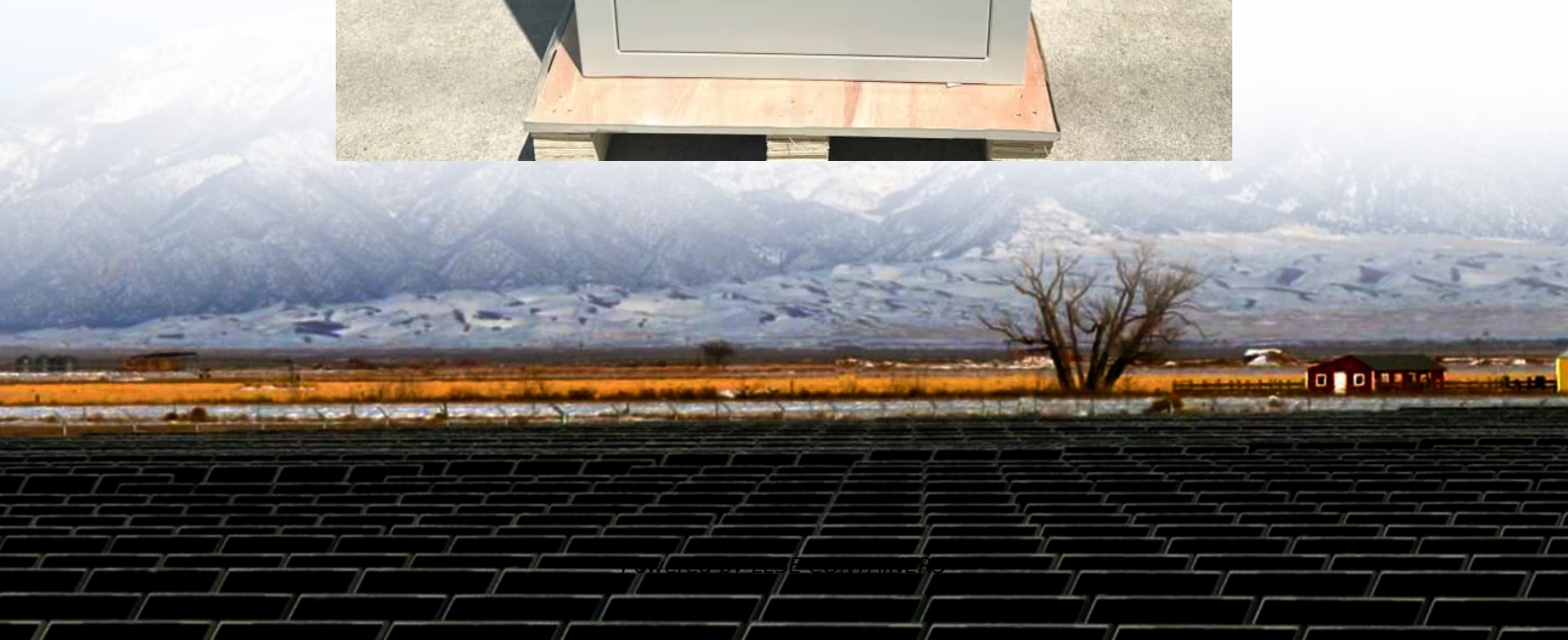


The development prospects of Asian energy storage solar industry





Overview

Why is China's energy storage industry growing so fast?

As a crucial driver of energy transformation and the development of new power systems, the energy storage industry has grown rapidly. China's energy storage industrial chain is now well developed, spanning upstream, midstream, and downstream sectors.

What will China's new energy storage industry look like in 2022?

In 2022, the 14th Five-Year Plan for New Energy Storage Development set out the clear requirements and key tasks of China's new energy storage industry, focusing on advancing technologies such as superconducting and supercapacitor energy storage.

How can China accelerate energy storage development?

Multiple opportunities exist to accelerate energy storage development in China. The rapid expansion of renewable energy sources, particularly wind and solar, creates a strong demand for storage solutions. Technological advancements, such as AI-driven energy management and new battery chemistries, hold promise for improving efficiency.

Is China's energy storage industry a strategic emerging sector?

China's energy storage industry is experiencing rapid expansion and has been designated as a strategic emerging sector. Since the launch of the "dual carbon" goals, the cumulative installed capacity of new energy storage has surged from 3.81 GW in 2020 to 78.32 GW in 2024 (Figure 1). Figure 1.



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Prospects and challenges for the development of energy storage industry

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