

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 ...

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, ...

As global supply chain challenges and uncertainty around lithium supplies persist, sodium-ion batteries will remain an appealing solution given the abundant nature of sodium. However, as ...

Google plans to support multiple commercial projects worldwide to deploy Energy Dome's CO2 Battery technology, which can store excess clean energy and dispatch it back to the grid for 8 ...

Electric vehicle (EV) batteries are rechargeable lithium-ion or solid-state systems storing 20-120 kWh to power electric motors. Key applications span cars, buses, e-bikes, and marine vessels. ...

Japan's Strategic Role in Next-Gen Battery Development As the global mobility industry races toward electrification, Japan is emerging as a leader in advanced battery technologies. With ...

Restrictions are being applied to three technologies used to make intermediate substances needed for battery cathodes -- including those used to produce lithium iron phosphate (LFP), ...

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.

On a recent site visit to Caterpillar Electric Power's Malaga Demonstration & Learning Centre, Power Technology caught up with design engineer Holly Gregory to discuss how the ...

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