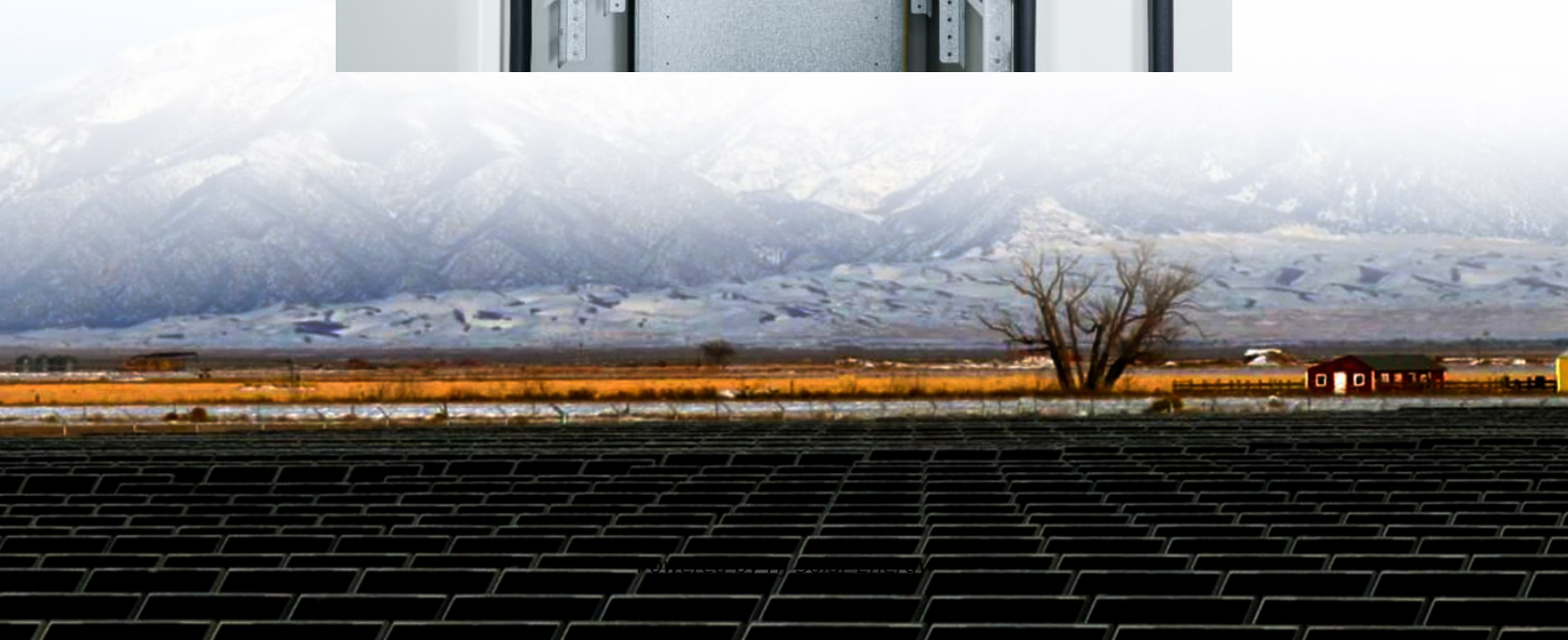


# **Energy storage battery production and sales ranking**





## Overview

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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.

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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.

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.

In 2024, the global energy storage market continued its rapid growth, bolstered by policy support and increasing market demand. According to SMM statistics, global shipments of energy storage battery cells saw significant year-on-year growth, reaching 334 GWh for the year. Among these, lithium iron.

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.

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.

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. What are the top 10 battery manufacturers in 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. Three South Korean companies—LG Energy Solution, Samsung SDI, and SK On—along with Japan's Panasonic also made the list. Part 1. Breakdown of the Top 10 Battery Shipments in 2024.

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 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 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 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.



Who makes energy storage batteries?

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 manufacturers of lithium-ion batteries globally.



## Energy storage battery production and sales ranking

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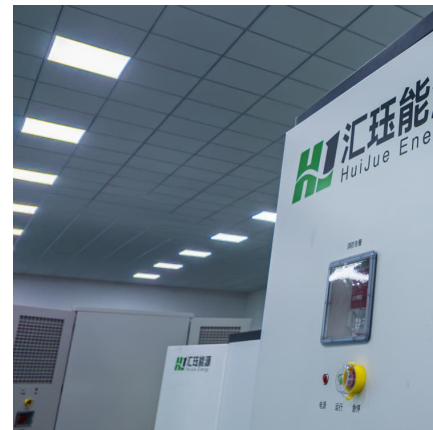


### [Chinese shipments of energy storage batteries ...](#)

Read more about how growth in Chinese shipments of batteries for energy storage systems (ESS) is exceeding growth in deliveries of batteries ...

### [Tesla takes Sungrow's crown as lead global producer ...](#)

Telsa has overtaken Sungrow as lead producer in the battery energy storage system (BESS) integrator market with a 15% market share in ...

