

JH Solar

Energy storage ranking 2024



Overview

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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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.

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.

In 2024, the industry concentration of energy storage battery remained high, with the CR10 reaching 90.9%, almost unchanged from the first three quarters of 2024. The top five global energy storage battery suppliers for the year were CATL, EVE Energy, BYD, Hithium, and CALB. The key market themes.

According to the Q1 2025 US Energy Storage Monitor from Wood Mackenzie Power & Renewables and the American Clean Power Association (ACP), the US energy storage market set a new record in 2024. Energy storage installations surpassed 12GW in 2024, with a total of 12,314MW and 37,143MWh deployed.

If the energy storage industry were a Formula 1 race, Tesla just overtook Sunshine Solar in a dramatic last-lap maneuver. According to Wood Mackenzie's 2024 Global Battery Energy Storage System (BESS) Integrator Report, Tesla now leads with 15% market share, dethroning 2022's champion, Sunshine.

The five largest battery energy storage system (BESS) integrators have installed over a quarter of global projects. Mainland China battery storage market has experienced drastic growth since 2022 and is . The second quarter of 2023 was the first quarter on record in which global residential. 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.

Why was 2024 a great year for Chinese energy storage companies?

Overall, 2024 was a standout year for Chinese energy storage companies, whether industry leaders like CATL or specialized players like HiTHIUM. These companies demonstrated strong global shipment performance, highlighting China's robust capabilities and global influence in the battery sector.

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.

Who makes the best energy storage cells in 2024?

In 2024, DC-side shipments showed a clear ranking. CATL and BYD remained the top two with a strong lead, followed by PotisEdge, Hithium, and RelyEZ. Notably, CATL, BYD, and the newcomer Hithium are top energy storage cell makers, increasingly expanding into system integration.

Which battery energy storage system integrators are the best in 2024?

AC side: Leading manufacturers between China and the U.S. maintain strong

positions amid competition. The top five global battery energy storage system (BESS) integrators in the AC side for 2024 were Tesla, Sungrow, CRRC Zhuzhou Institute, Fluence, and HyperStrong. Tesla and Sungrow secured the top two global positions.

How did energy storage cell shipments perform in 2024?

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.

Energy storage ranking 2024

GRADE A BATTERY

LiFePO4 battery will not burn when overcharged, over discharged, overcurrent or short circuit and can withstand high temperatures without decomposition.



2024 Global Battery Energy Storage System Integrator Rankings ...

The global battery energy storage system (BESS) integration market is experiencing a dynamic shift, with new players emerging and established companies consolidating their positions. The ...

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 ...



"Expansion of privately-owned Chinese BESS ...

China's Sungrow has usurped Fluence as the leading global BESS integrator in the 2024 rankings composed by S&P Global Commodity Insights, a testament to the rapid expansion of Chinese ...

The five largest battery energy storage system ...

Mainland China battery storage market has experienced drastic growth since 2022 and is exclusively supplied by local players, leading to

Chinese system integrators moving up on the global rankings.

Applications



Top 10: Energy Storage Companies , Energy ...

Including Tesla, GE and Enphase, this week's Top 10 runs through the leading energy storage companies around the world that are revolutionising the space Whether it be energy that powers smartphones ...

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

Global Lithium-Ion Battery Supply Chain Database 2024 Database contains the global lithium-ion battery market supply and demand analysis, focusing on the cell segment in the ESS sector. We compile ...



Tesla usurps Sungrow as lead BESS producer ...

Sungrow has lost its crown as the "lead producer" in the battery energy storage system (BESS) integrator market to Tesla, according to the Wood Mackenzie report 'Global battery energy storage system ...

Energy Storage Materials

Energy Storage Materials Impact IF 2024-2025
The Impact IF 2024 of Energy Storage Materials is 21.11, which is computed in 2025 as per its definition. Energy Storage ...



BloombergNEF Awards Sungrow as the Most Bankable Company for Energy

BloombergNEF (BNEF) has recognized Sungrow as the world's most bankable company in both the energy storage system and Power Conversion System (PCS) sectors, in ...

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 ...



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 ...



Global Energy Storage Cell Market in 2024: High ...

The top five global energy storage battery suppliers for the year were CATL, EVE Energy, BYD, Hithium, and CALB. The key market themes for the year were Stability and Shifts.

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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 ...

CNESA Global Energy Storage Market Tracking

China market: Pumped Hydro Storage share falls below 50% for the first time. Non-hydro Storage accumulative installations surpass 50GW for the first time. According to CNESA DataLink's Global Energy ...

