

ENERGY STORAGE RANKINGS IN THE FIRST HALF OF THE YEAR



How many energy storage cells will the world ship this year? The growth of shipment volumes decelerated significantly. This year, the world may ship 210 GWh of energy storage cells, 175 GWh for utility-scale and C&I ESS, and 35 GWh for residential and telecom ESS, according to InfoLink's Global Lithium-Ion Battery Supply Chain Database.



Are China's energy storage systems the world's top 10 suppliers? While the global energy storage system shipments for the first half of 2023 amounted to 72.4 GWh, Chinese companies made a remarkable impression, with six of them ranking among the top 10 suppliers worldwide, reports SMM (via Tesla-Mag). China's total shipments came in at a dominant 47 GWh, making up 65% of the global figure.



Which energy storage system shipments surpassed 7 GWh? According to statistics from SMM, Tesla's shipments have surpassed 7 GWh, claiming the number one spot in the world. While the global energy storage system shipments for - In the fierce global race of energy storage systems, Tesla has emerged as a clear leader, securing its position as the top supplier for the first half of 2023.



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.



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 manufacturers for 2023. Leading the pack is CATL with an impressive 38.50% market share and a robust shipment volume of 50 GWh.

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How many energy storage cells were shipped in 2023? 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 merely 11% quarter-on-quarter increase in the second quarter, according to the Global Lithium-Ion Battery Supply Chain Database recently released by InfoLink.



Without that IPO being included, the first half of last year's figure of US\$5.1 billion puts this year's activity so far in a more favourable light. Still, 2022 was a breakout year for the sector's corporate funding activity, with an all-time ???



The second quarter of 2023 was the first quarter on record in which global residential energy storage shipments have declined year on year, down by 2%, according to S&P Global Commodity Insights.



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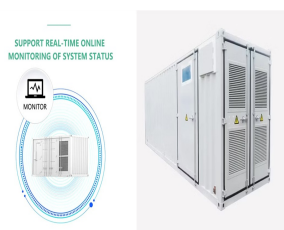
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In the first half, new energy storage systems achieved an average usage of 459 hours and approximately 109 equivalent charge-discharge cycles, marking increases of about 44 percent and 37 percent, respectively, ???



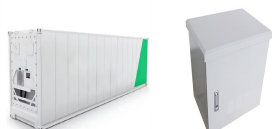
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In the first half of the year, the capacity of domestic energy storage system which completed procurement process was nearly 34GWh, and the average bid price decreased by 14% compared with last year. In the first ???



As the grid-connection procedure gradually improved, the market added 12.1 GWh of utility-scale energy storage capacity in the first half of 2024, up 188%. Project approval progress and interest rate reduction should be ???

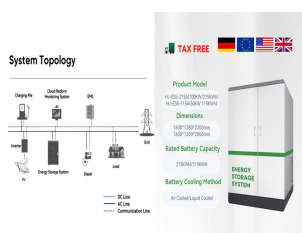


In the first three quarters, the average bid price for domestic non-hydro energy storage systems (0.5C lithium iron phosphate systems) was 622.90 RMB/kWh, a year-on-year decline of 50%. While bid prices remained relatively ???

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The energy storage market in Italy doubled in capacity in the first half of the year, though Q2 saw the first slowdown in nine quarters and that could be repeated in H2, according to the country's renewable energy trade body.



Industry concentration remained high in the first three quarters of 2024, with a CR10 of 90.7%, staying at historically elevated levels, consistent with the first half. The top five largest energy ???



In the first half of the year, the energy storage cell sector initially experienced a cool market sentiment, and then started growing steadily, up by 33.6% YoY. The top five largest energy storage cell manufacturers in the first ???



Energy storage cell shipments reached 202.3 GWh in the first three quarters of 2024, a 42.8% year-on-year increase. Utility-scale storage drove growth, accounting for 180 GWh, a 49.4% rise. H1 2024 installation figures ???