

New Energy Storage Types





Overview

Stationary energy storage technologies broadly fall into three categories: electro-chemical storage, namely batteries, fuel cells and hydrogen storage; electro-mechanical storage, such as compressed air storage, flywheel storage and gravitational storage; and thermal storage, including sensible, latent and thermochemical storage.



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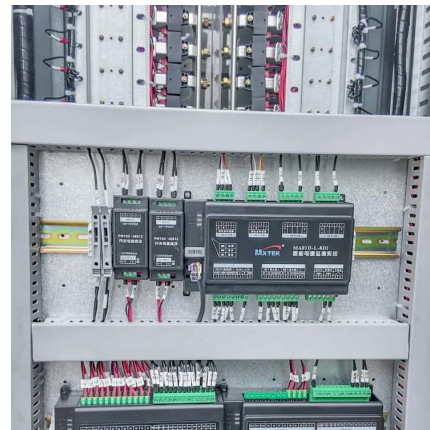


[Solar, battery storage to lead new U.S. generating capacity ...](#)

Battery storage. In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already ...

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

2 hours ago· The country aims to achieve more than 180 million kilowatts of installed new-type energy storage capacity by 2027, which is expected to drive approximately 250 billion yuan ...



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