

Is CATL's sodium-ion battery a threat to the lithium industry?

Earlier this month Adamas Intelligence spoke with Reuters about the implications of CATL's newly-unveiled sodium-ion ("Na-ion") battery for the lithium industry. Our take: Not a major threat. We'll keep you posted on the latest news and developments affecting markets and supply chains.

How has CATL's closure impacted the lithium industry?

Lithium spot prices have plummeted by around 90% since 2022, leading to vital mine closures and market shifts worldwide. However, CATL's recent shutdown in Jiangxi, China, stands out as one of the most significant closures to date. What led to this decision, and how has it impacted the global lithium industry?

Is CATL planning to stop producing lithium carbonate in Jiangxi?

Additionally, CATL is considering pausing one of its three lithium carbonate production lines in Jiangxi. This news has garnered significant attention across the lithium market. According to UBS Lithium Analyst Sky Han, this mine accounts for roughly 5% of the world's primary lithium supply and about 20% of China's supply.

What happened to lithium carbonate futures after CATL announcement?

Following the CATL announcement, lithium carbonate futures on the Guangzhou Futures Exchange rose by 5.5%, hitting 76,700 yuan per ton (\$10,700), although they remain down 27% for the year. Several lithium producers in Australia, including Arcadium Lithium Plc and Core Lithium Ltd., have shut down high-cost sites due to plummeting prices.

Will Lithium prices stabilize?

With reduced output from one of China's largest mines, experts anticipate that lithium prices could stabilize, potentially offering relief to struggling producers. The significant cost outcomes include: Prices could stabilize between \$10,000 and \$11,000 per ton, reflecting global cash costs.

Why is CATL adjusting its operations?

In conclusion, as lithium prices continue to plunge, CATL's actions are crucial for stabilizing the supply chain. The company is adjusting its operations to navigate the tough market conditions, hinting at possible shifts in the industry's lithium production strategies in the coming months.

Contemporary Amperex Technology Co. Limited (CATL), the world's largest lithium-ion battery manufacturer, has dominated the electric vehicle (EV) battery market for years. ...

In 2022, while prices of the battery material were soaring to life-time highs, CATL intervened in the market by opening a huge lithium hub in the southern Chinese province of Jiangxi. Prices of the metal have since tumbled ...

Volkswagen has announced a new collaboration under which its China subsidiary will work with CATL on lithium battery development for VW's electric vehicles. What is CATL? CATL (Contemporary Amperex Technology ...

So far, three of CATL's factories have been honored with the ROI-EFESO INDUSTRIE 4.0 AWARD, which is akin to the "Nobel Prize" in intelligent manufacturing, making CATL the sole recipient of this award in the global lithium-ion battery industry.

CATL's involvement in the 2024 pilot showcases the company's dedication to sustainable innovation. As one of the first firms to publish battery passport results, verified by independent agencies, CATL's Shenxing and CTP battery projects reported an average carbon footprint of 49 kgCO2eq/kWh.

CATL leads the EV battery market, partnering with auto biggies like TSLA, F, GM, STLA and VWAGY, but U.S. scrutiny looms. ... CATL partnered with SAIC-GM to develop a lithium iron phosphate (LFP ...

CATL is the Number One lithium battery manufacturer in China. CATL has very high quality factory with latest automatic technology. The R& D department has over 900 engineers and experts in lithium battery technology, ...

Prices of lithium, which is mainly used in battery technologies, have fallen more than 80% in the past year largely due to overproduction from China and a drop in demand for electric vehicles.

At IAA Transportation 2024, Contemporary Amperex Technology Co., Limited (CATL), the global leader in new energy technology innovations, launched its ...

By adopting CATL's low-lithium consumption graphite and biomimetic self-repairing SEI passivation film technology, CATL TIANXING is able to achieve 4C super-fast charging and increase battery cycle life by 100% at ...

A logo of CATL is seen in Guangzhou, Guangdong province on Nov 24, 2023. [Photo/VCG] China has kicked off the first rail transport of lithium-ion batteries by Contemporary Amperex Technology Co ...

Originally published on 6 September 2024. Republication of this report today follows news on 6 January 2025 that the US Defense Department had added CATL to its list of companies that work with the Chinese military.. Several big battery projects in Australia vital for storing renewable energy to meet the nation's climate goals are highly likely to be using materials sourced ...

The energy density of CATL Battery is as much as 190Wh/kg. CATL Battery cells are in quality and they provide battery cells to BMW. they are the only lithium battery partner of BMW in China. CATL and BMW is building a ...

Lithium-iron-phosphate (LFP) battery cells are gaining traction thanks to their unique blend of affordability, durability, and safety. ... a problem, as LFP cells are mostly produced by Chinese ...

Here is the key challenge: lithium ions can move freely within the liquid electrolytes of lithium-ion batteries, but this diffusion process becomes much more difficult with solid...

Wu Kai, Chief Scientist of CATL, speaks at the 2022 China EV 100 Forum;A year ago, Robin Zeng, chairman of CATL, foretold for the first time to the industry that EV battery would usher in its TWh era in the next five ...

Contemporary Amperex Technology Co. (CATL) allegedly decided to halt lithium operations in Jiangxi province-a major mine in China. The Chinese battery supplier reportedly ...

CATL launches new battery packs with 373-mile range, targets 30,000 swap stations. The 20# and 25# Choco-SEB (Swapping Electric Blocks) battery packs from CATL support both lithium iron phosphate ...

Contemporary Amperex Technology Co., Limited (CATL) is a global leader in the development and manufacturing of lithium-ion batteries, with businesses covering R& D, manufacturing and sales in battery systems for ...

Battery Technology recently conducted an email interview with a CATL spokesperson who was willing to go on the record but requested to remain anonymous to ...

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