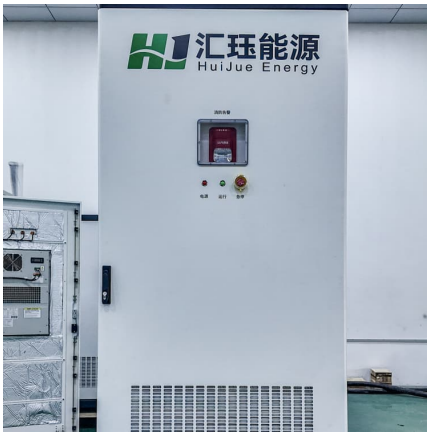


### [AESC Achieves 4th Place in 2024 Global Energy Storage](#)

AESC Ranks 4th in 2024 Global Energy Storage Shipments AESC, a Japan-based global leader in high-performance battery technology, has secured a strong foothold in the global energy ...

### [High-tech container energy storage ranking](#)

Penghui Energy is one of the largest battery suppliers in China. The largest battery supplier in Guangzhou and a leading energy storage company. Penghui Energy is a high-tech listed ...



### Ranking of energy storage battery cooperation enterprises

Production and Sales Volume: From January to December 2023, the cumulative production of power and other batteries in China reached 778.1 GWh, with a year-on-year increase of ...

### [Top 10 Lithium-Ion Battery Manufacturers In The World](#)

Lithium batteries are becoming more important as the world moves toward electrification and the need for energy storage increases. Because of this, the demand for ...



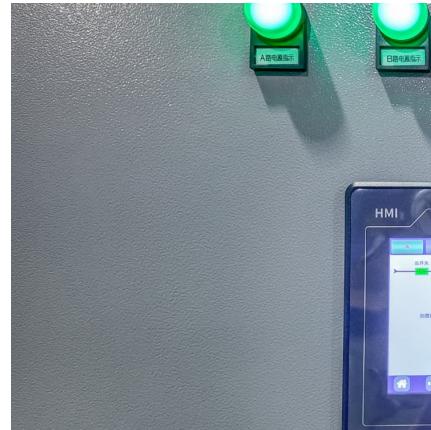
### [Top 10: EV Battery Manufacturers , EV Magazine](#)

11 ?????· EVE Energy, listed since 2009, has grown into a leading global lithium battery manufacturer through strong R& D, innovation and strategic expansion. In 2023, it launched a ...



## China Energy Transition Review 2025

China's share of patent applications globally in clean energy technologies has risen from around 5% in 2000 to around 75% in 2022 - including 90% in solar and wind, 85% in energy storage, ...



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

On November 6, SNE Research released data on global electric vehicle (EV) battery installed capacity from January to September 2024. During this period, global EV ...

## Energy Storage Battery Cluster

This report aims to provide a comprehensive presentation of the global market for Energy Storage Battery Cluster, focusing on the total sales volume, sales revenue, price, ...



## 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 ...



### [Global Energy Storage Cell Shipment Ranking 1Q-3Q24](#)

The energy storage cell market experienced robust sequential growth during the first three quarters, with shipments in Q3 rising by 16% QoQ, ...



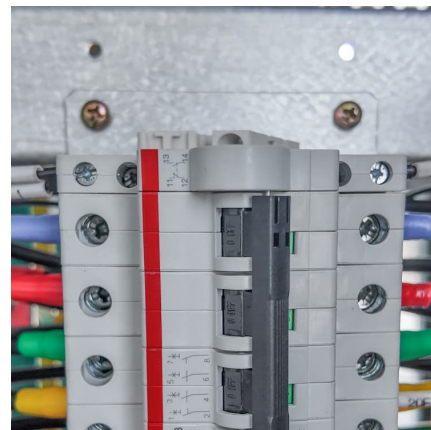
### **2024 Global and non-China shipments of energy storage cell: ...**

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 ...



### [13 Largest Battery Manufacturers In The World \[2025\]](#)

We present the largest, most influential battery manufacturers, exploring their market positions & strategies that have enabled them to dominate the industry.





### [The Ranking of Companies by EV & ES Battery ...](#)

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 ...

### [The Latest Top 10 Global Battery Shipments in 2024](#)

The global power and energy storage battery market is in the midst of a fierce battle, led by Chinese companies, and the market landscape is undergoing profound changes. The latest ...



### [Charted: Battery Capacity by Country \(2024-2030\)](#)

According to the International Energy Agency, in 2024, electric vehicle sales rose by 25% to 17 million, pushing annual battery demand past 1 ...

### [2025 energy storage battery sales ranking](#)

The battery energy storage systems industry has witnessed a higher inflow of investments in the last few years and is expected to continue this trend in the future. According to the International ...





### Global and non-China energy storage cell sales in 2024: company ranking

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 ...



### [2024 Global energy storage system \(ESS\) shipment ranking](#)

Meanwhile, global energy storage demand expanded across regions, driving companies to develop worldwide R& D, production, delivery, and operations. Despite short-term ...

### [Top 10: Energy Storage Companies , Energy Magazine](#)

It supports customers on their energy storage journey through offerings such as the Enphase Energy System which combines solar, batteries ...



### EVE 's energy storage battery shipments doubled in the first half ...

Its market share further increased. The gross profit margin of energy storage batteries reached 14.38%. According to the data, from January to June 2024, EVE's energy ...



### **CATL tops 1H23 shipments while BYD's market share rising**

The world shipped 91.6 GWh of energy storage cells in the first half of 2023 (75.7 GWh for utility-scale and C& I ESS and 15.9 GWh for residential and telecom ESS), with a ...



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