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At the 2024 Beijing Auto Show, CATL introduced the Shenxing PLUS battery, the world's first lithium iron phosphate (LFP) battery capable of achieving a 1000-kilometer range. With just a 10-minute charge, allowing for a 600-kilometer travel distance.

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the lithium battery materials industry including; BYD, LG Chemical, SK On, CATL and Hyundai. Listed on the Shenzhen Stock Exchange, Chengxin has operations across China, Indonesia, Argentina and Zimbabwe. Under an existing short-term agreement with Chengxin signed in 2023, Pilbara Minerals agreed to supply 70,000 tonnes kt) of spodumene concentrate from the ...

The world's largest EV battery manufacturer claimed the Shenxing Plus was the world's first LFP battery to achieve a range of over 1,000km (620 miles) with 4C superfast charging, adding a 10...

Chengxin Lithium will supply lithium hydroxide, one of the main raw materials to make cathodes for ternary lithium batteries, to Hyundai in the next four years, the Shenzhen-based company announced yesterday. ...

Our goal is to become the leading company in the global industry of lithium battery new energy materials, contributing to the sustainable development of global energy with lithium. About Us. Company Profile. Honors & Awards. Milestones. Purpose & Values. Organization. Controlling shareholder. News. Company News. Media Resources . Business. Lithium Resources. Lithium ...

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 expected to considerably alleviate fast charging anxiety for EV users, and opens up an era of EV ...

The Indonesian project will produce 50,000 tons a year of lithium hydroxide and 10,000 tons a year of lithium carbonate, Chengxin said in its filing, without specifying the source of raw materials.

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The Shenxing PLUS battery not only provides long range but also charges rapidly, delivering up to 600 km of range in just 10 minutes of charging. To realize these quick charging speeds, the Shenxing PLUS battery incorporates fast ion conductor coating, transition metal doping, and innovative nano-coatings to facilitate more efficient ...

"The Chengxin/Tsingshan lithium plant in Indonesia stands to benefit from domestic demand, and is strategically placed to be the lithium supplier of choice for battery makers domestically who will not need to pay ...

The "Shenxing Plus" battery, based on lithium iron phosphate materials, ...

China's lithium rush. China towers over the lithium-ion battery supply chain. But its own lithium resources are limited and it has sought to secure access to deposits overseas. Isolated by the West and slapped with 20 years of sanctions because of human rights violations, Zimbabwe has turned towards China, now the country's largest foreign investor.

BYD (OTCMKTS: BYDDY, HKG: 1211) will buy and commission lithium products from local lithium producer Shenzhen Chengxin Lithium Group (SHE: 002240) for an estimated 4 billion yuan (\$593 million) in 2022, according to an announcement today by the NEV maker. To date, BYD has purchased RMB 436 million worth of lithium products from ...

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