

The law adds lithium-ion batteries to the list of items that are banned from disposal in landfills and incinerators. The law stipulates that any rechargeable device must be recycled.

KOLKATA, Jul 26: Exide Industries on Saturday said it is strategically poised to lead the future of energy storage through a dual-pronged focus on its conventional lead-acid battery business ...

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 ...

Lithium-ion batteries are in most consumer electronics, from power banks and smartphones to active mobility devices. Although fires arising from the use of these batteries are not ...

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 ...

ROYPOW high-volt lithium-ion marine battery system is highly scalable. The capacity of a single battery system can reach up to 2,785 kWh, and the total capacity can be expanded to 2-100 ...

IDTechEx's report "Additives for Li-ion Batteries and PFAS-Free Batteries 2026-2036: Technologies, Players, Forecasts" provides a detailed deep-dive into the fast-evolving ...

An Iowa State University researcher is using a special tool to test the limits of lithium-ion batteries. Todd Kingston says the device called the accelerating rate calorimeter or ARC. "It ...

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 ...

Our revolutionary lithium sulfur batteries are lighter, cleaner and greener and deliver more than twice the energy density of lithium ion. The demand for batteries is forecast to increase 10x by 2030 with climate change ...

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 ...

A team of McGill University researchers, working with colleagues in the United States and South Korea, has



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developed a new way to make high-performance lithium-ion battery materials that ...

Gradiant, a global water and resource recovery innovator, has announced the world's first fully integrated lithium production facility using oilfield produced water, through its lithium platform ...

Lithium batteries are categorized by chemistry (LiFePO₄, NMC, LCO) and cell design (cylindrical, prismatic, pouch). LiFePO₄ offers thermal stability and longevity, while NMC provides higher ...

Prime Minister Modi's state visit to the Powered by: China, EU vow to accelerate global renewable energy deployment, back Paris accord on climate MASSIMO Launches Next-Gen MileMax ...

Technology Graphene Batteries: The Future of Energy Storage Replacing Lithium-Ion Discover how graphene batteries, with quicker charging, greater storage, and longer lifespan, are set to ...

Zelio E Mobility has launched the Gracy+ electric scooter in India, priced between Rs 58,000 and Rs 69,500. Offered in Lithium-ion and Gel battery variants, it delivers up to 130 km range with ...



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