

## SolarInvert Energy Solutions

# Sodium-ion energy storage battery mass production



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### Chery and CATL Tackle Solid-State Sodium-Ion Battery Mass Production

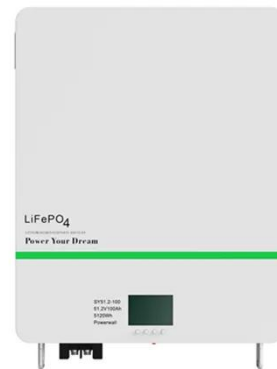
Chinese battery titan CATL and automotive manufacturer Chery are setting the pace by incorporating sodium-ion batteries into vehicles and energy storage systems.

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

Now Chinese battery giant Contemporary Amperex Technology (CATL) says it expects to bring its Naxtra sodium-ion EV battery pack into ...

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### CATL: World's first mass-produced sodium ion battery is here

Chinese battery producer CATL has unveiled Naxtra, claiming it is the world's first mass-produced sodium ion battery. At its inaugural Super Tech Day, the company also ...

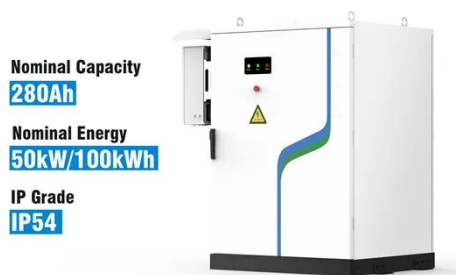
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### In-depth analysis of the sodium-ion battery mass ...

A sodium-ion battery refers to a secondary battery that uses sodium ions as a charge carrier. At present, with the increasing demand for ...

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## CHINA'S NA-ION BATTERY INDUSTRY RUSHING TO ...

There are several candidates for the cathode material, with the three most promising being large-capacity layered oxides, highly stable polyanionic compounds, and high ...

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## The Sodium-Ion Battery Is Coming To Production ...

BYD sources say its sodium-ion battery will also be in mass production in the second half of the year beginning with the Seagull. BYD ...

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## 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



Efficient  
Higher Revenue



Intelligent  
Simple O&M



Flexible  
Abundant Configuration

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Oversizing
- Max. PV Input Current 16A, Compatible with High-Power Modules
- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection
- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-Acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation

vehicles to reach ...

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## First mass-produced sodium-ion battery with 300 ...

The world's biggest EV battery maker has piloted the mass production of a long-range sodium-ion pack for passenger cars for the first time.

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## Benchmarking state-of-the-art sodium-ion battery cells

A recent study by Fraunhofer FFB and the University of Münster finds sodium-ion batteries nearing mass production. Already a sustainable option for lower energy needs, ...

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## Naxtra: CATL unveils first sodium-ion EV battery in ...

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

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### **Natron Energy: Pioneering US Sodium-Ion Battery Production ...**

Natron Energy's pioneering sodium-ion battery facility in Holland, MI, reshapes the US energy landscape and marks a pivotal moment in energy storage.

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### **CATL sodium-ion battery nears LFP energy density at ...**

The world's biggest battery maker issued an update on the mass production plans for its second sodium-ion battery generation. Apparently, ...

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### **World's Largest Battery Maker Introduces Game-Changing Sodium-Ion**

A Bright Future for EVs The benefits of sodium-ion batteries extend beyond performance. By reducing reliance on



lithium mining, the environmental impact tied to battery ...

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### **Hina Battery Unveils Massive Sodium-Ion Energy ...**

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

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### **Sodium-Ion Batteries: What You Need to Know? , IMI**

The electric vehicle (EV) industry is pushing for sustainability and cleaner energy solutions, with battery technology at its core. While lithium-ion ...

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### **CATL to mass-produce cheaper, efficient sodium-ion EV batteries**

Contemporary Amperex Technology (CATL), which counts Tesla and BMW among its biggest clients, will mass-produce by the end of this year its



Naxtra sodium-ion battery ...

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## High Voltage Solar Battery



## Chery and CATL Tackle Solid-State Sodium-Ion Battery Mass ...

Chinese battery titan CATL and automotive manufacturer Chery are setting the pace by incorporating sodium-ion batteries into vehicles and energy storage systems.

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## Sodium-Ion Batteries for Stationary Energy Storage

CATL has unveiled sodium-ion battery prototypes with improved energy densities exceeding 200 Wh/kg, aimed at both stationary storage and ...

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## CATL Introduces First Mass-Produced Sodium-Ion Battery

Designed for all-weather performance, the Naxtra Battery retains 90% usable power at -40°C and withstands heat up to 70°C. With a range of 500 kilometers

and over ...

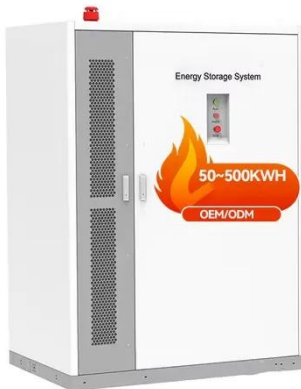
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## CATL to mass-produce cheaper, efficient sodium-ion ...

Contemporary Amperex Technology (CATL), which counts Tesla and BMW among its biggest clients, will mass-produce by the end of this year ...

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

Sodium-ion batteries are undergoing a critical period of commercialization with Chinese cleantech juggernauts actively working on their products.

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## CATL's Naxtra sodium-ion battery passes new national safety ...

4 days ago· CATL previously announced in April that its Naxtra sodium-ion battery would begin mass production in December 2025, with initial deployment



in its Choco-swap electric vehicle ...

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### **CATL: World's first mass-produced sodium ion battery ...**

Chinese battery producer CATL has unveiled Naxtra, claiming it is the world's first mass-produced sodium ion battery. At its inaugural Super ...

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### **CATL to mass-produce cheaper, efficient sodium-ion ...**

The mass production of Naxtra packs reflects CATL's efforts not only lead the global market for sodium-ion EV batteries, but also to counter ...

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### **Sodium-ion batteries in 2025: a snapshot of the fast-emerging ...**

With CATL's Naxtra heading for mass production and more than 100 GWh of cumulative capacity now financed across three continents, sodium-ion is no longer

a lab curiosity.

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## Sodium-Ion Batteries for Stationary Energy Storage

CATL has unveiled sodium-ion battery prototypes with improved energy densities exceeding 200 Wh/kg, aimed at both stationary storage and EV applications. Mass production ...

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## Sodium-ion Startup Peak Energy Closes Series A, Targets 2027 Mass

Sodium-ion startup Peak Energy has made significant strides in advancing energy storage technology. Based in Denver, Colorado, and San Francisco, California, Peak Energy ...

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## First mass-produced sodium-ion battery with 300 miles range ...

The world's biggest EV battery maker has piloted the mass production of a long-range sodium-ion pack for passenger cars for the first time.

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### First mass-produced sodium-ion battery with 300 ...

The world's biggest EV battery maker has piloted the mass production of a long-range sodium-ion pack for passenger cars for the first ...

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### Non-Explosive! CATL's Sodium-Ion Battery: 175Wh/kg ...

Its energy density reaches 175Wh/kg, which exceeds the current mass production level of the sodium-ion battery industry and is close to the ...

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

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.

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