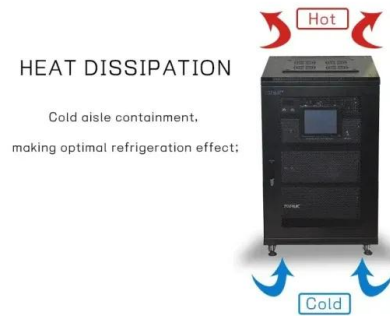


The Ranking of Companies by EV & ES Battery Installed ...

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 ...

The five largest battery energy storage system (BESS) ...

Mainland China battery storage market has experienced drastic growth since 2022 and is exclusively supplied by local players, leading to Chinese system integrators ...



Energy Storage System Vendor Ranking 2024: Who's Leading

...

According to Wood Mackenzie's 2024 Global Battery Energy Storage System (BESS) Integrator Report, Tesla now leads with 15% market share, dethroning 2022's ...

What next for the 5 biggest BESS integrators?

Fluence, Sungrow, Wärtsilä, Tesla & Hyperstrong named the world's biggest storage integrators
 ?Fluence's high safety standards and speedy deployment proving popular with customers
 ?Chinese players ...

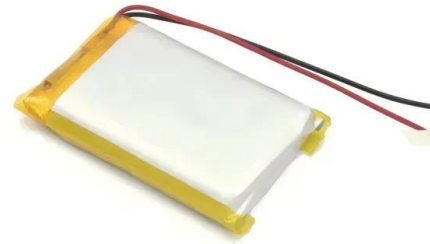


CNESA Officially Released the 2024 China Energy Storage Vendor Rankings

Figure 2: Top 5 Chinese energy storage base station/IDC technology providers in the 2024 global market, Unit: GWh Note: The shipment data of backup power batteries for ...

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.

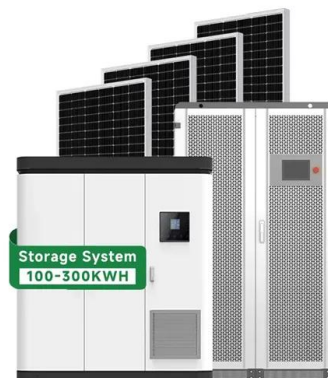


Global energy storage system shipment ranking

MUNICH, June 25, 2024 /PRNewswire/ -- EVE Energy, a leading global lithium-ion battery company, has sprinted to second place in the 1Q24 Energy-storage cell shipment ranking

Battery market: major manufacturers and main trends in 2024

InfoLink Consulting has published its report ranking the leading battery energy storage system (BESS) suppliers for 2024. BESS shipments continued to grow in 2024, reaching 240 GWh ...



Record energy investments are failing to keep the ...

Battery energy storage systems are critical to unlocking network challenges A new EY battery storage ranking highlights the US, China, and the UK as the most attractive investment markets The US, ...

HyperStrong ranked in BNEF Energy Storage Tier ...

On April 11, 2024, BloombergNEF (BNEF), a globally renowned research institute, released its Tier 1 list of energy storage manufacturers for the second quarter of 2024.



Rankings -- Industry News -- China Energy Storage Alliance

Figure 2: Top 5 Chinese energy storage base station/IDC technology providers in the 2024 global market, Unit: GWh Note: The shipment data of backup power batteries for ...

AESC Ranks Fourth in 2024 Global Energy Storage Cell ...

Yokohama, Japan - AESC, a Japan-based global leader in high-performance battery technology, ranks among the top companies in global energy storage industry, ...



2024 Global Battery Energy Storage System Integrator Rankings ...

The latest research report, "Global Battery Energy Storage System (BESS) Integrator Rankings 2024," provides a comprehensive overview of this evolving landscape, analyzing the ...

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

China's Sungrow has usurped Fluence as the leading global BESS integrator in the 2024 rankings composed by S&P Global Commodity Insights, a testament to the rapid ...

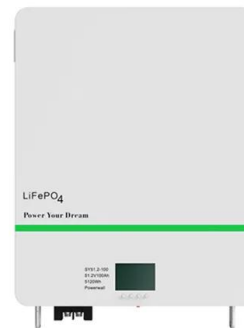


US energy storage sees 'first year of double-digit ...

Energy storage installations surpassed 12GW in 2024, with a total of 12,314MW and 37,143MWh deployed. These numbers represent increases of 33% and 34% over 2023.

Tesla remains the top global producer of battery energy storage ...

Tesla retained its top spot for the second year-in-a-row as lead producer in the battery energy storage system (BESS) integrator market with a 15% market share in 2024, ...



HyperStrong Ranked Among Top Three Global BESS Integrators ...

BEIJING, Nov. 18, 2024 /PRNewswire/ -- HyperStrong, a leading provider of energy storage solutions, has been ranked among the top three battery energy storage system (BESS) ...

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