

What is a Shenxing battery?

Shenxing features a new graphite anode,new electrolyte formulation,thinner and safer separator,and better ion transport. The battery has reduced heat generation and is equipped with a new advanced battery management system (BMS). CATL claims that the Shenxing battery is fit for any vehicle type.

Is the Shenxing battery suitable for EVs?

CATL claims that the Shenxing battery is fit for any vehicle type. The first EV maker to use will be Avatr,a joint venture of CATL and Changan with Huawei's participation.

When will Shenxing battery be available?

It will start mass production by the end of 2023 and be commercially available in the first quarter of 2024. Shenxing features a new graphite anode,new electrolyte formulation,thinner and safer separator,and better ion transport. The battery has reduced heat generation and is equipped with a new advanced battery management system (BMS).

How far can a Shenxing battery go?

CATL only just presented the original Shenxing battery in August 2023,when a possible range of 700 kilometres was announced. Now,just eight months later,the battery-making giant and global market leader says its new battery,Shenxing Plus,has a range of 1,000 kilometres.

What is the energy density of the Shenxing plus battery pack?

According to CATL,the Shenxing Plus offers an energy density of 205 Wh/kgat system level. The company states,"The Shenxing PLUS battery pack has a topological structure optimized on top of module-free CTP 3.0 technology,enhancing the packing efficiency by 7%".

BEIJING, April 25, 2024 /CNW/ -- At Auto China 2024, CATL (SZ.300750) unveiled Shenxing PLUS--the world's first LFP battery that achieves a range above 1,000 kilometers with 4C superfast charging. Within eight months after the launch of the Shenxing superfast charging battery in August 2023, CATL has once again pushed the boundaries of LFP battery ...

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During Auto China 2024, CATL introduced the Shenxing PLUS--the world's first LFP battery to achieve a range of over 1,000 kilometers coupled with 4C superfast charging. Just eight ...

The Shenxing PLUS is the world's first LFP battery that achieves a range above 1,000 kilometers, (621 miles) featuring 4C superfast charging. ADVERTISEMENT Details About the Shenxing PLUS Battery Tech. At the core of this CATL battery breakthrough is the introduction of a cutting-edge cathode technology in the Shenxing PLUS. Utilizing ...

Auf der Auto China in Peking hat CATL seine neue LFP-Batterie Shenxing Plus pr&#228;sentiert, die Elektroautos zu mehr als 1.000 Kilometern Reichweite verhelfen soll. Und die Batterie mit den haltbaren Lithium-Eisenphosphat-Zellen soll sich auch sehr schnell aufladen lassen. Bild: CATL. Von Sebastian Schaal. 25.04.2024 - 13:58 Uhr.

Last month, CATL unveiled several new products including the TENER containerized energy storage system ("ESS"), the Shenxing PLUS LFP battery and the Shenxing charging network. TENER claims to be the world's first ESS with zero degradation for the first five years. The 6.25 MWh 20-ft container systems claim a 20% improvement on station ...

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CATL??Shenxing Superfast Charging Battery????????????????????????????????2024?1?3????????????????????? ...

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CATL's introduction of the new Shenxing PLUS Battery comes just within eight months after it debuted the Shenxing superfast charging battery in August 2023. The Shenxing battery can add 248 miles (400 km) in just 10 minutes, relatively lower than the more advanced version's 370 miles. It can also yield up to 700+ km driving range.

CATL has unveiled its latest innovation, the Shenxing Plus LFP battery, at Auto China in Beijing, designed to provide electric vehicles (EVs) with a range exceeding 1,000 kilometres. This new battery, built with durable ...

At Auto China in Beijing, CATL has presented its new Shenxing Plus LFP battery designed to give electric cars a range of more than 1,000 kilometres. The battery with durable lithium iron phosphate cells is also said to ...

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

The Chinese battery manufacturer CATL is presenting its latest lithium iron phosphate battery. The battery, called Shenxing Plus, is said to be the first LFP battery that enables a range of ...

The Shenxing battery was touted as the most advanced lithium-iron-phosphate (LFP) battery capable of 4C ultra-fast charging. Considering that 1C means a full charge in one hour, 4C means it can ...

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