

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 ...

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 market is expected to expand from approximately 700 GWh in 2022 to over 4 TWh by 2030. Since their introduction by Sony in the early 1990s, conventional lithium-ion batteries have ...

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 ...

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 ...

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 ...

A Cleaner, Cheaper Way to Make High-Performance Lithium-Ion Batteries A new breakthrough in battery chemistry could eliminate the use of cobalt and nickel in lithium-ion batteries.

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 ...

Two projects led by the University of Oxford have received a major funding boost from the Faraday Institution, the UK's flagship institute for electrochemical energy storage research. The funding is part of a £19 million ...

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 ...

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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Researchers have found a new, scalable method to recycle lithium-ion batteries that tackles two major challenges: the growing volume of battery waste and global demand for critical materials used in electric vehicles and other clean energy ...

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 ...

Here are a couple of key lithium battery technology: Solid-State Batteries: A newer type of battery with the potential for more energy and better safety. Advanced Battery Management Systems ...



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