

China's latest black technology battery technology

Why is China planning tougher scrutiny on battery exports?

BEIJING - China is planning tougher scrutiny on exports of technology to make battery materials, as Beijing looks to protect its grip on a crucial supply chain amid rising global trade tensions.

Will China add battery cathode technology to controlled exports?

China also wants to add battery cathode technology to its list of controlled exports, according to a notice published Thursday by the Commerce Ministry soliciting public comment, on top of the proposed restrictions on technology related to producing lithium and gallium.

Why is China leading the world in battery research?

Researchers in China lead the world in publishing widely cited papers in 52 of 64 critical technologies, recent calculations by the Australian Strategic Policy Institute reveal. China's advances in battery research have helped it gain a dominant position in electric vehicles. Gilles Sabri; for The New York Times

Where does China's lead in battery technology come from?

China's lead is particularly wide in batteries. According to the Australian Strategic Policy Institute, 65.5 percent of widely cited technical papers on battery technology come from researchers in China, compared with 12 percent from the United States. A CATL battery factory in Ningde, China, last year. Qilai Shen for The New York Times

What if China approves new EV batteries?

If approved, as is likely, the new additions are expected to form a future round of export controls imposed by China on a slew of critical materials and the technology needed to produce them, which are crucial to manufacturing semiconductors and EV batteries.

Will battery cathode material preparation technology be included in China's catalog?

Beijing proposes including battery cathode material preparation technology to its catalog of applications that are subject to export bans or restrictions, according to a notice seeking public opinion released by the Ministry of Commerce on Thursday.

By restricting global access to technologies like these, China appears to be safeguarding its position as market leader. According to John Passalacqua, CEO of Canadian ...

CATL unveiled two new standardized battery packs designed for efficient swapping, with a long-term goal of setting up 30,000 stations in China. NEWS; ... covering ...

Beijing-based startup, Betavolt has come up with an innovative nuclear battery. Promising an unprecedented

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50-year lifespan without the need for charging or ...

HiNa Battery Technology Co., Ltd is located in the Science and Technology Industrial Park, Zhongguancun, Liyang, Jiangsu Province. It is a new high-tech enterprise, focusing on the ...

The bad news. The Chinese Ministry of Commerce proposal includes specifics on several technologies, including: o The proposed rules would require Chinese firms to get a ...

A Chinese company is looking to speed up EV charging times with a new battery technology that it says can achieve 248 miles of range (400km) in just 10 minutes.

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CHONGQING, China, November 14, 2024 (EZ Newswire) -- On November 7, Chinese solid-state battery enterprise Chongqing Talent New Energy Co., Ltd. ("Talent New ...

As a result, China's new energy vehicle market has ranked first in the world since 2015. To systematically solve the key problems of battery electric vehicles (BEVs) such as ...

China's Contemporary Amperex Technology Co., Limited (CATL), a global leader in lithium-ion battery development and manufacturing, is significantly escalating its ...

China's CATL (300750.SZ) on Thursday became the first major automotive battery maker to unveil a sodium-ion battery, saying it planned to set up a supply chain for the ...

China's commerce ministry has proposed export restrictions on some technology used to make battery components and process critical minerals lithium and gallium, a ...

China's electric vehicle (EV) battery industry is well positioned to be competitive in global markets. The industry's strong performance results from state support of domestic manufacturers. As China's EV battery ...

A Top Ten Black Technologies list has been released at the 2017 China International Big Data Expo in Guiyang, capital of Southwest China's Guizhou province, ...

Beijing leads the battery supply chain, controlling nearly 85% of global battery cell production capacity. China's proposed technology export restrictions came a month after ...

Scientists reveal new flow battery tech based on common chemical At the center of the design is a lab-scale, iron-based flow battery with unparalleled cycling stability. Updated: ...

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