



Batteries of the Future

REPORT

LAUNCH OF 1 MW GRIDPACK UTILISING BREAKTHROUGH SODIUM CHLORIDE TECHNOLOGY

In a breakthrough for battery technology, an Australian company has launched a design for a 1 mega-watt hour sodium chloride Cerenergy battery pack destined for the renewable energy storage market. The product called GridPack, uses an innovative new sodium chloride battery technology and it's creating quite a buzz. Unlike traditional batteries that rely on expensive and sometimes scarce metals like lithium, cobalt, graphite, and copper, this new technology uses sodium ions - a common element found in table salt.

The GridPack boasts impressive safety features and longevity. One of the unique features of these batteries, is that there are no moving parts such as cooling fans like in lithium-ion battery packs. They are totally silent and can be installed close to residential neighborhoods. These innovative batteries can even function in extreme temperatures, from frigid cold to scorching desert heat. The “plug and play” feature of the site installation for the GridPacks ensures that they can be easily installed in remote locations. Additionally, the containers have been designed to be stackable, which minimizes the battery footprint.



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