

**JH Solar**

# Energy storage production ranking



## Overview

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InfoLink Consulting has released its Global Energy Storage Supply Chain Database. 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.

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In this week's Top 10, Energy Digital takes a deep dive into energy storage and profile the world's leading companies in this space who are leading the charge towards a more sustainable energy future. 10. Vivint Solar Acquired by Sunrun in 2020 for US\$3.2bn, Vivint Solar entered the home energy.

Among the top 10 global battery manufacturers (power + energy storage) in 2024, six are Chinese companies: CATL, BYD, EVE Energy, CALB, Gotion High-Tech, and Sunwoda. Three South Korean companies—LG Energy Solution, Samsung SDI, and SK On—along with Japan's Panasonic also made the list. Part 1.

InfoLink Consulting has released its 2024 global energy storage system (ESS) shipment ranking, based on its Energy Storage Supply Chain Database. In 2024, global ESS shipments continued to grow, reaching 240 GWh, up over 60% YoY. AC side: Leading manufacturers between China and the U.S. maintain.

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. This comprehensive analysis ranks the top 10 BESS manufacturers based on production.

With renewables dominating power grids and EVs zipping through streets, companies racing to store clean energy are rewriting the rules of the game. But who's actually winning?

Buckle up as we unpack the world energy storage technology company rankings, blending hard data, juicy market trends, and a.

In 2024, CATL secured the top position of companies by battery (power and energy storage) installed capacity in the global market in 2024, with an impressive 491 GWh, representing a 29% year-over-year increase. CATL's market share reached 38%, up 2 percentage points from the previous year. BYD. 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.

What was the energy storage industry like in 2024?

In 2024, industry concentration remains high, with CR10 reaching 90.9%, roughly the same as in the first three quarters of the year. 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.

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.

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.

What percentage of energy storage batteries are shipped by Chinese

companies?

At the product level, Chinese companies dominated the global market for energy storage batteries, accounting for a staggering 91% of the total shipments, amounting to 198.9 GWh. The shipment volume of PCS by Chinese firms stood at 49.38 GW, representing 67.3% of global PCS shipments.

How much energy do Chinese companies supply?

In terms of system-level shipments, Chinese companies supplied 32.56 GW/70.43 GWh of energy storage solutions globally (excluding residential systems), and contributed around 8.31 GWh to the global residential energy storage market.

## Energy storage production ranking

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### Top energy storage manufacturers of 2023 ...

EESA Chairman, Du Xiaotian, delivered a comprehensive summary of the global and Chinese energy storage industry's developments in 2023, unveiling shipment data and rankings across various segments of ...

### AESC Ranks Fourth in Global Energy Storage

AESC's Growth and Expansion AESC's rise in the rankings reflects its commitment to cutting-edge energy storage technology, extensive global reach, and increasing ...



### "Expansion of privately-owned Chinese BESS ...

While the same names appear on this year's top five list of global battery energy storage system (BESS) integrators, the order has changed. Anqi Shi, principal analyst, batteries and energy storage, at S& P ...

### Top 10 Lithium Battery Companies Dominate EVs ...

Grid-Scale Storage: Development of lithium batteries for large-scale energy storage applications. Supply Challenges Raw Material Shortages: Efforts are underway to establish

domestic supply chains for ...



## Bess Manufacturers Top 10 in the World 2024

As global demand for renewable energy continues to rise, Battery Energy Storage System (BESS) manufacturers are playing an increasingly vital role in the energy ...

## 1Q24 Energy-storage cell shipment ranking: CATL ...

The world shipped 38.82 GWh of energy-storage cells in the first quarter this year, with utility-scale and C& I projects accounting for 34.75 GWh and small-scale (including telecom projects, hereafter as small ...



## Global EV battery market share in 2024: CATL ...

LG Energy Solution's installed power battery volume in 2024 was 96.3 GWh, up 1.3 percent year-on-year. The South Korean company continued to rank third in the January-December period with a ...

## Top World Energy Storage Technology Company Rankings 2025: ...

Buckle up as we unpack the world energy storage technology company rankings, blending hard data, juicy market trends, and a dash of humor. (Yes, even batteries ...

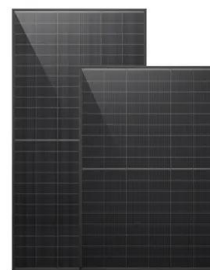


## BNEF Energy Storage Tier 1 List 3Q 2025

BloombergNEF has developed a tiering system for battery cell makers and system integrators. Based on bankability as evidenced by deployment, the system is designed to create a transparent differentiation between the ...

