

**Espay Solar Energy S.L.**

# **The world s first sodium-ion energy storage battery**



## Overview

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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. Infrastructure-ready, drop-in compatible, and built for harsh environments. Chinese battery giant CATL and automaker Changan have unveiled the world's first passenger car powered by sodium-ion batteries. 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 vehicle showcased was the. GS-1. CATL introduced its Naxtra line of batteries earlier in 2025 and has now announced plans for volume production of sodium-ion batteries this year, with integration into production. CATL has officially unveiled the Naxtra Battery, claiming it to be the world's first Sodium-ion Battery produced on a mass scale. The announcement at CATL 's Super Tech Day marks a significant milestone in the energy industry, as Naxtra harnesses sodium's natural advantages to push beyond resource. Battery manufacturer CATL is set to begin equipping electric vehicles with sodium-ion batteries by the middle of the year, marking a major leap forward for alternative power technology.

## The world's first sodium-ion energy storage battery

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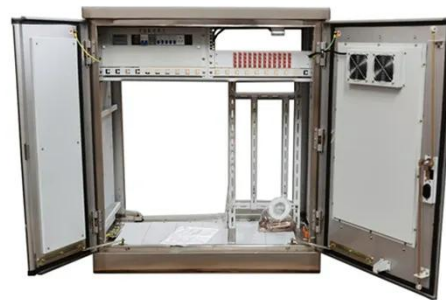


### Why Sodium-Ion Batteries Are Happening Now

Battery technology is strategic for the world's largest battery companies. Technology advancements enabled electric vehicles and energy storage to displace legacy solutions.

### The World's First Passively-Cooled Grid Scale Energy Storage System

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. ...



### The World's First Sodium-Ion Battery EV Is A Winter Range Monster

It's the beginning of a "dual chemistry era" as sodium-ion batteries have overcome all hurdles to enter mass production.

### Tech giant announces plans to

## launch world's first-of-its-kind EV

Battery manufacturer CATL is set to begin equipping electric vehicles with sodium-ion batteries by the middle of the year.



## 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 ...

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

CATL has officially unveiled the Naxtra Battery, claiming it to be the world's first Sodium-ion Battery produced on a mass scale. The announcement at CATL 's Super Tech Day marks a ...



## 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 ...



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### **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.



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### **The world's first sodium-ion battery EV is here and it could be a game**

Leading global battery maker CATL and Changan Automobile unveiled the world's first passenger EV powered by a sodium-ion battery on



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

On February 4th, CATL and Changan unveiled what they described as the world's first mass-produced EV powered by sodium-ion batteries, marking a

milestone for next-generation ...



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