

**EQACC SOLAR**

# **Sodium battery pack equipment**



## Overview

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Is everyone pulling the plug on sodium-ion battery technology?

Not everyone is pulling the plug on sodium-ion battery technology though. At its first ever 'Super Tech Day' in April 2025, mainland China-based Contemporary Amperex Technology Co., Limited (CATL) unveiled its production-ready Naxtra range of low- and high-voltage sodium-ion batteries for EVs.

What are sodium ion batteries?

Sodium-ion batteries are a type of battery that uses sodium as its main component instead of lithium. Unlike lithium, which is relatively scarce and expensive, sodium is derived from common salt, making sodium-ion batteries more sustainable and cost-effective.

When will naxtra sodium ion EV battery pack come out?

Now Chinese battery giant Contemporary Amperex Technology (CATL) says it expects to bring its Naxtra sodium-ion EV battery pack into mass production by the end of 2025. "Sodium-ion battery technology is no longer a research achievement in laboratories," Gao Huan, Chief Technology Officer for EV Business at CATL, told reporters.

Are sodium-ion batteries the future of low-voltage batteries?

According to S&P Global Mobility battery expert Ali Adim, there is an opportunity for sodium-ion batteries to see wider adoption in the low-voltage battery segment, thanks to their excellent performance in freezing temperatures. "Starter batteries present a compelling opportunity for sodium-ion adoption, thanks to their cold cranking capability.

## Sodium battery pack equipment

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### New sodium-ion developments from CATL, BYD, Huawei

Last month, it unveiled its Freevoy hybrid battery pack, which combines sodium-ion batteries and lithium-ion batteries and is specifically designed for extended-range electric ...

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### 12V sodium battery for EV systems promises 5,000+ cycles, ...

US firm's 12V sodium battery promises 5,000+ cycles, 10x more life for EV systems The technology supports various cell sizes and configurations to fit different equipment.

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### CATL plans to mass-produce Naxtra sodium ...

Some expect sodium, which is cheaper and more readily available than such materials as lithium, cobalt and nickel, to power the ...

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## CATL plans to mass-produce Naxtra sodium-ion EV battery packs ...

Some expect sodium, which is cheaper and more readily available than such materials as lithium, cobalt and nickel, to power the next generation of EV battery technology. ...

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## 12 Volt Sodium Ion Battery: The Future of ...

Discover why 12 volt sodium ion battery packs are cost-effective, safe, and ideal for 12V rechargeable systems in solar, telecom.

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## Sodium Ion Battery Pack Assembly

FAQs What are the main advantages of sodium-ion battery packs manufactured with Lithium Battery Company's equipment? COST-EFFECTIVENESS: Sodium is more abundant ...

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## 12 Volt Sodium Ion Battery: The Future of Rechargeable Power Packs

Discover why 12 volt sodium ion battery packs are cost-effective, safe, and ideal



for 12V rechargeable systems in solar, telecom.

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## High-Quality Sodium Ion Battery Machines , TERTRON

TERTRON provides advanced sodium-ion battery equipment, including sorting, labeling, welding, and testing machines. Designed for precision, efficiency, and seamless integration to optimize ...



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## From lab to market with sustainable sodium-ion batteries

This Review provides an overview of various sodium-ion chemistries with respect to key criteria, including sustainability, before discussing potential solutions, market prospects ...

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## CATL Sodium-Ion Batteries Cuts Costs By 90

CATL's sodium-ion batteries promise

\$10/kWh storage and 90% lower costs.  
See how they could transform EVs and  
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## Top 18 Sodium-Ion Battery Manufacturers 2024: CATL, ...

Comprehensive analysis of global sodium-ion battery producers: \$30B market data, 160+ Wh/kg technologies, gigafactory maps, and procurement strategies for commercial buyers.

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## Sodium-ion battery technology: So near and yet so far

15 hours ago Discover the possibilities of sodium-ion battery technology as a viable alternative to lithium-ion, addressing supply chain and environmental challenges in EVs.

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