## Top Battery Energy Storage System (BESS) Integrators in China

The 2023 rankings by the Zhongguancun Energy Storage Industry Technology Alliance highlight China's top battery energy storage system integrators across domestic, ...



## The Top 10 Battery and Storage Companies

Where the world's energy consumption and generation patterns are intermittent, the need for companies to provide cutting-edge storage solutions for renewable energy has never been more important.

## Top 10 Global Power & Storage Battery Manufacturers 2024

Among the top 10 global battery manufacturers (power + energy storage) in 2024, six are Chinese companies: CATL, BYD, EVE Energy, CALB, Gotion High-Tech, and Sunwoda.



## Top 10 Global BESS Manufacturers Ranking 2025

This comprehensive analysis ranks the top 10 BESS manufacturers based on production capacity, global market presence, technological advancements, and notable project implementations.

## 2024 Energy Storage Battery Cell Shipment Rankings

In 2024, the global energy storage market continued its rapid growth, bolstered by policy support and increasing market demand. According to SMM statistics, global ...



## 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 ...

## Chinese battery storage system integrators move ...

China's booming domestic energy storage market has led to locally-based players becoming top 5 system integrators globally, S&P Global said.



## [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.

## Top 10 battery energy storage manufacturers in China

This article will focus on top 10 battery energy storage manufacturers in China including SUNWODA, CATL, GOTION HIGH TECH, EVE, Svolt, FEB, Long T Tech, DYNAVOLT, Guo Chuang, CORNEX.



## 1H25 global and non-China energy storage cell shipment rankings

In 1H25, the energy storage cell market outperformed conservative expectations, showing an optimistic trend. At present, China has completed its shift to new growth drivers, ...

## What next for the 5 biggest BESS integrators?

The agreement will support Wärtsilä's "strong pipeline of energy storage & optimisation orders across key markets", a company statement said. Wärtsilä currently has more than 3.5GW / 7GWh of ...

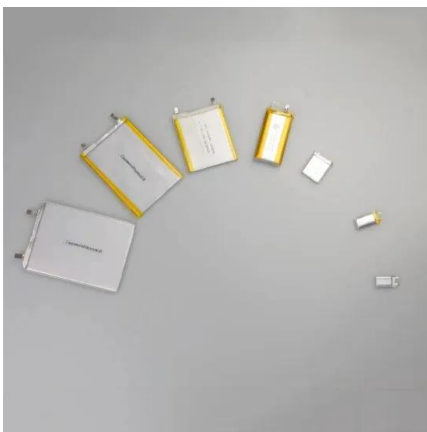
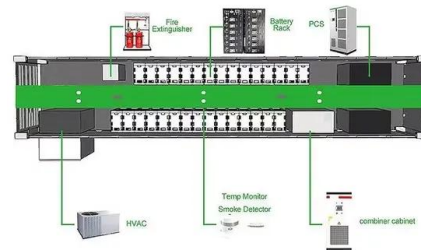


## Battery Energy Storage Systems Report

This information was prepared as an account of work sponsored by an agency of the U.S. Government. Neither the U.S. Government nor any agency thereof, nor any of their employees, ...

## The Ranking of Global Enterprises by Power Battery Installed ...

In terms of rankings, six Chinese companies led the market: CATL, BYD, CALB, EVE Energy, Gotion High-Tech, and Sunwoda, with a combined installed capacity of ...



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

The 2023 rankings by the Zhongguancun Energy Storage Industry Technology Alliance highlight China's top battery energy storage system integrators across domestic, global, user-side, and DC markets, ...

## Huawei, BYD in top 5 system integrators amidst ...

Huawei and BYD were among the five largest battery energy storage system (BESS) integrators globally last year, with the Chinese market going through a 'price war' of competition, according to ...



## Journal of Energy Storage , ScienceDirect by Elsevier

The Journal of Energy Storage focusses on all aspects of energy storage, in particular systems integration, electric grid integration, modelling and analysis, novel energy storage technologies, ...



## Tesla takes Sungrow's crown as lead global producer of battery energy

Tesla has overtaken Sungrow as lead producer in the battery energy storage system (BESS) integrator market with a 15% market share in 2023, according to Wood ...



## Tesla takes Sungrow's crown as lead global ...

Tesla has overtaken Sungrow as lead producer in the battery energy storage system (BESS) integrator market with a 15% market share in 2023, according to Wood Mackenzie's 'Global battery energy storage ...

## Top Energy Storage Enterprises in 2025: Production Rankings ...

But how do today's top players compare in production capacity and technological innovation? Let's break down the current landscape through verified production data and emerging market ...



## Battery Capacity Rankings by Country in 2023

This treemap chart uses data from Statistical Review of World Energy to show the top 10 countries with the most battery storage capacity in 2023.

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

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 ...



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