

Battery and energy storage industry city ranking





Overview

This analysis highlights the Top 10 Companies in the Battery Energy Storage Industry – a combination of technology pioneers, energy giants, and system integrators shaping the future of global energy storage solutions.

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The Global Battery Energy Storage Market was valued at USD 15.1 Billion in 2024 and is projected to reach USD 57.8 Billion by 2032, growing at a Compound Annual Growth Rate (CAGR) of 18.3% during the forecast period (2024-2032). This explosive growth is driven by accelerating renewable energy.

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.

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.

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.

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.

Each company on this list has proven its commitment to innovation and sustainability, offering a variety of products from home energy storage batteries to large-scale solutions for commercial and industrial use. These companies are shaping the future of battery energy storage technology, making. What are the best battery energy storage companies?

When it comes to the 10 Best Battery Energy Storage Companies, industry leaders like BYD, Tesla, MANLY Battery, and CATL set the benchmark with cutting-edge technology and global market dominance.

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 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 country has the most energy storage batteries?

China, in particular, is a major player, with CATL leading globally in battery deliveries for energy storage. The country's aggressive push to build out its renewable energy capacity is supported by the large-scale implementation of energy storage lithium batteries.

What makes a good battery company?

Our ranking is based on four key criteria: 1. CATL (Contemporary Amperex Technology Co. Limited) CATL leads through vertical integration, strong LFP battery chemistry, and unmatched scale. 2. Tesla Energy Tesla's Megapack offers turnkey energy storage with advanced software integration. 3. BYD (Build Your Dreams).



Who is shaping the future of battery energy storage?

Leading companies, from BYD, MANLY Battery to Johnson Controls, are playing pivotal roles in shaping the future of battery energy storage through strategic expansions and product innovations.



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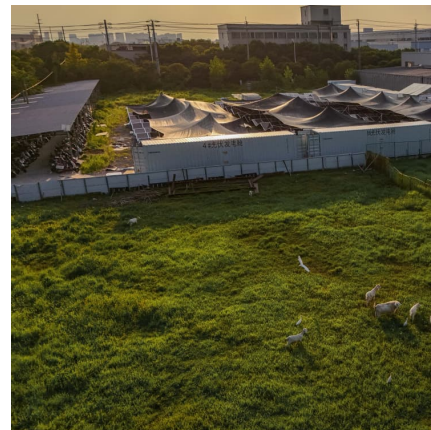


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According to incomplete statistics from CNESA DataLink Global Energy Storage Database, by the end of June 2023, the cumulative installed capacity of electrical energy storage projects ...

[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 ...



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As part of the U.S. Department of Energy's (DOE's) Energy Storage Grand Challenge (ESGC), this report summarizes published literature on the current and projected markets for the global

Battery Energy Storage Market Size, Share, Growth Report, 2032

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



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Battery Storage in the United States: An Update on Market ...

Energy storage plays a pivotal role in enabling power grids to function with more flexibility and resilience. In this report, we provide data on trends in battery storage capacity ...



THE CHINA BATTERY ENERGY STORAGE SYSTEM

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EXECUTIVE SUMMARY A Battery Energy Storage System (BESS) secures electrical energy from renewable and non-renewable sources and collects and saves it in rechargeable batteries ...



New energy storage city ranking

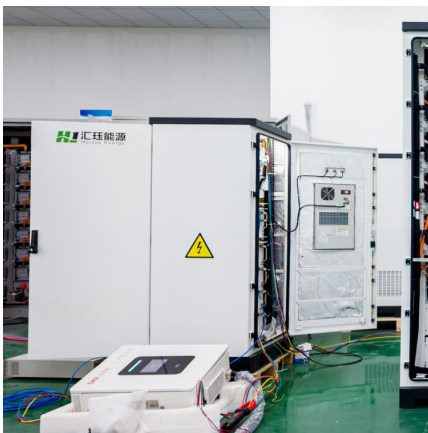
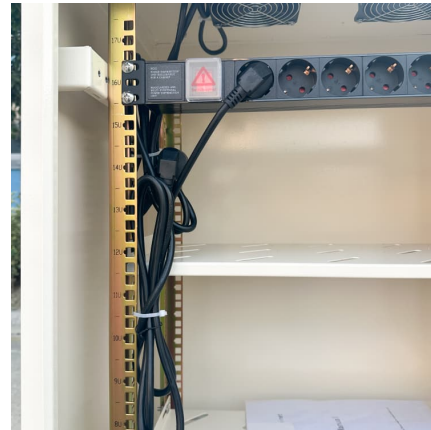
What do we expect in the energy storage industry this year? This report highlights the most noteworthy developments we expect in the energy storage industry this year. Prices: Both ...





Top 10 Companies in the Global Battery Energy Storage Market ...

As the world shifts toward sustainable power systems, battery storage has become the cornerstone of modern energy infrastructure. This analysis highlights the Top 10 ...

