

In 2022, CATL introduced its third-generation CTP technology, known as the Qilin Battery, which delivers 13% more power than comparable batteries like Tesla's 4680 battery. ...

The company is also working on emerging technologies such as cobalt-free batteries and all-solid-state batteries (using a solid electrolyte instead of liquid electrolytes as in lithium batteries). The takeaway. CATL's CTP ...

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 new sodium-ion battery cell can achieve up to 160Wh/kg, ... EV adoption and integration can only benefit from these sorts of announcements. However, sodium-ion cells have a way to go ...

As for the new sodium-ion battery, CATL was one of the first manufacturers to present its own SIB in mid-2021. The first generation had an energy density of 160 Wh/kg, but CATL was already aiming for 200 Wh/kg at ...

CATL, the world's largest EV battery manufacturer, is accelerating its all-solid-state battery project, expanding its R&D team by over 1,000 employees. Now in trial production, CATL's advanced ...

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 ...

This is the key behind the announcement by CATL of a new LFP (lithium-iron-phosphate) battery that can add 600km of range in just 10 minutes total the driving range ...

The plant -- CATL's third in Europe -- will have an annual capacity of up to 50 GWh and will have Stellantis as its target customer, according to CATL's announcement. CATL currently has a battery plant in Germany and ...

The Chinese battery manufacturer, which produced 37% of the world's electric-vehicle batteries and 43.4% of energy storage batteries in 2022 for a grand total of 289 GWh, has made groundbreaking ...

Chinese battery giant CATL has signed a new partnership with car maker Chery that will deliver, for the first time, sodium-ion batteries for electric vehicles. ... CATL has made no official announcement save for a brief Tweet, ...

CATL claims the new EV battery is the world's first with 4C ultra-fast charging and +620 miles (1,000 km) CLTC range. CATL continues advancing EV battery tech as it aims to develop...

CATL announced on December 10 that it would form a joint venture with Stellantis to build a lithium iron phosphate (LFP) battery plant in Spain.. The plant -- CATL's third in ...

o Fisker and CATL agree on over 5 Gigawatt-hours (GWh) annual battery capacity for the Fisker Ocean SUV.o Fisker will utilize CATL's unique dual-chemistry cell capability to ...

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 ...

Chery will be the first automaker to use CATL's sodium-ion batteries, the battery manufacturer officially announced. CATL did not, however, provide further details about the ...

Source: CATL Stellantis and CATL commit up to EUR4.1 billion for LFP plant. Stellantis and CATL published the same press release today, confirming the joint venture agreement in which they will ...

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 ...

CATL batteries, meanwhile, go inside everything from Tesla vehicles in China to Ford EVs in North America like the Mustang Mach-E and F-150 Lightning. The company specializes in lithium iron ...

Chinese battery firm CATL and automaker Nio are preparing to launch what the two companies claim will be the world's largest electric vehicle battery swapping network.

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