



# Expected ROI of residential ESS project in China 2025

What is Europe's ESS market like in 2022?

Europe's ESS market is characterized by significant growth, propelled by ambitious renewable energy targets and technological innovation. In 2022, the region added 1.9 GW of battery storage capacity, with expectations to reach 3.7 GW in 2023.

What is the global residential ESS market?

The global residential ESS market is further segmented based on geography, including North America (the US and Canada), Europe (Italy, Spain, Germany, France, and others), Asia-Pacific (India, China, Japan, South Korea, and others), and the Rest of the World (the Middle East & Africa and Latin America).

What are the trends in the ESS market?

The ESS market is witnessing several notable trends. Battery storage systems have seen rapid cost reductions and efficiency improvements, making them more accessible for both residential and commercial use. For instance, in Australia, one in five new solar panel owners now installs a battery, a significant rise from one in twenty in 2021.

What is the market share of energy storage batteries in 2023?

CATL: In 2023, CATL held approximately 40% of the global market share in energy storage batteries. The Energy Storage Systems (ESS) market is experiencing significant technological advancements, enhancing efficiency, capacity, and integration capabilities. One notable development is the rapid expansion of battery storage capacity.

What are the key factors driving the global solar ESS market?

Therefore, the large-scale adoption of solar panels across the region is a key factor driving the regional market. The major companies serving the global residential ESS market include Tesla Inc., Panasonic Holdings Corp., Sonnen GmbH, VARTA AG, and Enphase Energy Inc. among others.

Will the Investment Market increase in 2025?

Nevertheless, we expect the overall transaction volume in the investment market to slightly increase in 2025, benefiting from further eased liquidity and some improvement in market confidence. Medium- to long-term issues with regards to market fundamentals and the rising challenges of trade protectionism remain to be addressed.



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