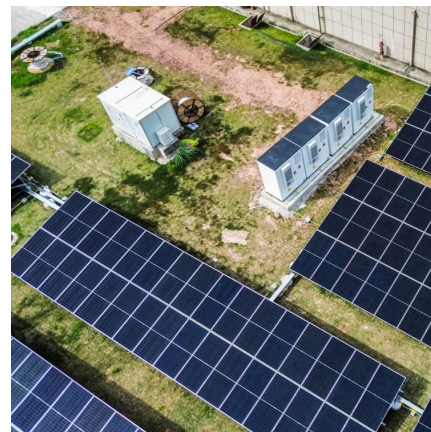


Global energy storage cell, system shipment ranking 1H24-Industry

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 ...

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The Americas region represents 21% of annual energy storage capacity on a gigawatt basis by 2030. The US is by far the largest market, led by a pipeline of large-scale projects in ...



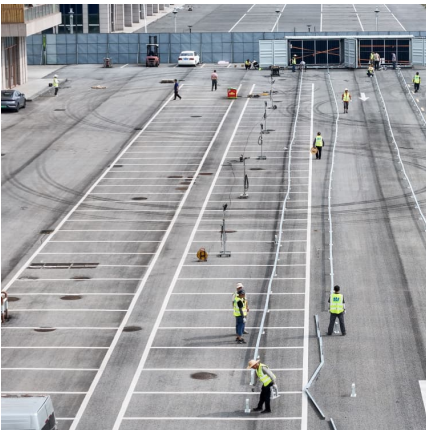
Top 10 Companies in the Global Battery Energy Storage Market ...

This analysis highlights the Top 10 Companies in the Battery Energy Storage Industry - a combination of technology pioneers, energy giants, and system integrators ...



1Q25 Global energy storage system (ESS) shipment ranking: ...

InfoLink Consulting has released its 1Q25 global energy storage system (ESS) shipment ranking, based on its energy storage supply chain database.

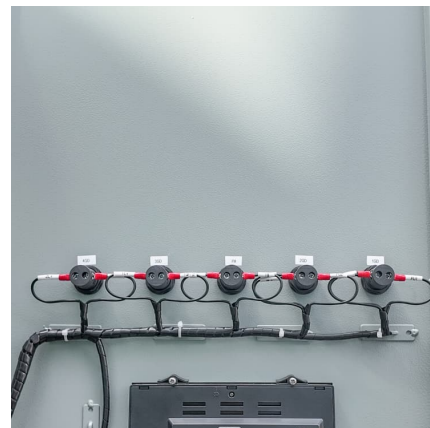


[2025 energy storage integrator shipment ranking](#)

Updated February 06,2024 The world shipped 196.7 GWh of energy-storage cells in 2023, with utility-scale and C& I energy storage projects accounting for 168.5 GWh and 28.1 ...

Energy Storage Grand Challenge Energy Storage Market ...

This report covers the following energy storage technologies: lithium-ion batteries, lead-acid batteries, pumped-storage hydropower, compressed-air energy storage, redox flow batteries, ...



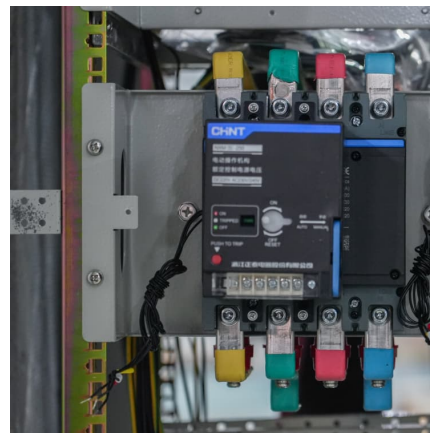


2024 Global and non-China shipments of energy storage cell: ...

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 ...

[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 ...



[Battery Energy Storage Systems Report](#)

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HyperStrong Ranked Among Top Three Global BESS Integrators ...

HyperStrong, a leading provider of energy storage solutions, has been ranked among the top three battery energy storage system (BESS) integrators in terms of global ...



[Ranking of the top cities in energy storage industry](#)

Which Chinese energy storage manufacturers are the best for 2023? In a highly anticipated release, Black Hawk PV has disclosed the top ten rankings of Chinese energy storage ...



[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 ...



[Battery Energy Storage Market Size, Share, Growth...](#)

The global battery energy storage market size is projected to be worth \$32.63 billion in 2025 & is expected to reach \$114.05 billion by 2032





1Q24 Energy-storage cell shipment ranking: CATL retained lead; ...

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 ...



[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 ...

[2025 energy storage integrator ranking](#)

Innovation and Growth: Learn about cutting-edge technologies and best practices to optimize energy storage systems and enhance performance. ? Join us in London, UK, on February 17 ...



[Battery Energy Storage System Market Size](#)

The Battery Energy Storage System (BESS) Market is expected to reach USD 76.69 billion in 2025 and grow at a CAGR of 17.56% to reach USD 172.17 billion by 2030. ...



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