

On March 17, 2025, CATL and NIO signed a strategic partnership in Ningde, Fujian. Together, the two parties will jointly build the world's largest battery swapping network and promote the standardization of industry ...

On April 19, CATL launched condensed battery, an innovative cutting-edge battery technology in Auto Shanghai. With an energy density of up to 500 Wh/kg, it can achieve high energy density and high level of safety at the same time in ...

Contemporary Amperex Technology Co., Limited (CATL) is a global leader in the development and production of advanced lithium-ion batteries and energy storage solutions. Founded in ...

Innovative Technology, CATL; BATTERIES INNOVATION ROADMAP 2035, Versions V3.0, June 2024, EuroBat 2035; BYD targets 15% cost reduction with blade battery 2.0, CarNewsChina ; Progress in ...

Jointly launched by CATL in collaboration with nearly 100 partners, the Choco-Swap ecosystem marked a historic step toward the standardization of electric vehicle battery swapping. As a global leader in ...

Using battery directional recycling technology and raw material synthetic technology, CATL took the lead in the industry to address the issue of 'waste reduction and recycling' Large Recycling Scale 240+ Waste Battery ...

On August 16, CATL launched Shenxing, the world's first 4C superfast charging LFP battery, capable of delivering 400 km of driving range with a 10-minute charge as well as a range of over 700 km on a single full charge. Shenxing is ...

On November 18, CATL, the world's largest battery manufacturer, announced its second-generation sodium-ion battery, mass production of which would begin in 2027. The China-based company said the ...

CATL's research focuses on the sulfide route, a promising technology within the solid-state battery domain. The company has recently achieved a critical milestone by entering ...

Any disruption in CATL's operations could have a cascading effect on automakers worldwide. As a testament to CATL's growing importance, we're going to look at eight notable EVs that are (or will soon be) powered by ...

The world's leading maker of electric vehicle batteries, Chinese firm CATL, posted a 32.9% jump in first quarter profit, even as demand for electric vehicles slows.

CATL has announced the launch of their second-generation Sodium-ion Battery at the World Young Scientists Summit.. Introduction to CATL's Sodium-ion Battery. The focus keyphrase here is the second ...

The partnership aims to expand self-driving services across China and develop "competitive" autonomous vehicles and battery-swapping technology. CATL will contribute its ...

battery self-heating technology, the battery is able to warm up to 60°C per minute without additional cost. Free to drive in cold and heat Owing to the high energy density NCM ...

CATL, or Contemporary Amperex Technology Co. Limited, is a Chinese battery manufacturer and technology company that specializes in the production of lithium-ion batteries for electric vehicles and energy storage ...

Wu Kai, Chief Scientist of CATL, speaks at the 2022 China EV 100 Forum;A year ago, Robin Zeng, chairman of CATL, foretold for the first time to the industry that EV battery would usher in its TWh era in the next five ...

CATL's condensed battery technology aims to address these challenges head-on by introducing several key innovations: 3D Honeycomb Anodes: The condensed battery features anodes with a unique 3D ...

On June 23, CATL launched Qilin, the third generation of its CTP (cell-to-pack) technology. With a record-breaking volume utilization efficiency of 72% and an energy density of up to 255 Wh/kg, it achieves the highest integration level ...

China's CATL introduced its new Shenxing Plus EV battery, capable of just that. CATL claims the new EV battery is the world's first with 4C ultra-fast charging and +620 miles (1,000 km)...

China's CATL chairman said to Reuters that Tesla CEO Elon Musk's big bet on cylindrical 4680 battery technology will "never be successful."

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