

**JH Solar**

# **Energy storage battery scale ranking list**



## Overview

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According to InfoLink's global lithium-ion battery supply chain database, energy storage cell shipment reached 114.5 GWh in the first half of 2024, of which 101.9 GWh going to utility-scale (including C&I) sector and 12.6 GWh going to small-scale (including communication) sector. The market.

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Below are ten of the most influential energy storage battery manufacturers worldwide, covering a wide range of applications from residential to commercial and grid-level storage. The list is in no particular order: 1. CATL (Contemporary Amperex Technology Co., Limited) – China One of the largest.

According to InfoLink's Global Energy Storage Supply Chain Database, global energy storage cell shipments totaled 314.7 GWh in 2024, up 60% YoY. The market showed a trend of early decline followed by a rebound, with 4Q24 shipments increasing 19.7% QoQ, reaching the annual peak for 2024. In 2024.

This comprehensive analysis ranks the top 10 BESS manufacturers based on production capacity, global market presence, technological advancements, and notable project implementations. The global BESS market reached approximately 240 GWh in 2024, a 60% year-over-year increase. According to industry.

Chinese energy storage battery companies performed exceptionally well, achieving record-breaking global shipments. CATL maintained its leading position for consecutive years, while other companies such as EVE Energy, HiTHIUM, BYD, and AESC followed closely. In 2024, the global energy storage market.

The top 10 global energy storage battery cells shipments include well-known companies such as CATL, CATL, BYD, and EVE. Through continuous innovation

and technological breakthroughs, they have become a leader in the energy storage battery industry and have made important contributions to the.

China (32.6 GWh), and Europe (31.2 GWh). Excluding China, Japan (2.3 GWh) and South Korea (1.2 GWh) comprise a large share. BYD and Great Power shipped the most. The top 5 list remained unchanged. Redox and solid-state are also rising. Additionally, innovative thermal and hydrogen storage technologies reduce the cost. What are the top 5 energy storage cell shipments in 2024?

The top five companies in global energy storage cell shipments for 2024 were: CATL, EVE Energy, BYD, Hithium Energy Storage, and CALB. The top themes for the year were: stability, market shift, and key clients. Stability: With years of industry experience, CATL maintains a clear market advantage and firmly holds the top position in the industry.

What are the top 5 energy storage manufacturers?

The top five manufacturers were CATL, EVE Energy, Hithium, BYD, and CALB. CR5 has surpassed 75%, signaling a highly concentrated market with limited growth opportunities for new entrants. According to InfoLink, 300Ah+ cells now account for nearly 50% of the global utility-scale energy storage market in a single quarter.

Which Chinese energy storage battery companies performed well?

Chinese energy storage battery companies performed exceptionally well, achieving record-breaking global shipments. CATL maintained its leading position for consecutive years, while other companies such as EVE Energy, HITHIUM, BYD, and AESC followed closely. TOP 1 CATL.

What are the top 5 energy storage cell manufacturers?

The top five largest energy storage cell manufacturers in the first half are CATL, EVE Energy, REPT, Hithium, and BYD. CATL secured the top position with orders from major customers like Tesla and Fluence. EVE Energy received orders from all big customers, sustaining second place in the industry.

What is the battery energy storage system (BESS) industry?

The Battery Energy Storage System (BESS) industry has experienced remarkable growth in recent years, driven by the global shift toward renewable energy and the increasing need for reliable grid stability solutions.

Which energy storage cell manufacturers grew the most in 2024?

In 2024, global utility-scale energy storage cell shipments reached 283 GWh, up 68% YoY and 22.6% QoQ in Q4. The top five manufacturers were CATL, EVE Energy, Hithium, BYD, and CALB. CR5 has surpassed 75%, signaling a highly concentrated market with limited growth opportunities for new entrants.

## Energy storage battery scale ranking list

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### Great Power on the BNEF Energy Storage Tier 1 List

On July 16th, BNEF released the "BNEF Energy Storage Tier 1 List 3Q 2024", with Great Power ranked as the BNEF Tier 1 energy storage manufacturer. This inclusion in ...

