

# Development trend of new energy storage in China



## Overview

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The report forecasts a high level of new renewable energy installations across the country over the next three years, with a surge in solar and wind power driving demand for distributed energy storage solutions and virtual power plants, as well as creating opportunities for.

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### [Analysis of recent development in energy storage technology in China](#)

The analysis focuses on various energy storage technologies with statistics on patents issued by researchers or institutions from these countries.

### [New Energy Storage Scale Development Action Plan](#)

As of the end of June 2025, the national new energy storage installed capacity reached 94.91GW/222GWh. This means that China's energy

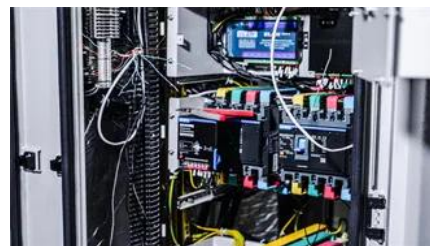


### **Energy storage set for robust expansion**

The 2025 China Energy Development Report, released recently by the institute in Beijing, highlights the promising outlook for emerging energy storage technologies such as sodium-ion

### [The development of China's new energy storage industry in 2024](#)

In 2023, the cumulative installation of energy storage in China was nearly 83.7GW. Among them, the cumulative installation of new energy storage was about 32.2GW with a year-on



### [The prospects of energy storage technology development in China:](#)

As China accelerates the deployment of renewable energy, the stability of the power

system faces persistent operational constraints. Energy storage, serving as a pivotal enabling

### [Next step in China's energy transition: energy storage](#)

In China, generation-side and grid-side energy storage dominate, making up 97% of newly deployed energy storage capacity in 2023. 2023 was a



### [China unveils three-year action plan to boost new-type energy storage](#)

China on Friday unveiled an action plan to promote the development of new forms of energy storage between 2025 and 2027, amid efforts to support green energy transition and ensure

### [CHINA'S ACCELERATING GROWTH IN NEW TYPE ENERGY](#)

In terms of storage types, the dominant advantage of lithium-ion batteries continues to expand, accounting for 97.4% of the new type storage installation. Other types, such as air compression, and



### [China National Energy Administration Released Official](#)

This inaugural report provides an authoritative account of NES development across China, covering industry trends, policy advances,

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### [A Review of the Development of the Energy Storage](#)

In 2022, the 14th Five-Year Plan for New Energy Storage Development set out the clear requirements and key tasks of China's new

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