery giant CATL has detailed a wider and larger-scale deployment of its sodium-ion battery range across multiple sectors, including battery storage. Chinese media reports said that CATL, at

According to Gao Huan, the Chief Technology Officer for domestic passenger and commercial vehicles at CATL, the introduction of sodium-ion batteries is aimed at large-scale production, leveraging the abundant availability of sodium resources. This shift is expected to significantly reduce reliance.

CATL has introduced sodium-ion batteries with a potential cost reduction to \$10/kWh, using sodium's abundance and safety to address energy storage challenges. Sodium-ion batteries are a sustainable alternative to lithium-ion technology, offering lower costs, inherent safety, and suitability for EVs.

Contemporary Amperex Technology Co. Limited (CATL), a global leader in battery technology, has made significant strides in sodium-ion batteries. In 2025, CATL unveiled the Naxtra Sodium-ion Battery platform, officially bringing lithium-free



energy storage solutions into mass production. The.



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### [CATL Sodium-Ion Batteries Cuts Costs By 90% : ...](#)

Achieving a \$10/kWh cost could significantly lower EV and energy storage prices, but questions remain about scalability, technical ...

### **CATL confirms significant upgrade to sodium-ion battery product ...**

They include an expansion in applications to include energy storage, plus use in battery swap systems, passenger vehicles, and commercial vehicles. CATL said this ...



### [Breaking News: CATL Unveils Game-Changing ...](#)

This breakthrough not only redefines the boundaries of battery technology but also accelerates the global transition to sustainable energy.



### [CATL Naxtra: Sodium-Ion Batteries Take Center Stage](#)

They provide performance levels comparable to today's lithium iron phosphate (LFP) batteries, with notable advantages in safety, cold-weather reliability, and sustainability. ...



### **CATL Sodium-Ion Batteries Cuts Costs By 90% : \$10/kWh Energy ...**

Achieving a \$10/kWh cost could significantly lower EV and energy storage prices, but questions remain about scalability, technical feasibility, and competition with lithium-ion ...



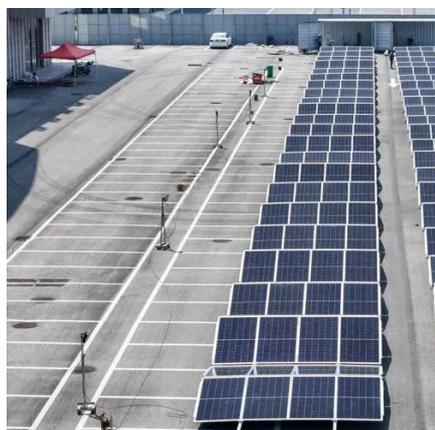
### [CATL Expands Product Line with New Sodium-Ion ...](#)

The dual-core design means the battery pack contains two independent energy zones, featuring five key dual-core functions, ...



### [5 Key Takeaways From CATL's Naxtra Sodium-Ion ...](#)

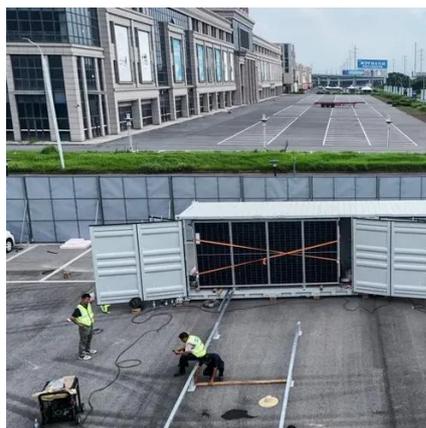
According to Gao Huan, Chief Technology Officer of CATL's sodium-ion division, Naxtra batteries offer a viable, lithium-free solution to ...



### **EV battery leader CATL is launching new cell technology in 2026**



According to CATL, the new battery tech "efficiently reduces dependence on lithium resources and strengthens the foundation of new energy technologies, while promoting energy ...



### [CATL unveils 2nd-gen Shenxing ultra-fast ...](#)

Equipped with 12C ultra-fast charging technology, the new battery boasts a peak charging power exceeding 1.3 megawatts and ...



### [Naxtra Battery Breakthrough & Dual-Power ...](#)

With sodium's inherent safety and abundant reserves, it efficiently reduces dependence on lithium resources and strengthens the ...



### **CATL unveils 2nd-gen Shenxing ultra-fast charging, Naxin ...**

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### **Naxtra Battery Breakthrough & Dual-Power Architecture: CATL ...**



With sodium's inherent safety and abundant reserves, it efficiently reduces dependence on lithium resources and strengthens the foundation of new energy technologies, ...



### **CATL Expands Product Line with New Sodium-Ion Battery Brand "NAXIN"**

The dual-core design means the battery pack contains two independent energy zones, featuring five key dual-core functions, including high-pressure, low-pressure, structural, ...

### **Breaking News: CATL Unveils Game-Changing Sodium-Ion Battery "NaXin"**

This breakthrough not only redefines the boundaries of battery technology but also accelerates the global transition to sustainable energy.



### [CATL Makes Big Announcement on Sodium Batteries for 2026](#)

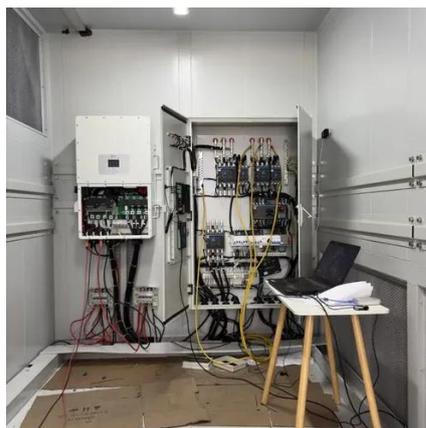
Naturally, CATL doesn't want to or expect to make its many lithium-ion battery production lines and market offerings obsolete, and certainly no time soon!



### **5 Key Takeaways From CATL's Naxtra Sodium-Ion Battery Launch**



According to Gao Huan, Chief Technology Officer of CATL's sodium-ion division, Naxtra batteries offer a viable, lithium-free solution to meet the growing global demand for ...



### [CATL Naxtra: Sodium-Ion Batteries Take Center ...](#)

They provide performance levels comparable to today's lithium iron phosphate (LFP) batteries, with notable advantages in safety, cold ...





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