### Top 10 Energy Storage Battery Manufacturers (2025)

Below are ten of the most influential energy storage battery manufacturers worldwide, covering a wide range of applications from residential to commercial and grid-level storage.



### Top energy storage manufacturers of 2023 revealed

The energy storage sector reached new heights in 2023, as showcased at the annual Energy Storage Carnival and the release of the Global Energy Storage Shipment ...

### [Top 10 BESS manufacturers in USA](#)

Company profile: Fluence, a leading global provider of distributed energy storage and battery energy storage solutions, was founded in

2018 as a joint venture between Siemens and AES Corporation. Headquartered in ...



**TAX FREE**

**ENERGY STORAGE SYSTEM**

**Product Model**  
 HJ-ESS-215A(100KW/215KWh)  
 HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
 1600\*1280\*2200mm  
 1600\*1200\*2000mm

**Rated Battery Capacity**  
 215KWH/115KWH

**Battery Cooling Method**  
 Air Cooled/Liquid Cooled

## Chinese battery storage system integrators move ...

A project from Statera in the UK for which Sungrow provided its grid-scale BESS technology. Image: Sungrow / Statera. Substantial growth in China's domestic energy storage market has led to ...

## 42 Commercial Storage Battery Manufacturers in 2025

This section provides an overview for commercial storage batteries as well as their applications and principles. Also, please take a look at the list of 42 commercial storage battery ...



## BNEF Energy Storage Tier 1 List: Methodology

BNEF Energy Storage Tier 1 List: Methodology BloombergNEF has developed a tiering system for stationary energy storage products. Based on deployment over the last two years, this system ...

## Top Energy Storage Companies

Top Energy Storage Companies Energy storage solutions are becoming an integral part of most power generating systems, maximizing their efficiency and flexibility. For your convenience, we ...



## **Top 10 energy storage manufacturers in USA**

Company profile: Enphase Energy, Inc., based in Fremont, California, specializes in solar microinverters, battery energy storage system design, and EV charging for homes. Founded in 2006, Enphase revolutionized ...

## **New Energy Storage Plant Ranking: Who's Leading the Global ...**

If the energy storage industry were a Hollywood blockbuster, 2025 would be the year of explosive plot twists. With renewables now supplying over 35% of global electricity, the ...



## Energy-Storage.News

Fluence opens 35GWh utility-scale battery storage system manufacturing facility in Vietnam Global energy storage technology and energy software services provider Fluence and ACE ...

## Top Battery Storage Companies to Watch in 2025

The Companies to Watch: Our Curated List of Battery Storage Innovators The following list presents a curated selection of leading companies across various segments of the battery storage industry, ...



## Top energy storage manufacturers of 2023 ...

The energy storage sector reached new heights in 2023, as showcased at the annual Energy Storage Carnival and the release of the Global Energy Storage Shipment Rankings for Chinese Enterprises by the ...

## Fluence Tops IHS Global Ranking of Battery ...

The ranking is based on market share of installed and planned projects, and Fluence leads the list with 18% of all announced front-of-the-meter and large scale commercial and industrial cumulative battery ...



## Top 10 Global BESS Manufacturers Ranking 2025

Introduction The Battery Energy Storage System (BESS) industry has experienced remarkable growth in recent years, driven by the global shift toward renewable energy and the increasing ...

## Global battery energy storage system (BESS) ...

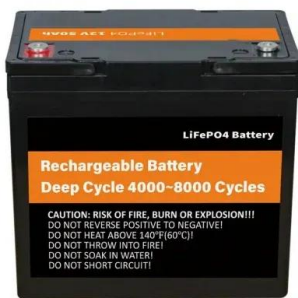
This report provides rankings of the top battery energy storage system (BESS) integrators based on MWhs shipped, broken down globally and regionally. The report also covers the changing landscape of ...



Standard 20ft containers



Standard 40ft containers



## Energy Storage Battery Ranking 2025: Top Technologies ...

Let's face it - batteries are the rock stars of our clean energy revolution. As we sprint toward 2025, the global energy storage battery market is projected to hit a staggering ...

## 7 Energy Storage Companies to Watch Out for in ...

A detailed review of the most promising energy storage companies of 2025 and all you need to know for investors and technology enthusiasts.

