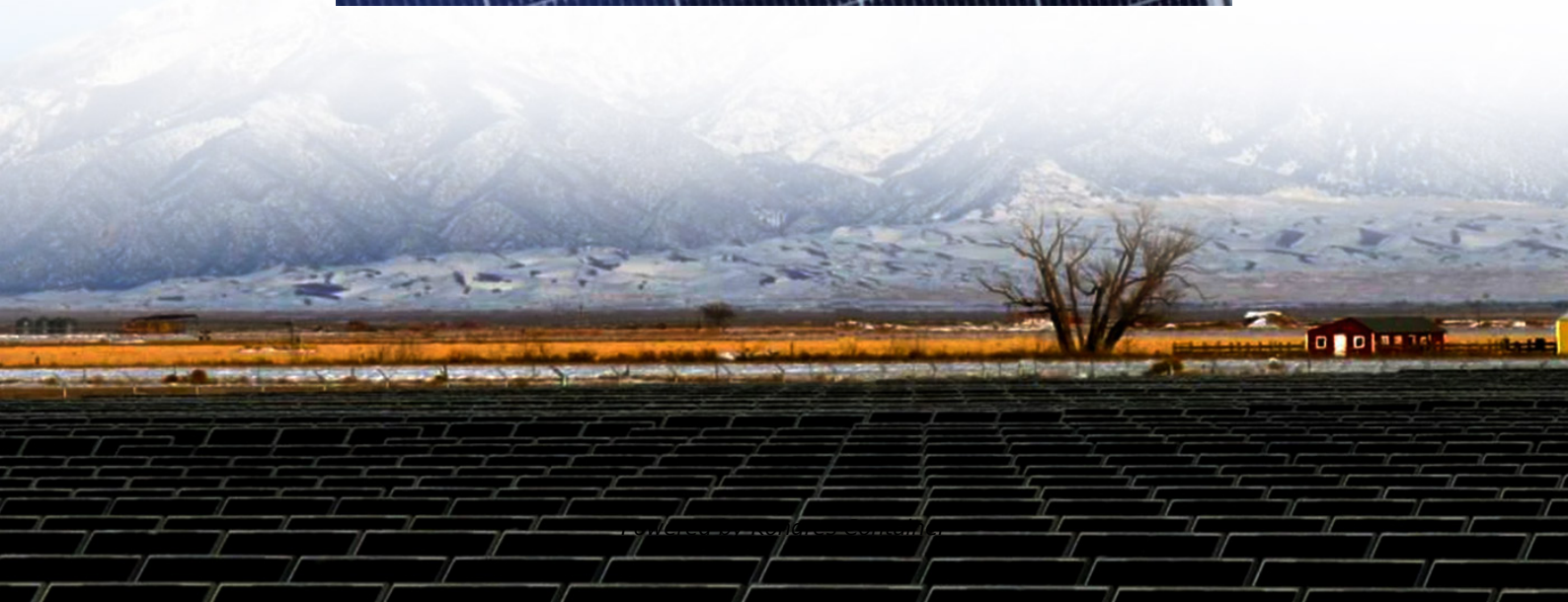


## Kongres Container

# Smart New Energy Storage



## Overview

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Smart energy storage solutions, such as Building-to-Grid (B2G) systems, allow buildings to interact dynamically with the energy grid, optimizing energy flow, minimizing waste, and significantly lowering operational costs. Why are energy storage technologies important?

They are also strategically important for international competition. KPMG China and the Electric Transportation & Energy Storage Association of the China Electricity Council ('CEC') released the New Energy Storage Technologies Empower Energy Transition report at the 2023 China International Energy Storage Conference.

Will new energy storage drive China's Energy System Transformation?

New-type energy storage, such as electrochemical energy storage and hydrogen storage, is poised to drive China's broader energy system transformation, alongside economic benefits, powering the nation's economic engine and ushering in an era of unprecedented energy independence and sustainability, they said.

Is the energy storage industry achieving scaled development?

With the performance of lithium batteries significantly improving over the past few years and the iteration of multiple technology routes accelerating, the energy storage industry has achieved scaled development, said Chen Haisheng, chairman of China Energy Storage Alliance.

Is the energy storage industry growing fast?

According to the "Energy Storage Industry Research White Paper 2025" released during the recently concluded 13th Energy Storage International Conference and Expo held in Beijing, the new-type energy storage sector has sustained high-speed growth throughout the 14th Five-Year Plan (2021-25) period.

Why do we need energy storage solutions?

As the global energy transition accelerates, the need for reliable, scalable and cost-effective energy storage solutions has never been greater.

Can China tap into new-type energy storage?

Leveraging its dominant position in electric vehicles, lithium batteries and solar panel manufacturing, China is now strategically positioned to tap into new-type energy storage as a key driver of economic expansion and energy security, said industry experts and company executives.

## Smart New Energy Storage

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