

Ethiopia's Chief of General Staff, Field Marshal Berhanu Jula, has made a strong statement regarding the current status of the Tigray People's Liberation Front (TPLF), claiming that the group remains armed with significant mechanized ...

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 ...

The battery plant will be built in West Java, while the remaining sub-projects will be in eastern Indonesia's nickel-rich province of North Maluku. Indonesia holds the world's largest nickel ...

Safety Enhancements High Energy Density Opting for lithium batteries not only ensures exceptional backup performance but also supports a more sustainable and efficient approach to energy storage and usage. By ...

The CATMAT project is researching next-generation cathode materials that could significantly increase the energy density of lithium-ion batteries. There is an urgent need to increase the range of electric vehicles ...

As the South China Morning Post detailed, Achelous Pure Metals can process more than 165 tons of used non-electric vehicle batteries annually, transforming metals like lithium, copper, ...

Buried deep within the negative electrode of advanced lithium-ion batteries, silicide is stepping into the spotlight. Forget basic silicon; silicide offers a smarter path to the energy storage ...

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 ...

Inverter batteries are used to store extra energy produced by solar panels during the day or PHCN power for usage at night or on cloudy days. In this article, we will look at the top ten solar battery brands in Nigeria, which include ...

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 ...

GM said Monday it is working with joint venture partner LG Energy Solution to upgrade its Ultium battery factory to make lithium-iron-phosphate cells for the automaker's low-cost EVs. The...

Gradient, 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-ion batteries togo

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 ...

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 ...

This study assesses the material, environmental, and economic performance of closed-loop lithium-ion battery (LIB) recycling amid China's electric vehicle ambitions, indicating that a ...

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 ...

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 ...



Lithium-ion batteries togo

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