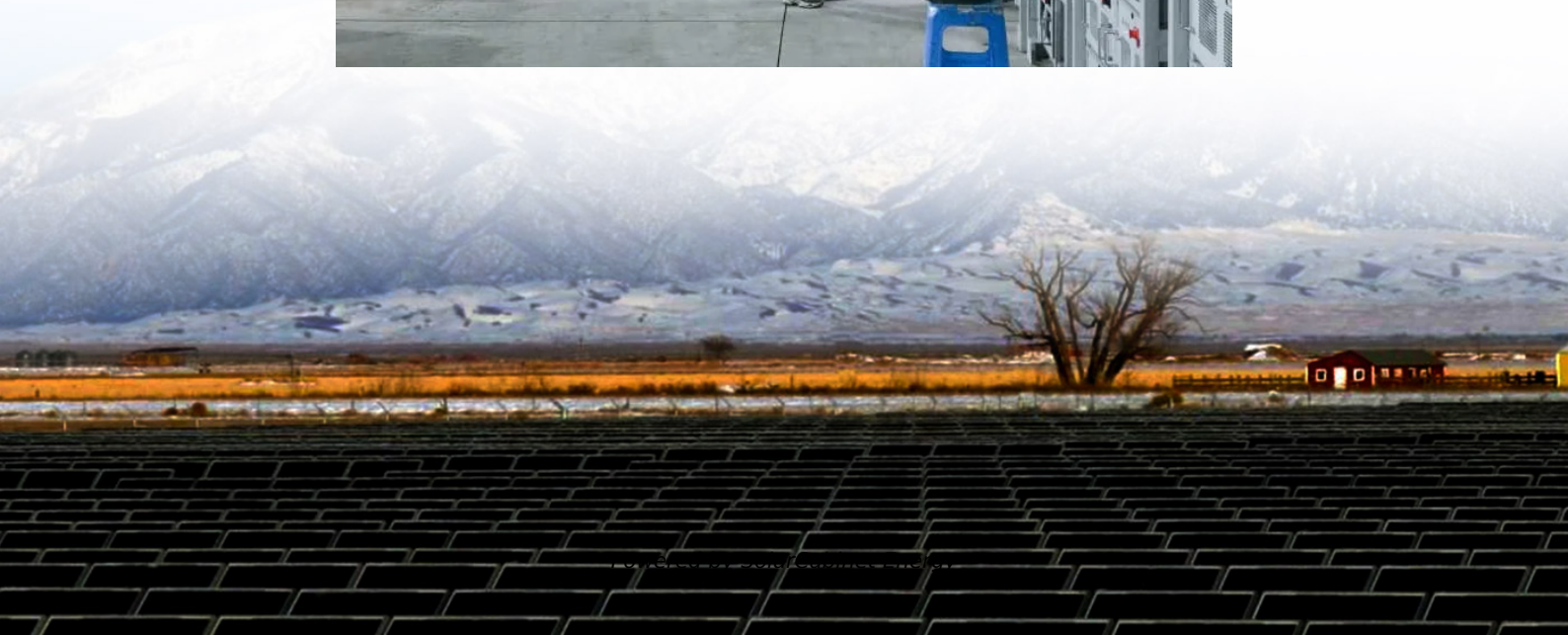


Japan s energy storage system industry





Overview

Japan's energy storage sector is expanding, though growth remains uneven across segments. The overall market is expected to grow 11% annually, from USD 793.8 million in 2024 to USD 2.5 billion by 2035. Residential adoption is moving faster. How is Japan's energy storage landscape changing?

Japan's energy storage landscape is shifting, pushed by household demand, corporate ESG mandates, and domestic battery manufacturing. The residential lithium-ion market, projected to grow at a CAGR of 33.9% through 2030, remains one of the fastest-expanding segments.

What is Japan's energy storage policy?

As policy, technology, and decarbonization goals converge, Japan is positioning energy storage as a critical link between its climate targets and energy reliability. Japan's energy storage policy is anchored by the Ministry of Economy, Trade and Industry (METI), which outlined its ambitions in the 6th Strategic Energy Plan, adopted in 2021.

Why should Japan invest in storage batteries?

Energy Security: Storage batteries are key to stabilizing Japan's energy system. Given Japan's limited natural resources and dependence on imports, combined with its vulnerability to natural disasters, investing in reliable and sustainable energy solutions is critical.

What is Japan's storage battery industry strategy?

The "Storage Battery Industry Strategy" document from METI sets out three key targets: **Boost Domestic Manufacturing:** Japan aims to ramp up its domestic production of automotive storage batteries to 100 GWh by 2030, with a long-term goal of reaching 150 GWh annually. This move highlights the potential for foreign companies to invest in Japan.

How big is Japan's battery storage market?



In the commercial space, Japan's battery storage market was valued at USD 593.2 million in 2023 and is projected to reach USD 4.15 billion by 2030. While commercial installations currently dominate revenues, industrial adoption is expected to scale faster. Utility-scale storage is also gaining ground.

How much will Japan's energy storage system cost in 2023?

The \$593 million worth of commercial energy storage systems recorded in Japan in 2023 could balloon to \$4.15 billion by 2030, InfoLink reckons, with "industrial adoption. expected to scale faster," according to the data company.



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[Japan's Energy Transition: The Interplay of Renewables, ...](#)

The international market conditions and domestic policy shifts highlight the necessity for Japan to maintain a flexible and responsive energy strategy to balance its immediate energy security ...

[Report: Energy Storage Landscape in Japan , EU-Japan](#)

The aim of this report is to provide an overview of the energy storage market in Japan, address market's characteristics, key success factors as well as challenges and opportunities in this ...



[Japan APAC Battery Energy Storage System Market Size, Share ...](#)

Japan's commitment to renewable energy has significantly influenced the Japan APAC Battery Energy Storage System Market Industry. The Japanese government has set ambitious targets ...

[Japan Energy Storage System Market \(2025-2031\) , Trends, ...](#)

With a strong emphasis on sustainability and energy security, Japan is positioned to be a key player in the global energy storage system



market, offering ample opportunities for industry ...

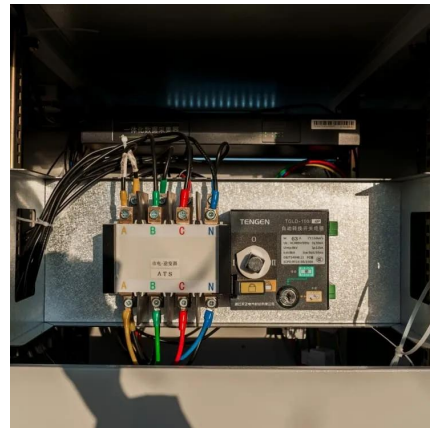


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Japan energy storage systems market size reached 15.1 GW in 2024. Looking forward, IMARC Group expects the market to reach 29.4 GW by 2033, exhibiting a growth rate ...

[Japan Energy Storage Market Size, Growth, Trends, Report 2035](#)

Japan's energy storage market offers a plethora of potential, especially in the residential and commercial sectors. New opportunities for incorporating energy storage technologies are ...



[Transforming Energy Storage Into Core Infrastructure: New Storage](#)

The large-scale energy storage facility "EV Battery Station Chitose" in Hokkaido, began operations in 2023. This facility aims to stabilize the electric grid in Hokkaido and is ...





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