

As an important energy storage device, lithium-ion batteries are progressively incorporating 3D printing technology to construct nanomicro structures, thereby enhancing the electrochemical ...

Exide Industries is strategically positioning itself for growth in energy storage by focusing on both lead-acid and lithium-ion batteries, with significant investments in innovation and ...

A research team in South Korea has developed a breakthrough transfer printing technology that forms protective thin layers on lithium metal surfaces--an innovation poised to solve the long-standing dendrite issue plaguing next ...

Tesla is once again making headlines with its innovative approach to electric vehicle (EV) battery technology. The introduction of Tesla's new lithium-iron-phosphate (LFP) battery tech marks a ...

A team of Chinese researchers has made a groundbreaking breakthrough to revive aging lithium batteries by injecting a "shot" of lithium ions, potentially extending their lifespan from the typical 6-8 years or 1,000-1,500 ...

MASSIMO unveils the MileMax Lithium-ion E-rickshaw Battery, boasting long battery life and zero maintenance. The launch signifies a commitment to sustainable mobility with smart ...

On June 9, 2025, China's Ministry of Ecology and Environment, General Administration of Customs, and Ministry of Industry and Information Technology jointly issued a notice, to ...

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 ...

Lithium-ion batteries (LIBs) are central to the urgent societal need to decarbonize both transportation and energy storage on the grid. Unfortunately, despite their attractive ...

Exide charts growth path with focus on lead-acid, lithium-ion batteries Sustainability is embedded in our operations from green energy adoption and eco-friendly products to expanded recycling capacity and green logistics, Roy ...

Our research work focuses on lithium-based battery technologies - established or next-generation - such as lithium-ion, lithium-sulfur and solid-state batteries. In addition, sodium-based batteries such as sodium-ion and sodium ...



# Vienna lithium-ion battery technology

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 ...

Advancements in battery technology and supportive policies help reduce emissions and promote energy efficiency, significantly impacting global EV adoption. This paper explores the material ...

We specialize in Li-ion and Na-ion cells, modules and battery packs. As an accredited, independent company, we work with state-of-the-art technology and are constantly growing. We carry out comprehensive battery tests - from ...

A 48V lithium ion battery 200Ah is a powerful, high-capacity battery designed for demanding applications like solar, electric vehicles, and industrial uses. It offers long lifespan, fast ...

Panasonic has launched one of North America's largest automotive lithium-ion battery factories, targeting 32GWh annual capacity to meet growing EV demands Panasonic has officially opened its new cylindrical lithium-ion battery factory in ...

Kalmar has introduced its second-generation lithium-ion (Li-ion) battery solution for its range of electrically powered counter balanced equipment: reachstackers, empty container handlers ...

The U.S. Environmental Protection Agency has reached an agreement with Texas-based Vistra Corp. to remove lithium-ion batteries damaged by a massive fire at its Moss Landing battery ...

In a major step forward for sustainable energy technology, researchers at Worcester Polytechnic Institute (WPI), led by Professor Yan Wang, William B. Smith Professor of Mechanical and ...



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