

CATL is showing novel "Condensed Battery" technology in Shanghai, which claims an energy density of 500 Wh/kg at the cell level. The Chinese battery giant considers it suitable for electric aircraft but also ...

Contemporary Amperex Technology Co., Limited (CATL) is a global leader in the development and manufacturing of lithium-ion batteries, with businesses covering R& D, manufacturing and sales in battery systems for ...

Contemporary Amperex Technology Co., Limited (CATL) is a global leader in new energy innovative technologies, committed to providing premier solutions and services for new energy applications worldwide. ...

CATL has announced a new style of battery destined to create a cleaner, longer-range generation of plug-in hybrids. ... When it comes time to charge, the Freevoy battery benefits from CATL's 4C ...

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 the trial ...

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 ...

With a 40% increase in SOC control accuracy, CATL's Freevoy enables pure electric range of over 400 km (250 mi). CATL claims the new battery improves hybrid power performance by 20%.

The world's biggest EV battery maker is on its way to double electric vehicle warranties with new packs that have a 15-year lifespan and are guaranteed to last at least 600,000 miles.

CATL is also advancing sodium-ion battery technology, with its second-generation sodium-ion battery expected to enter the market in 2025. This new battery offers higher energy density, superior low-temperature performance, and enhanced safety, making it suitable for a wide range of applications, including EVs and large-scale energy storage systems.

CATL, the world's largest EV battery maker and a major Tesla supplier, has launched a new fast charging lithium iron phosphate (LFP) battery capable of adding 248 miles of range after just 10 ...

Chinese electric vehicle (EV) battery maker CATL on Thursday unveiled a lithium iron phosphate (LFP) battery with a driving range of more than 1,000 kilometres (621 miles) on a single charge.

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 ...

CATL has expanded the overcurrent area and capacity of the terminals in the battery system to rapidly dissipate heat during high-current charging. In terms of BMS core algorithms, CATL's newly-developed AI ...

Contemporary Amperex Technology Co., Ltd. (CATL) successfully held its first online launch event "Tech Zone" on July 29. Dr. Robin Zeng, chairman of CATL, unveiled the company's first-generation sodium-ion ...

Chinese battery industry heavyweight Contemporary Amperex Technology (CATL) announced a new electric vehicle battery that reportedly enables long-range driving on a fast, ten-minute charge. It ...

The China-based company said the new battery has an energy density of 200 watt-hours per kilogram, which is an increase from 160 watt-hours per kilogram for the previous generation that launched ...

On October 24, 2024, CATL launched Freevoy Super Hybrid Battery, the world's first hybrid vehicle battery to achieve a pure electric range of over 400 kilometers and 4C superfast charging, heralding a new era for high-capacity EREV and ...

Chinese Amperex Technology Limited (CATL), which makes one-third of the world's EV batteries, shared few details about the technology but said it would start mass production later this year. It was the latest in a series of big ...

Discover CATL's second-gen sodium-ion battery with superior -40°C performance and high energy density, reshaping cold climate usage.

On August 12, 2022, Contemporary Amperex Technology Co., Limited (CATL) officially announced it will invest 7.34 billion euros to build a 100 GWh battery plant in Debrecen of east Hungary, which is also its second battery plant in ...

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