

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.

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.

Is CATL the world's largest battery maker?

Also known as the world's largest power battery maker, CATL had a 37.6 percent global share in the industry between January and July. In July, CATL unveiled its commercial vehicle battery brand, Tectrans, along with two L-series commercial vehicle batteries for the logistics and distribution industry.

Will CATL dominate the global electric vehicle battery market?

Thus, CATL has an opportunity to dominate the global electric vehicle battery market; its market share in China alone constituted almost 50% throughout the first eight months of 2024. The company's batteries are currently used in over 385,000 buses worldwide.

Does CATL's new Tianxing battery improve energy density?

CATL said it improved the energy density by 22% compared to the previous generation. With 175 Wh/kg, CATL claims its new Tianxing Bus battery leads the industry. The new Tianxing battery is designed specifically for buses and can last up to 1.5 million km (932,000 miles) and 15 years.

What is CATL's new target EV battery market?

Its new target is commercial vehicles. According to the latest SNE Research data, CATL accounted for 31.6% of global EV battery sales in the second quarter. China's BYD was second with 14.7% of global battery sales. As of August 2024, CATL held a 37.6% share of the global EV battery market.

A Chinese car battery-maker says it is ready to manufacture a product capable of powering a vehicle for 1.2 million miles (two million kilometres) across the course of a 16-year lifespan.

The most notable feature of these new battery cells is their lack of degradation after 1,000 cycles. This has given CATL the confidence to provide a 1.5-million km (932,000 miles) 15-year warranty on the battery pack. Yutong, one of ...

In China, BYD and Contemporary Amperex Technology, another battery giant, are each advertising an EV

battery life of 750,000 to 1 million miles, equivalent to five to seven decades of average driving. ... It is actually far less ...

CATL isn't alone in talking about million-mile battery tech. GM is working on the same issue with its new Ultium platform, which will underpin vehicles like the upcoming GMC Hummer EV and the ...

New-gen LFP bus batteries last 15 years, CATL claims--20% longer; ... Further, a Long Life Edition was pegged at 15 years or 2.8 million km (1.74 million miles), with battery ...

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).

The new "million mile" battery at the center of Tesla's strategy was jointly developed with China's Contemporary Amperex Technology Ltd (CATL) &300750.SZ&gt; and deploys technology developed by ...

CATL partners with Yutong Bus to launch a new EV battery technology offering a 1 million mile, 15-year lifespan, advancing the electric vehicle industry. ... Yutong's buses, already available in more than 40 ...

Tesla's new battery technology is designed to last for 1 million miles (1.6 million kilometers) of operations. It is jointly developed with Contemporary Amperex Technology Ltd ...

More bad news for the ubiquitous anti-EV trolls: the million-mile EV battery is in sight. Chinese battery supplier CATL and bus maker Yutong have partnered to launch an EV battery that's warranted to last 1.5 million km ...

CATL chairman Zeng Yuqun told Bloomberg that his company has a battery pack ready for electric vehicles that will last as much as 1.2 million ...

Chinese battery manufacturer Contemporary Amperex Technology (CATL) says it is ready to start building an electric vehicle battery pack that can last 1.2 million miles (2 million kilometers).

As Bloomberg reports, the claim of a million-mile battery comes directly from CATL chairman Zeng Yuqun, who says the battery his company developed has a lifespan of 16 years and will power a ...

The battery is expected to lower the cost per kilowatt hour (the unit of energy most commonly used to measure the capacity of the battery packs in modern electric vehicles) to ...

News today is that CATL (Contemporary Amperex Technology), the largest battery producer in the world (by far), has a new battery that it's saying has a service life of 1.5 ...

It's one of CATL's new Tectrans battery packs for trucks and buses that it claims will last up to 15 years --a 20% extension based on tech improvements--or 1.5 million km ...

"What they're talking about with million-mile batteries is not so much that an average consumer would put a million miles on the clock," said Simon Lambert, a co-lead investigator at the ...

Zeng Yuqun, chairman of Contemporary Amperex Technology Co Ltd (CATL), has said the Ningde-based manufacturing firm has the capability of making a battery pack that can ...

Bloomberg talked to its chairman, Zeng Yuqun, and he said CATL was ready to sell a 16-year, 2-million-km (1.24-million-mi) battery to any carmaker willing to make an order. Learn more ...

The battery, which Zheng said could power a vehicle for 2 million kilometers, or 1.2 million miles, contrasts with current packs for which manufacturers offer warranties for 60,000 to 150,000 ...

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