
Lithium-ion battery control screen for Portugal solar container communication station

Around 60% of identified lithium is found in Latin America, with Bolivia, Argentina and Chile making up the 'lithium triangle'. Demand for lithium is predicted to grow 40-fold in the ...

The main difference is the energy density. You can put more energy into a lithium-ion battery than lead acid batteries, and they last much longer. That's why lithium-ion batteries ...

The Top 10 Emerging Technologies of 2025 report highlights 10 innovations with the potential to reshape industries and societies.

Too many lithium-ion batteries are not recycled, wasting valuable materials that could make electric vehicles more sustainable and affordable. There is strong potential for the ...

Lithium is one of the key components in electric vehicle (EV) batteries, but global supplies are under strain because of rising EV demand. The world could face lithium ...

Lithium-ion batteries are coming under scrutiny after causing a series of fires. The US gets most of its lithium-ion batteries from China, and also sources large volumes from ...

The shift to electric vehicles and renewable energy means the demand for lithium ion batteries and the metals they are made from is set to increase rapidly. But at what cost?

Critical minerals like lithium, cobalt and rare earth elements are fundamental to technologies such as electric vehicles, wind turbines and solar panels, making them ...

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