

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.

What is the world's first LFP battery?

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 Shenxing PLUS battery system surpasses the 200 Wh/kg energy density threshold for the first time.

By when will CATL reduce the cost of LFP batteries by 50%?

In January, CATL said it would reduce the cost of LFP batteries per kWh by a massive 50% by the middle of 2024. It looks like it's well on its way. LFP batteries are typically cheaper but are known to offer lower energy density. CATL's new battery looks to change that.

How many miles can an LFP battery add to a car?

This LFP battery can add 370 miles of range in 10 minutes of charging. According to CATL, the Shenxing Plus is the world's first LFP battery with 4C ultra-fast charging, and it makes it possible to build electric vehicles with over 620 miles of range according to the Chinese CLTC standard.

What is China's new lithium iron phosphate battery (LFP) EV technology?

China has again pushed the boundaries of lithium iron phosphate battery (LFP) EV technology with a new CATL battery. China-based Contemporary Amperex Technology Co., Limited (CATL) is a global leader in new energy technologies. At Auto China 2024, CATL unveiled its Shenxing PLUS.

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.

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 just announced it has already improved on the Shenxing LFP battery it introduced last year. According to the company, its latest battery, called Shenxing PLUS, can charge at 4C, add 600 ...

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....

CATL unveiled the Shenxing Plus, world's first LFP battery with 4C ultra-fast-charging capability, which can add 370 miles in 10 minutes of charging

Tesla got a type approval in Europe for a new LFP/LMFP battery pack supplied by CATL. This could be used in entry-version Model 3 and Model Y EVs after the standard-range RWD variants have been ...

CATL Debuts LFP Batteries With a Lifespan of up to 15 Years / 1.7 Million Miles BYD and CATL To Produce EV Batteries That Fully Charge in 10 Min by the End of 2024 CATL Unveils Shenxing Plus: The ...

Tesla Inc. is set to bolster its battery production in Nevada with a new facility in Sparks, NV, incorporating unused equipment sourced from China's Contemporary Amperex Technology Co. Ltd. (CATL) to produce lithium iron ...

This LFP battery can add 370 miles of range in 10 minutes of charging. ... CATL Launches New EV Battery Cells With Zero Degradation After the First 1,000 Cycles Xiaomi SU7 Makes Sales Debut With ...

The Shenxing PLUS battery provides users with a super-long range driving experience, exceeding 1,000 kilometers, which means a trip from Beijing to Nanjing without recharging on the road. This allows new energy ...

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 ...

Contemporary Amperex Technology Co. (CATL) has shown its latest lithium iron phosphate (LFP) battery at an auto show in Beijing. The Chinese company says it has an energy density of 205 Wh per kg ...

CATL's new LFP battery promises a 10-min charge for 370 miles of range. Could this be the end of range anxiety for EVs? Updated: Apr 26, 2024 04:30 AM EST

CATL has unveiled a new lithium iron phosphate (LFP) cell that offers 620 miles of range on a single charge and ultra-fast charging that can bring 370 additional miles of traveling in ten minutes ...

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...

New battery cells from CATL with lithium manganese iron phosphate (LMFP) chemistry are already being used in a Chinese electric model. The new batteries will. ... Tesla was already rumoured to be switching from ...

Reuters reports Chinese battery giant Contemporary Amperex Technology Co. Limited (CATL) will start mass production on a new pack slated for the flagship Model 3 Performance this year - potentially coinciding

with the ...

Today, SAIC-GM and CATL launched a new lithium-iron-phosphate (LFP) battery cell with a 6C multiplier, enabling recharge rates of up to 200km in just five minutes, making it the fastest...

CATL has unveiled a particularly fast-charging LFP battery for electric vehicles that is expected to go into mass production as early as the end of 2023. According. Newsletter; Videos; ... Also in focus: the electrolyte and the ...

CATL launches brand new Tectrans LFP battery range, including a specific model for e-coaches. The global leader battery supplier CATL chose IAA Transportation 2024 in Hannover to launch the Tectrans battery system. ...

Joint venture to build an all-new lithium iron phosphate (LFP) battery plant at Stellantis" Zaragoza, Spain site; ... In the year 2023, CATL"s EV battery consumption volume has ranked No.1 in the world for seven ...

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