

Is CATL advancing a new type of EV battery?

The world's largest EV battery maker is advancing a new type of battery, promising higher energy density. According to a new local report, CATL is investing heavily while ramping up its workforce to bring all-solid-state EV batteries to market.

Is CATL launching a commercial vehicle battery?

After dominating the passenger car battery market, CATL has intensified its efforts in the commercial vehicle battery market. The company claims that the battery will have an energy density of 175 Wh/kg, setting a new benchmark in the electric bus industry. Tectrans, the commercial vehicle brand of the company, was launched in July.

Are EV battery manufacturers trying to dethrone CATL?

Currently, the U.S. produces less than 7% of lithium batteries, while China makes 80% of them, with CATL as the largest EV battery manufacturer. U.S. companies aren't the only EV battery manufacturers trying to dethrone CATL. A small battle between CALB vs. CATL is taking shape.

Will CATL launch all-solid-state EV batteries soon?

With trial production reportedly kicking off, we could see CATL launch all-solid-state EV batteries sooner than expected. According to a new local report from LatePost (via CnEVPost), CATL has entered the trial production phase of 20 Ah samples. The news comes after the EV battery giant added over 1,000 workers to its R&D team this year.

Who makes EV batteries?

If you drive an EV anywhere in the world, the odds are good that it has a battery from Contemporary Amperex Technology Company Limited-- also known as CATL. The global battery leader opened in 1999 as "ATL" when it began developing lithium-ion batteries. In 2011, CATL opened, and a year later the company developed a partnership with BMW.

Will CATL produce EV batteries in 2027?

In April, CATL's chief scientist, Wu Kai, announced that the company had developed a verification platform for 10 Ah all-solid-state EV battery cells. Wu also said CATL aimed to produce all-solid-state EV batteries in small volumes in 2027, the first time the news was made public. Batteries are going to continue getting better on an ongoing basis.

The United States' Inflation Reduction Act is pushing U.S. automakers to move away from CATL batteries. In 2024, drivers purchasing new EVs cannot take advantage of the \$7,500 tax credit if the EV has batteries ...

CATL announces 2nd-gen sodium-ion EV battery that works even at -40°C. China's largest battery maker is developing a new sodium-ion battery that can withstand extreme temperatures.

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 ...

Get power and performance with CATL Battery. Our range of high quality LiFePO4 batteries ensure efficient, reliable and affordable energy for homes or businesses. For durable and safe solutions, get CATL Batteries ...

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Launched by Contemporary Amperex Technology Co Ltd (CATL), the battery has a 15-year lifespan. The company also claims that the battery has a life of 932,000 miles (1.5 million kilometers)....

EV battery gets 124-mile-range with 5-minute charge The 6C battery offers a long range with a quick charge. With this groundbreaking technology, drivers can enjoy a range of over 124 miles (200 ...

On August 16, CATL launched Shenxing, the world's first 4C superfast charging LFP battery, ... "The future of the EV battery technology must remain steadfastly anchored at the global technology frontier as well as the economic benefits," ...

In December 2024, CATL announced a joint venture EV battery plant with Stellantis in Spain. Both companies will invest 4.1 billion EUR into a new plant that will produce lithium iron phosphate (LFP) batteries for vehicles ...

CATL said on Wednesday it had co-developed 10 new electric vehicle models with automakers that use swappable batteries, as the Chinese battery giant seeks to lead a trend it says will replace a ...

Facing up to these challenges, CATL solves the problem of users' anxiety and facilitates the process of comprehensive electrification through our technological highlights such as Cell to Pack (CTP), No Thermal Propagation, ...

CATL's new Tectrans series offers supercharging-enabled batteries for heavy-duty vehicles, with a 70% charge in just 15 minutes.

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 ...

At the time of the launch, the EV battery producer stated that this "world first" hybrid vehicle battery could "achieve a pure electric range of over 400 kilometers [250 miles] and 4C...

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

CATL outs its commercial EV batteries with 500-mile range and 15-year lifespan that run cheaper than diesel 11/27/2024. CATL unveils new super hybrid battery that can gain 173 miles in just 10 ...

The Rise of CATL as an EV Battery Powerhouse. CATL isn't just the world's largest EV battery maker--it's widening the gap. In 2024, the company captured a ...

SAIC-GM and CATL have jointly launched an LFP battery that supports a 6C charging multiplier and can get more than 200 km of range on a 5-minute charge. (Image credit: SAIC-GM) General Motors' China joint venture ...

CATL unveils powerful 500-mile EV batteries for heavy trucks with 15-year life. The long-life version of the Tectrans battery can last up to 1.86 million miles and 15 years, ...

Three things must happen for the EV revolution to be complete -- cheaper batteries, faster charging batteries, and more EV chargers that actually work. CATL and BYD ...

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