

How far can a LFP battery charge a car?

The LFP battery will enable electric vehicles to range up to 700 km. The full name of the battery is Shenxing Superfast Charging Battery, and according to CATL, it can add up to 400 km of range in 10 minutes thanks to its ultra-fast charging. It is the world's first LFP battery that supports 4C charging.

What is a Shenxing Plus LFP battery?

reuters.com, facebook.com (video of the CATL presentation), 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 be very quick to charge.

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?

The Shenxing Plus is the world's first LFP battery boasting such a range, Chief Technology Officer Gao Huan of CATL's e-car division said 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.

Which EV manufacturers are switching to LFP batteries?

Thus, many EV makers, including Tesla, are switching to LFP batteries inside their mid-range electric vehicles. CATL's main competitor, BYD, installed 9 GWh of power in LFP batteries in China, getting 43% market share, while CATL installed 6.9 GWh of energy in LFP, reaching 31% share.

Which LFP battery supports 4C charging?

It is the world's first LFP battery that supports 4C charging. Unlike sodium-ion batteries, LFP batteries don't like winter environments, but CATL claims they fixed that issue with the Shenxing battery as it can be charged to 80% in 30 minutes, even at -10°C.

At Auto China 2024, CATL 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 ...

CATL's introduction of the Shenxing battery technology coincides aptly with the stabilizing prices of battery materials such as lithium, as well as the increasing demand for affordably priced EVs that can cater to the ...

CATL has recently introduced "Shenxing", claimed as the world's first 4C superfast charging LFP battery,

capable of delivering 400 km of driving range with a 10-minute charge as well as a range of over 700 km on a single ...

On August 16, CATL launched Shenxing, the world's first 4C superfast charging LFP battery, capable of delivering 400 km of driving range with a 10-minute charge as well as a range of over 700 km on a single full charge. Shenxing is ...

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 ...

700 km de rayon d'action et 80 % de l'autonomie r&#233;cup&#233;r&#233;e apr&#232;s seulement 10 minutes de charge : la nouvelle batterie LFP Shenxing de CATL ne l&#233;sine pas sur les ...

Last summer, CATL revealed its Shenxing SuperFast Charging Battery, capable of adding 248 miles (400 km) in 10 minutes. Its latest battery, Shenxing Plus, uses cheaper, more advanced...

On August 16, CATL launched Shenxing, the world's first 4C superfast charging LFP battery, capable of delivering 400 km of driving range with a 10-minute charge as well as a range of ...

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 ...

