

What is CATL EV battery?

Last April, CATL unveiled the Shenxing PLUS EV battery, "the world's first LFP battery with 4C ultra-fast charging." Over the summer, CATL also opened a first-of-its-kind experience center in China, showcasing its batteries in EVs from Tesla, Volkswagen, NIO, and others.

How long does a CATL EV battery last?

CATL launched its newest battery, the Tianxing Bus version, opening a new era for buses. With "the highest energy density in the bus industry," CATL claims its new EV battery can last 15 years and 1.5 million kilometers (932,000 miles). The world's largest EV battery maker is not slowing down.

What is the range of the new EV battery?

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 longer-range, faster charging units.

Why is CATL advancing EV battery technology?

CATL continues advancing EV battery technology as it aims to develop longer-range, faster charging units. The company, which dominates the industry, led again in 2023 for the seventh straight year, with EV battery consumption reaching 259.7 GWh.

What is CATL's new battery?

CATL's new battery is the company's latest innovation. Last month, the battery giant unveiled its ultra-high-energy-density Tectrans bus battery that can last nearly 1 million miles (1.5 million km). What makes this a hybrid battery?

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.

According to SNE Research, CATL is ranked first in the global EV battery market with a market share of 37% as measured by installed capacity in 2023 and 43% share in China.

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.

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...

CATL's EV battery installations in January-December were 339.3 GWh, up 31.7 percent from 257.7 GWh in 2023. The Chinese power battery giant continued to rank first in the world with a 37.9 percent share in 2024 and ...

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 ...

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 ...

CBL joins hands with Indonesia's ANTAM and IBI on the Indonesia EV Battery Integration Project With a joint investment of nearly 6 billion USD, the project focuses on nickel ...

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 ...

CATL currently has battery plants in Germany and Hungary, and last month announced plans for a new joint venture battery plant in Spain with Stellantis.; CATL ranked ...

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 ...

At Auto China 2024, CATL unveiled Shenxing PLUS--the world's first LFP battery that achieves a range above 1,000 kilometers with 4C superfast charging.

China's CATL unveiled its new Freevoy Super Hybrid Battery, calling it "the world's first" hybrid battery with over 400 km (250 mi) all-electric range. With 4C ultra-fast charging, ...

CATL held a commanding lead in the EV battery market last year, accounting for over a third of global usage. The world's largest EV battery maker expects to announce another big partnership for ...

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 ...

CATL, alongside its rival EV and battery maker BYD, is busy producing ever cheaper and more energy dense battery packs that are due to be shipped to vehicle makers all over the globe.

CATL is the largest battery maker in China and globally. The company installed 246.01 GWh of batteries in China in 2024, up 47.2% from 2023. CATL has a 45.5% market share in China, according to data monitored ...

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 ...

CATL introduces its technological highlights such as Cell to Pack, No Thermal Propagation, and EVOGO battery swap solution to promote the development of new energy vehicles. Learn how CATL solves the users' pain ...

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," ...

Earlier this year, BYD said, "The development of BYD sodium-ion batteries has entered the second stage around (reducing) costs, and its BOM (bill of materials) cost is expected to be on par with lithium iron phosphate ...

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