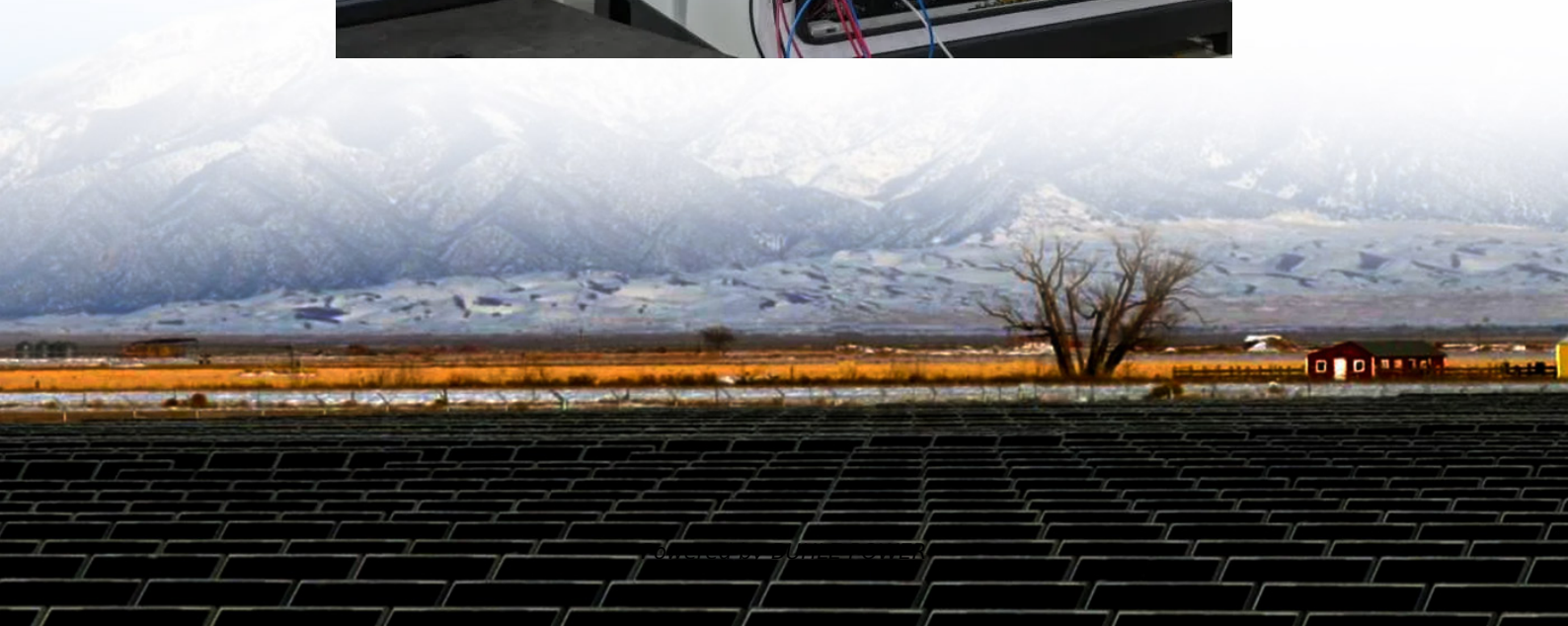


The first sodium-ion battery for energy storage





Overview

How safe is the cell n162ah sodium-ion battery?

The ∞Cell N162Ah sodium-ion battery has successfully passed the rigorous safety tests specified in the GB/T 44265 standard for utility-scale energy storage systems, including drop, crush, short circuit, overcharge/over discharge, and thermal runaway tests.

Are sodium-ion batteries a game-changer for affordable energy?

The system is the first of its kind at grid scale, and may eventually be a game-changer for delivering affordable energy in the US. Sodium-ion batteries work well in hot or cold weather without auxiliary cooling systems. That makes them cheaper and easier to maintain, especially for utility-scale projects. They also use more abundant materials.

Are sodium ion batteries better than traditional batteries?

Sodium-ion batteries, developed with China's proprietary technology, offer higher thermal adaptability and greater raw material security. Their maximum output and response speed are reportedly three and six times greater, respectively, than traditional sodium-ion batteries.

What is a lithium-ion battery station?

The station marks a technical breakthrough by integrating lithium-ion and sodium-ion batteries within the same site. Lithium batteries, known for their maturity and fast response, handle high-frequency grid regulations.



The first sodium-ion battery for energy storage



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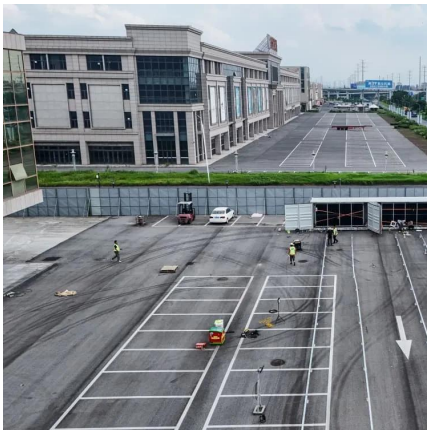
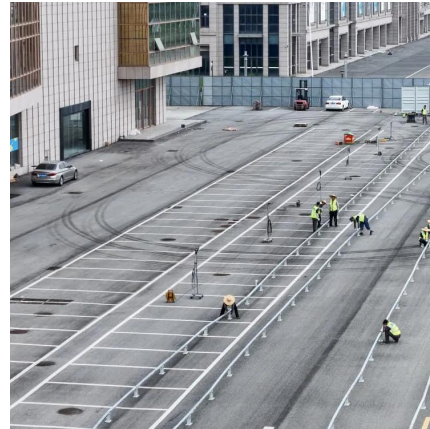
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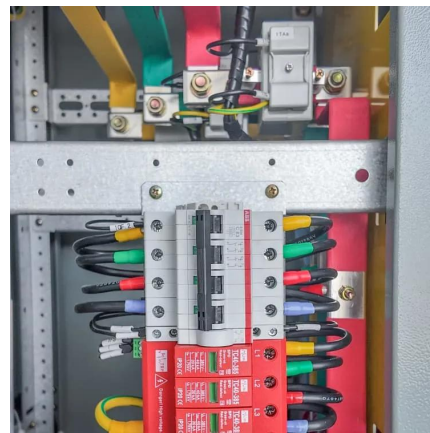


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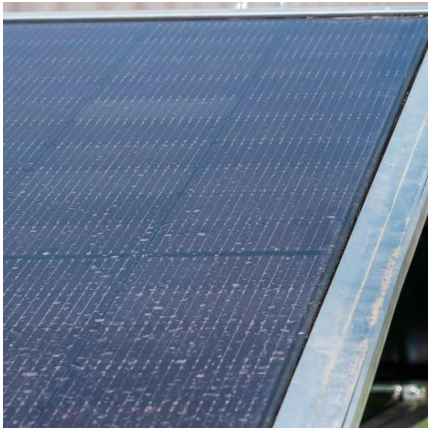
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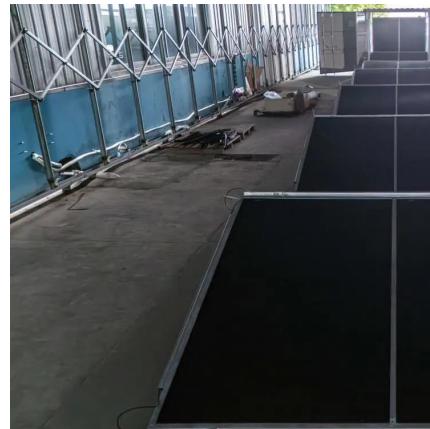


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