

How far can a CATL battery go?

CATL's new battery can offer range of over 1000km, with 600km of added range possible in just 10 minutes of charging. CATL, the world's largest electric vehicle (EV) battery supplier, has revealed a new lithium iron phosphate (LFP) battery boasting some impressive specs.

Why is CATL launching a new LFP battery?

The company explains that this comes from continuous technological breakthroughs. CATL says its new battery is the world's first LFP battery that achieves a range above 1,000 kilometres with 4C superfast charging, emphasised Gao Huan, Chief Technology Officer of CATL's electric car division, when presenting the battery at the auto show in Beijing.

How much energy does a CATL battery pack have?

Read: CATL Announces New Batteries That Are So Energy Dense, They'll Make Electric Planes Possible  
CATL says its new battery pack has an energy density of 205 Wh/kg, providing it with a range of over 621 miles (1,000 km) on the Chinese testing cycle.

Does CATL have a 620-mile battery pack?

If CATL's claim of a 1,000-km (620-mile) battery pack with 10-minute charging sounds familiar, that's because the battery-maker had the same specs for the Qilin battery it introduced in 2022. So what's the big deal?

Is CATL launching a new battery in Beijing?

In addition to launching this new battery in Beijing, CATL said it has started constructing its new Shenxing Superfast Charging network, which will become the largest superfast charging service in China.

How far can a CATL battery charge a car?

CATL made headlines around the globe last August when it presented the Shenxing battery, an LFP pack capable of adding 400 kilometers (249 miles) of range in a mere 10 minutes at the charger. Not a year later, and that pack's powering actual cars.

Geely's electric brand Zeekr has teamed up with Chinese battery giant CATL on an ultra-long-range version of its Zeekr 001 shooting brake, resulting in a production electric car capable of doing ...

On June 23, CATL launched Qilin, the third generation of its CTP (cell-to-pack) technology. With a record-breaking volume utilization efficiency of 72% and an energy density of up to 255 Wh/kg, it achieves the highest integration level ...

CATL, the world's largest EV battery supplier, unveiled its new Shenxing Plus battery with a promised range exceeding 621 miles (1,000 km) on the Chinese testing cycle. The battery achieves...

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CATL, the world's largest electric vehicle (EV) battery supplier, has revealed a new lithium iron phosphate (LFP) battery boasting some impressive specs. The company claims the Shenxing Plus is the world's first LFP battery ...

The Chinese EV battery manufacturer CATL has introduced an advanced lithium iron phosphate (LFP) battery named Shenxing Plus. It has been claimed by the brand that the battery is capable of providing a maximum range of more than 600 km on 10 minutes of charging, and offers more than 1,000 kilometers range on a full top-top.

CATL has expanded the overcurrent area and capacity of the terminals in the battery system to rapidly dissipate heat during high-current charging. In terms of BMS core algorithms, CATL's newly-developed AI polarization model can predict and control the charging current in real time, enabling faster and smarter energy replenishment.

Chinese EV battery maker Contemporary Amperex Technology (CATL) has unveiled a lithium iron phosphate (LFP) battery with more than 1000km range. The Shenxing Plus is the world's first LFP battery with such a ...

In August, the market leader in batteries for electric cars, Contemporary Amperex Technology Co. Limited (CATL), anticipated an ultra-fast-charging battery offering 400 km range in just 10 minutes. Indeed, in February ...

Chinese electric vehicle (EV) battery maker CATL has unveiled a record-breaking 1,000-kilometre, single-charge battery. CATL showed off the lithium iron phosphate (LFP) Shenxing Plus battery on the first media day of the Beijing auto show. LFP batteries are environmentally friendlier than the lithium-ion batteries more commonly used in EVs.

Following the launch of the 1000 km range CTP 3.0 battery, CATL's shares increased by 6% in the Chinese stock markets and reached a market value of 190 billion dollars. Evolving towards moduleless and even unpackaged batteries, the electric vehicle energy storage solutions market is focused on the idea that cars have the longest range with ...

La production de masse des batteries Qilin de CATL est pr&#233;vue pour 2023. On devrait ainsi les retrouver &#224; partir de la fin de l'ann&#233;e prochaine, voire en 2024 dans les voitures &#233;lectriques .

At a recent Shanghai auto expo, the world's largest battery maker unveiled a battery it claimed could power electric aircraft or propel electric vehicles (EVs) beyond 1,000 kilometres on a single charge.

Chinese electric vehicle (EV) battery maker CATL on Thursday unveiled a lithium iron phosphate (LFP) battery with a driving range of more than 1,000 kilometres (621 miles) on a single charge.

CATL made headlines around the globe last August when it presented the Shenxing battery, an LFP pack capable of adding 400 kilometers (249 miles) of range in a ...

Chinese battery giant CATL and a sub-brand from Chinese carmaker Geely will debut recently-revealed Qilin cell-to-pack (CTP) battery technology on a pair of new cars - one of which has a claimed 1000km of ...

Neue Batterie von CATL mit 1.000 Kilometer Reichweite und Schnellladetechnologie. Die auf der Auto China 2024 vorgestellte Batterie namens „Shenxing Plus“ basiert auf der Lithium-Eisenphosphat-Technik ...

Chinese electric-car battery giant CATL has unveiled a new lithium iron phosphate (LFP) unit claimed to be capable of providing vehicles with a driving range of up to 1000km on a single charge.

China-based Contemporary Amperex Technology Co., Limited (CATL) unveiled its Shenxing PLUS -- the world's first LFP battery that achieves a range above 1,000 km (621 miles) with 4C superfast charging. The ...

In 2019, CATL introduced its cell to pack technology to the world with a volume efficiency of 55%. This week, the company unveiled its new Qilin (formerly known as Kirin) battery pack that boasts ...

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