

How long does a CATL battery last?

The long-life version is designed to last up to 1.2 million miles, with a capacity of 600 kWh and a range of 310 miles on a single charge. CATL claims that these batteries will drastically reduce charging times and improve operational efficiency in sectors like mine transportation and construction machinery.

How long does a CATL Tectrans battery last?

For long-term use, CATL's Tectrans long-life battery promises an impressive 15-year lifespan, or about 3 million miles, even in high-energy consumption environments. This is especially valuable for industries like logistics and long-distance transport, where frequent charging and discharging put heavy wear on conventional batteries.

Does CATL offer a battery warranty?

CATL also promises a battery warranty that spans the entire service life of the vehicle. The company mentioned that this battery will also be available for swapping, further minimizing depreciation costs. The second variant is the Tectrans T Superfast Charging Edition, which can be fast-charged at 4C.

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.

Why is CATL launching new batteries?

With the release of these new batteries, CATL aims to cement its position as a leader in the transition to electric heavy-duty vehicles, promising longer service lives, reduced maintenance costs, and faster charging times.

Are CATL Tectrans batteries in mass production?

CATL's Tectrans batteries are already in mass production. CATL, a leading Chinese power battery manufacturer, has introduced a new range of batteries under its commercial vehicle brand Tectrans. The launch, held on November 25, marks the company's continued expansion into the electric heavy-duty vehicle sector.

CATL, a leading battery manufacturer, has announced a breakthrough with their new Lithium Iron Phosphate (LFP) battery cell, boasting an impressive cycle life of 18,000 cycles. ...

On December 18, 2024, CATL unveiled two standardized battery models, #20 and #25, at the Choco-Swap ecosystem conference held in the coastal city of Xiamen. Jointly launched by CATL in collaboration with nearly 100 partners, ...

In March 2024, NIO and CATL signed a framework agreement to jointly promote innovation in the R& D of long-life batteries. As the automotive brand that owns the most chargers and battery ...

Long Life Technology Commitment that can Stand the Tests of Time Service life can reach 16 years or 2 million km ... Starting from the electrolyte, one of the four major components in batteries, CATL has ...

CATL has developed a number of technologies to extend the service life of vehicle batteries, such as a self-repairing SEI (Solid Electrolyte Interphase) film and special additives. Nio, on the other hand, has developed ...

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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 ...

Longking's new generation of electric loader is equipped with CATL's brand new long service life battery specifically developed for the loader market, which boasts significant ...

The CATL Tectrans long life version offers an exceptionally long lifespan of 15 years or three million kilometers, overcoming the typical battery life constraints of heavy-duty trucks. It alleviates possible capacity degradation ...

CATL has an ultra-long service life traction battery system solution that perfectly satisfies the needs of operating vehicles which are frequently used, and enables them to achieve uninterrupted operation, 24 hours a day, all year ...

CATL presents battery for long-range hybrid vehicles. Freevoy from CATL is designed to meet the demands of the charging capacity requirements of EREVs (extended range electric vehicles) and PHEVs (plug ...

On March 14, CATL signed a framework agreement with NIO in Beijing to promote the research and development of long service life batteries based on battery swapping scenarios. NIO, the largest operator of battery swapping for ...

By utilizing the ultra-long-life battery system and high-efficiency battery swapping services, as well as the vehicle-battery separation business model, QIJI Energy can reduce the overall operation cost by 30,000 to 60,000 ...

CATL provides customized solutions that meet the demands of various street cleaning vehicles. CATL's batteries feature great safety, long life and strong environmental ...

The particle structure in the battery improves efficiency. This design allows for better energy flow inside the battery. As a result, the battery works well over a long time and keeps its power stable. CATL's LFP Batteries ...

The battery has a long life of up to 1.2 million kilometers, with a maximum capacity of 600 kWh and a range of up to 500 kilometers. In scenarios including mine transportation as well as sludge mixing, the battery can ...

The largest EV battery manufacturer just released a new video claiming that its Long-Service-Life Battery packs can last up to 16 years or 1.24 million miles (2 million kilometers.)

On April 28, the first electric loaders equipped with CATL's long service life battery rolled off the production line at Longking headquarters in Longyan, southeast China's Fujian Province. The ...

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)....

Chinese Battery giant CATL and bus maker Zhengzhou Yutong Bus Co. have recently launched a "long-life" EV battery pack meant for new energy commercial vehicles, with lifespan of about 15 years and 1.5 million kilometers.

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