

# Price of 30 kW solar panels in Japan





## Overview

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How much do solar panels cost in Japan?

The government encourages new detached houses to install solar panels, and subsidies greatly help reduce the costs of installing solar panels. Currently, the average price for a solar panel in Japan ranges from 200,000 to 400,000 yen per kilowatt (kW). Are there subsidies for installing solar panels in Japan?

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How many kW is a solar panel in Japan?

5kW is the national average for installing solar panels in a home in Japan. The amount varies depending on the region and the property's roof size. The maximum for a household is 10kW. Do I need a storage battery with solar panels?

While not necessary, storage batteries are highly recommended.

How long do solar panels last in Japan?

Long-Term Investment: Though the initial costs can be high, solar panels typically pay for themselves within 7-10 years due to savings on energy bills. The combination of advanced technology, strong government support, and the commitment of Japanese manufacturers ensures that the country remains at the forefront of the solar energy industry.

Why are solar PV system prices expensive in Japan?

To find out the reasons why solar PV system prices are expensive in Japan, this report examined two types of costs, PV module costs and construction costs, which are major factors of the price disparity. However, there remain issues that have not been thoroughly examined. These issues are indicated in the following.



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[Japan: residential PV system cost per watt. Statista](#)

Jul 10, 2025 · In 2021, the price for a residential photovoltaic system in Japan amounted to \*\*\* Japanese yen per watt.

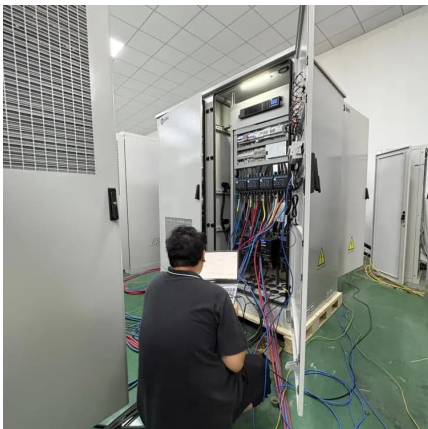
[Solar Panel Costs in Japan-News](#)

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[Comparing Prices and Costs of Solar PV in Japan and ...](#)

Nov 28, 2017 · Renewable Energy Institute, Comparing Prices and Costs of Solar PV in Japan and Germany - The Reasons Why Solar PV is more Expensive in Japan - (Tokyo: REI, 2016), ...



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