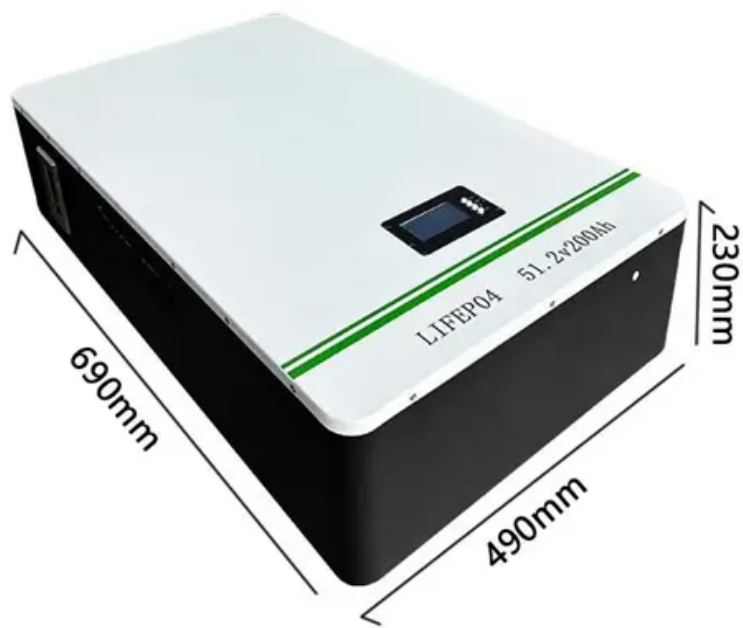


Catl new battery technology



Overview

On April 14, CATL unveiled three groundbreaking EV battery products at its inaugural Super Tech Day: The Freevoxy Dual-Power Battery, Naxtra - the world's first mass produced sodium-ion battery, and the second-generation Shenxing Superfast Charging Battery. On April 14, CATL unveiled three groundbreaking EV battery products at its inaugural Super Tech Day: The Freevoxy Dual-Power Battery, Naxtra - the world's first mass produced sodium-ion battery, and the second-generation Shenxing Superfast Charging Battery. CATL says the battery delivers triple LFP power at -30°C , keeps over 90% range at -40°C , and stays stable down to -50°C . The new Naxtra battery will be installed in Changan EVs this week for winter testing in northern China's Inner Mongolia region. CATL Chinese battery giant CATL and automaker. CATL announced on January 14, under ideal conditions, its next generation battery will retain 80% of its capacity after 3000 full charge/discharge cycles at 5C, which translates into an expected battery life of more than 1. The vehicle showcased was the. Contemporary Amperex Technology (CATL) has deployed the world's first sodium-ion batteries in passenger cars, as it aims to stay ahead in China's fiercely competitive electric vehicle (EV) market amid price volatility in traditional lithium-ion batteries. The headline announcement was CATL's innovative.

Catl new battery technology



Naxtra Battery Breakthrough & Dual-Power Architecture: CATL

...

CATL's Naxtra Battery breaks through the performance boundaries of the material itself, achieving the mass production of sodium-ion batteries for the first time.

CATL claims a new battery breaks the old rules on fast charging and

CATL is promoting a new "5C" battery with ultra-fast charging and long-life lab results, including 80% capacity after 3,000 cycles at ~20°C and 1,400 5C cycles at 60°C. Real-world rollout



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.



China's CATL tests EVs - and lithium's dominance - with pioneering

The Naxtra battery, more price-stable and cold-resistant than the lithium-ion units now powering most EVs, will undergo its first tests this week.



CATL presents three new battery breakthroughs at 'Super Tech Day'

Among the new developments are the Freevoy Dual-Power Battery, the sodium-ion battery Naxtra, and the second-generation Shenxing Superfast Charging Battery. Additionally, CATL ...

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 ...



CATL Shares Details Of Next Generation 5C Battery



CATL keeps pushing the boundaries of battery technology. Its latest announcement is about batteries that can charge at 5C.

Battery giant CATL showcases three innovations: 1500km range battery

Chinese battery manufacturer Contemporary Amperex Technology Co. Limited (CATL) unveiled three battery technologies at its "Tech Day" event on April 21, potentially reshaping the ...



CATL Sodium-Ion Batteries Cuts Costs By 90%

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 ...

EV battery giant CATL says its tech is even better than Tesla

China's Contemporary Amperex

Technology (CATL), the world's largest producer of electric vehicle batteries, has unveiled an upgraded battery it says promises an even longer range ...



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