

**Espay Solar Energy S.L.**

# The first year of new energy storage



**Higer conversion efficiency**

CAN/RS485/WIFI/4G  
Blue tooth communication

20 Kwh

30 Kwh

50 Kwh

Thick shell, well protection for inside cells

BMS customization supported



## Overview

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The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector continues to grow as developers push forward with larger and larger utility-scale projects. By the end of December 2025, China's cumulative installed capacity of new energy. Tesla's energy storage plant in Shanghai's Lin-gang Special Area commenced operation on Tuesday, as the assembly line started the production of the first Megapack unit. Since 2024. The new tax law, commonly referred to as the One Big Beautiful Bill Act, rolled back many clean energy tax credits and imposed new restrictions, pressuring early-stage wind and solar pipelines. That makes Q1 2025 the biggest first quarter for. In January 2022, the National Development and Reform Commission and the National Energy Administration jointly issued the Implementation Plan for the Development of New Energy Storage during the 14th Five-Year Plan Period, emphasizing the fundamental role of new energy storage technologies in a new.

## The first year of new energy storage

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### Tesla's new mega factory project in Shanghai officially launched

In January 2019, Tesla broke ground on its Shanghai Gigafactory, becoming the first to benefit from a new policy allowing foreign carmakers to establish wholly owned subsidiaries in China. ...

### China National Energy Administration Released Official Report

The most notable finding: by the end of 2024, China had reached 73.76 GW / 168 GWh in cumulative new energy storage capacity--an increase of more than 130% year-on-year. This figure ...



### US energy storage set a new record in Q1 2025 but the ...

US energy storage set a Q1 record in 2025 with 2 GW added, but looming policy changes could put that growth at serious risk.



## Beyond Lithium: The Next Frontier

## In Energy Storage

According to BloombergNEF, global battery storage capacity doubled in 2023, and most of that growth came from lithium-ion technology. Companies like Tesla, LG Energy Solution, and ...

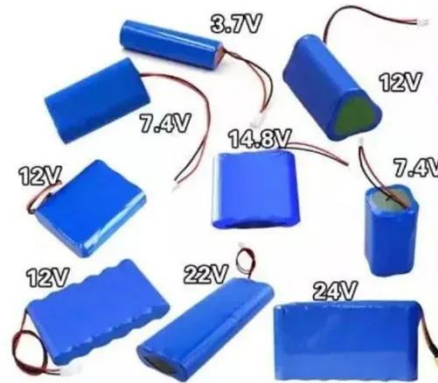


### Tesla battery gigafactory in Shanghai launches production

As Tesla's first energy storage gigafactory outside the United States, the new Lin-gang plant only took nine months from groundbreaking, which took place in May 2024, to official operation.

### 2026 Renewable Energy Industry Outlook , Deloitte Insights

2025 has been a challenging year for renewables. The new tax law, commonly referred to as the One Big Beautiful Bill Act, rolled back many clean energy tax credits and imposed new restrictions, ...



### Energy-Storage.News

By the end of December 2025, China's cumulative installed capacity of new energy storage technologies including lithium-ion reached 144.7GW,

representing an 85% year-on-year rise.

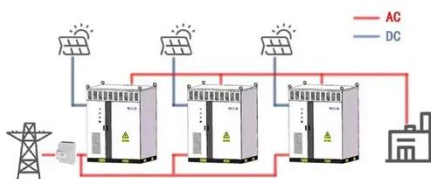


## New Energy Storage Technologies Empower Energy Transition

In 2022, 194 electrochemical storage stations were put into operation, with a total stored energy of 7.9GWh. These accounted for 60.2% of the total energy stored by stations in operation, a year-on-  
...



WORKING PRINCIPLE



## REPORT: Energy Storage's Meteoric Rise Breaks Another Record

Across all segments, 15 GW of storage is expected to be installed this year, marking a 25% increase over 2024. "Activity has been strong and our forecast for this year has expanded," said ...

## Global Energy Storage Growth Upheld by New Markets

The global energy storage market is poised to hit new heights yet again in

2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector ...



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