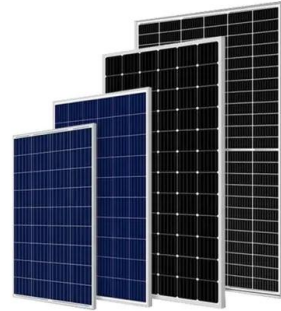


## Top 10: Energy Storage Technologies , Energy ...

The top energy storage technologies include pumped storage hydroelectricity, lithium-ion batteries, lead-acid batteries and thermal energy storage Electrification, integrating renewables and making grids ...

## HyperStrong ranked in BNEF Energy Storage Tier ...

Based on bankability as evidenced by deployment, the system is designed to create a transparent differentiation between the hundreds of stationary energy storage manufacturers in the market. This ...



## Top 50 Energy Storage Companies in 2021 , YSG Solar

The future looks bright for battery storage systems and these companies will undoubtedly play a prominent role in the growth of both energy storage systems and ...

## 2024 Global and non-China shipments of energy storage cell: ...

The top five companies in global energy storage cell shipments for 2024 were: CATL, EVE Energy, BYD, Hithium Energy Storage, and CALB. The top themes for the year ...



## [Top 10 energy storage companies](#)

The rankings of each company have undergone significant changes compared to the top ten energy storage battery shipment volumes in 2022, reflecting the dynamic nature of the industry.

## Guidehouse: Fluence ahead of Tesla in global ...

There are seven utility-scale energy storage system integrator companies that currently lead a global market poised for significant expansion, with Fluence and Tesla currently competing for the top spot, ...



## Top 10 Energy Storage Battery Manufacturers in USA

Product Types: Iron-air battery systems designed for day-to-week scale grid storage As the USA continues to scale its renewable energy infrastructure, battery storage will ...

## BNEF notes growth in China players as it release ...

Image: Kehua. BloombergNEF (BNEF) has launched its Energy Storage Tier 1 list of providers, noting growth in new players from the China market. The Tier 1 ranking of battery energy storage system ...



## Great Power Reclaims Its Spot on BNEF Tier 1 Energy Storage

The BNEF Tier 1 list is based on a company's number of projects, scale, and technological advancements, making it a key metric for energy storage system integrators, ...

## ranking of best-selling energy storage battery brands

As for small-scale energy storage projects, CATL, REPT, EVE Energy, BYD, and Great Power shipped the most. The top 5 list remained unchanged in the first three quarters of 2023.



## Top Battery Energy Storage System (BESS) ...

Top Battery Energy Storage System (BESS) Integrators in China In March 2024, the Zhongguancun Energy Storage Industry Technology Alliance released its annual rankings for 2023, highlighting the ...

## Global energy storage cell, system shipment ranking 1H24

The top five largest energy storage cell manufacturers in the first half are CATL, EVE Energy, REPT, Hithium, and BYD. CATL secured the top position with orders from major ...



### HEAT DISSIPATION

Cold aisle containment, making optimal refrigeration effect:

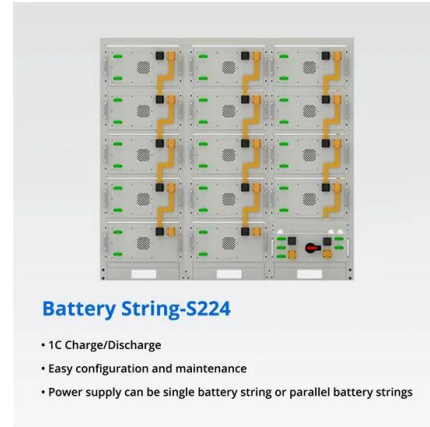


## Top 10 Battery Energy Storage System Companies

The global demand for renewable energy has led to the rise of battery energy storage system companies, also called BESS companies, which are pivotal for efficient and reliable energy storage. In this blog, we ...

## Top Energy Storage Companies

Top Energy Storage Companies Energy storage solutions are becoming an integral part of most power generating systems, maximizing their efficiency and flexibility. For your convenience, we have compiled a list of the top ...



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