

## European Solar Energy Storage

# Energy storage orders are sluggish



## Overview

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while solar panels get Instagram-worthy installations and wind turbines star in climate documentaries, energy storage continues to be sluggish in its growth trajectory. Despite being a \$33 billion global industry [1], it's like watching grass grow compared to other renewable sectors.

After a record-breaking year in 2022, the US energy storage industry has seen second successive quarter of declines in installation figures.

Well, here's something you might've noticed: global energy storage orders surged 240% in Q1 2025 compared to last year [1]. But wait, no—let's back up. Why is everyone suddenly scrambling for battery storage systems?

The answer lies in three converging forces:.

## Energy storage orders are sluggish

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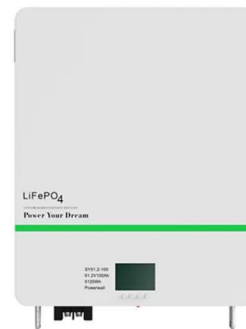


### How much have energy storage battery orders dropped sharply?

Several intricate factors are influencing the decline in orders for energy storage batteries. Primarily, global supply chain disruptions caused by geopolitical tensions and post-pandemic recovery challenges have hindered production capabilities.

### Energy Storage Order Growth: Meeting Demand in the ...

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### Why is energy storage developing so slowly? , NenPower

One primary factor contributing to this sluggish progression is limited scalability. Many forms of energy storage technologies, such as lithium-ion batteries, have inherent challenges that complicate their application across large-scale utility settings.

### Sluggish US Energy Storage

## Expansion In 2023 1st Quarter

Energy storage expansion slowed in the US in Q1 2023 despite an increase in the number of future projects. Capacity additions in the first quarter dropped by 55% compared to the previous year, reaching 422 MW across 22 sites. This represents the ...



## Navigating the Challenges of Energy Storage Systems

Explore the key trends, market drivers, regulatory challenges, and innovative solutions shaping the global energy storage systems (ESS) industry.

## Energy Storage Rides a Wave of Growth but Uncertainty Looms: ...

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## Why Is Energy Storage Growth Still Sluggish? 3 Roadblocks You ...

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## Supply chain a factor in slowdown for US energy storage industry

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## Energy storage overcapacity can cause power system instability ...

But the risks for power-system security of the converse problem -- excessive energy storage -- have been mostly overlooked.



## A 2025 Update on Utility-Scale Energy Storage Procurements

While the energy storage market continues to rapidly expand, fueled by record-low battery costs and robust policy support, challenges still loom on the horizon--tariffs, shifting tax incentives, and supply chain uncertainties threaten to temper near-term momentum.



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