

The battery industry moves at a fast pace: The articles Battery Technology publishes represent only a fraction of what's happening in this quickly evolving industry. That's the idea behind this curated and regularly updated ...

China has put export restrictions on technologies critical for producing electric vehicle batteries, in a move to consolidate its dominance in the sector that has contributed to the country's ...

To achieve better and longer lasting batteries for electric vehicles, EU-funded researchers are developing technology that enables batteries to quickly detect damage and repair themselves.

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 ...

On July 23, Wuling Motors officially launched the new MPV, the Cortez DARION (Starlight 730), at the GAIKINDO Indonesia International Auto Show (GIAS). The new car is developed based ...

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 ...

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, ...

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.

Taking the 2025 AITO M9 equipped with CATL's 166Wh/kg ultra-high energy density battery as an example. This battery meets industry-leading structural and thermal safety standards, and is ...

Ningbo Contemporary Brunp Lygend Co., Ltd. (CBL), a subsidiary of Guangdong Brunp Recycling Technology Co., Ltd (Brunp), in partnership with PT Aneka Tambang Tbk (ANTAM) and Indonesia Battery Corporation (IBC), today ...

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 ...

A Surge in EV Battery Recycling in Japan As electric vehicles (EVs) rapidly gain ground across Japan,

attention is shifting to what happens to their batteries at the end of their life cycles. ...

The Lithium CR1632 3.0V Battery: Specifications and Key Features Technical Specifications Decoded The CR1632 is a lithium manganese dioxide (Li-MnO₂) coin cell battery with a nominal voltage of 3.0V. The "CR" prefix indicates its ...

July 24, 2025: Sodium ion battery technology developed by a UK university for sustainable e-mobility applications in East Africa has secured undisclosed investment from the Faraday ...

Integrated battery technologies encompass both battery pack and body integration methods, with Cell to Pack (CTP) and Cell to Body (CTB)/Cell to Chassis (CTC) being prominent forms. With...

Austrian solar technology firm Fronius has launched its new home battery system in Australia, completing its solar ecosystem. The Fronius Reserva offers seamless integration with existing ...

The battery capacity issue isn't unique to Samsung. It's a challenge inherent to the technology: fitting a large, high-performance screen and a folding mechanism within a slim profile requires ...

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 ...



Battery technologies guinea

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