

# **How much does Japan s Sunshine Energy Storage Power Supply cost**





## Overview

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The research firm found the system costs excluding taxes to have increased 26.5% from 49,000 yen/kWh in FY2022 to 62,000 yen/kWh in FY2023. Will Japanese energy storage projects have a merchant component?

Future large-scale projects that have a merchant component are set to increase as sophisticated players from more mature power markets such as Australia, UK and US enter the Japanese energy storage market.

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.

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.

How will Japan use solar energy?

In the next few decades, Japan will mainly use solar energy Electricity from power generation facilities and wind power facilities. And it expects oil and LNG prices to fall as a result.



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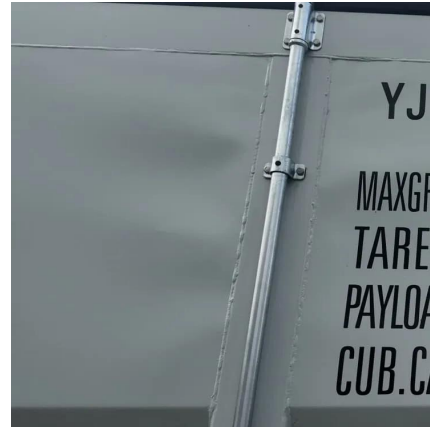
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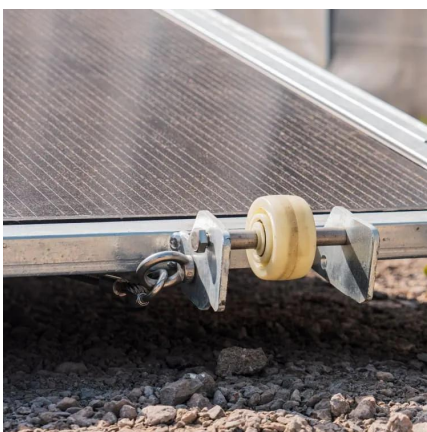


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1. Typical ...

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