

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 ...

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 ...

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 ...

For battery technologies, that would mean contributing to the objectives of the European Battery Alliance and aim to meet almost 90 percent of the Union's battery annual demand by the ...

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, ...

These five battery technologies could be poised to challenge lithium-ion in EVs. Let's touch upon their workings, advantages, and drawbacks to see if they could shape a sustainable future for ...

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 ...

Trina Storage, the battery energy storage system (BESS) division of solar energy firm Trinasolar, has announced the deployment of three new battery storage projects in Lithuania, totalling 90 ...

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 ...

Solid-state batteries are well positioned to be the breakthrough that will help to propel advanced battery technologies to the next level of global adoption. With significant increases ...

Trina Storage, the BESS division of solar energy firm Trinasolar, has announced deployment of three new battery storage projects in Lithuania totaling 90MW/180MWh. The installations will ...

Ignitis Group, a renewables-focused integrated utility, is starting the construction of battery energy storage systems (BESS) in Lithuania. Battery energy storage parks will be installed around ...



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The current research progress in incorporating MOFs and their derived materials into energy storage devices, including alkali-metal-ion batteries, metal sulphur batteries, aqueous zinc-ion ...

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 ...



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