

Apart from proposing to tighten export restrictions on battery cathode material preparative technology, China plans to enhance export curbs on specific technologies and processes used for extracting metallic gallium and lithium, ...

GM's big bet on affordable EV batteries is here General Motors is significantly reducing electric vehicle prices by adopting lithium iron phosphate (LFP) battery technology, which has been ...

Sodium is more than 500 times more abundant than lithium, which is available in a few countries. Sodium-ion battery charges faster than lithium-ion variants and have a three times higher lifecycle. However, sodium-ion ...

Octillion Power Systems, a California-based supplier of high-density lithium-ion battery packs for electric vehicles of all types, has expanded its existing partnership with Vision Marine ...

The event showcased a new generation of proactive safety battery cells and systems, UPS 2.0, and Data Center Energy Integration: Source-Grid-Load-Storage Solution marking a key milestone in Desay's mission for high ...

The new generation of battery technology is central to China's success in building electric cars that are considerably cheaper than electric and gasoline-powered cars made in other countries.

The International Energy Agency (IEA) recently released a report highlighting significant shifts in the electric vehicle (EV) battery market, including falling battery prices, the rising adoption of ...

July 2, 2025 Vanadium Redox Flow Batteries: A Safer Alternative to Lithium-Ion Technology As the global push for renewable energy accelerates, the demand for safe, sustainable, and ...

China has imposed export restrictions on eight key EV battery technologies as the country seeks to consolidate its dominance in the global EV race. The move makes it harder for Chinese ...

Even as the United States lifts restrictions on advanced AI chips, the PRC is tightening export restrictions on technologies critical for producing electric vehicle batteries. This move will ...

Solid state batteries (SSBs) have long been anticipated as a significant breakthrough in battery technology. Recent advancements from companies like QuantumScape and Solid Power indicate that ...

Panasonic unveils its new Kansas EV battery factory, boosting production with 32 GWh capacity plans. North



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