

Solar cell system installation in Japan





Overview

The Japanese government is seeking to expand solar power by enacting subsidies and a (FIT). In December 2008, the announced a goal of 70% of new homes having solar power installed, and would be spending \$145 million in the first quarter of 2009 to encourage home solar power. The government enacted a feed-in tariff in November 2009 that requires utilities to purchase excess solar power sent to the grid by homes.

How many solar installers are there in Japan?

Japanese solar panel installers – showing companies in Japan that undertake solar panel installation, including rooftop and standalone solar systems. 2,061 installers based in Japan are listed below. .

How to install solar panels in Japan?

Installing solar panels requires technical knowledge, safety precautions, and proper permits. Hiring a professional ensures the system is installed correctly and meets all regulations. There are various loan programs and financing methods available for installing solar panels in Japan.

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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Are solar panels required in Tokyo?

All new detached houses in Tokyo after April 2025 are required to have solar panels installed. However, if you are purchasing a property in a different part of Japan, it's possible that solar panels may not be mandated in the region.

Can solar energy be used in Japan?



To maximize the use of solar energy and overcome those drawbacks, two promising technologies have been developed: space-based solar power (SBSP) and next-generation flexible solar cells. Japan is making steady progress toward the practical implementation of both.

Can you get a loan to install solar panels in Japan?

There are various loan programs and financing methods available for installing solar panels in Japan. Many banks and financial institutions offer loans specifically for solar energy projects, allowing individuals and businesses to spread the cost of installation over several years.



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Solar power in Japan

OverviewGovernment actionSolar manufacturing industrySee alsoExternal links

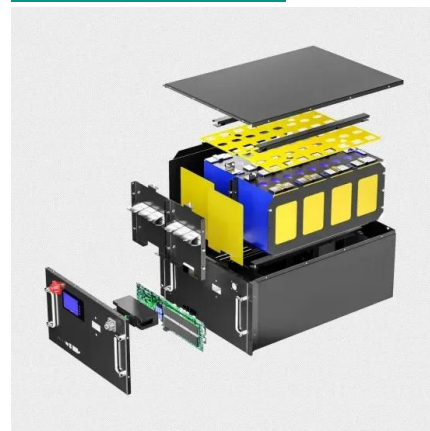
The Japanese government is seeking to expand solar power by enacting subsidies and a feed-in tariff (FIT). In December 2008, the Ministry of Economy, Trade and Industry announced a goal of 70% of new homes having solar power installed, and would be spending \$145 million in the first quarter of 2009 to encourage home solar power. The government enacted a feed-in tariff in November 2009 that requires utilities to purchase excess solar power sent to the grid by homes ...

[Analysis of Solar Power Generation Costs in Japan 2021](#)

The findings of the study generally reconfirm the findings of the 2019 report; with the decline in costs for solar PV modules, mounting systems, and installation costs, ...

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[The Japanese Solar PV Market and Industry](#)

The growth in the residential sector has been particularly due to a broader dissemination among newly constructed detached houses. In order to differentiate themselves many homebuilders ...

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[Tokyo Becomes the First in Japan to Mandate](#)



[Solar ...](#)

While the financial benefits of solar panel installation are projected to materialize over time, homeowners should also account for regular maintenance, ...

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[Floating solar panels \(floatovoltaics\): what to know](#)

Kyocera, a famous Japanese solar panel manufacturer, developed Japan's largest floating solar installation. The system takes up more than 44 acres of space and generates ...

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The annual global PV installed capacity in 2024 is expected to ...

Consequently, Japan's annual PV installed capacity in 2024 is expected to fall to the 5 GWDC level, the lowest since 2013. In the industry, PPA projects independent of the FIT ...

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[Analysis of Solar Power Generation Costs in Japan 2021](#)

As shown above, overloading is the standard practice regardless of the plant's size, and solar PV module, mounting system, installation, and other costs are closely proportional to solar PV ...

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Tokyo's new solar panel mandate: 'Can Japan avoid Germany's solar

This article covers considerations on Tokyo's new solar panel installation mandate, current energy generation challenges and examples from Germany's initiatives.

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[About Perovskite Solar Cells - Perovskite site](#)

Utilizing Japanese technology and materials, efforts are combined in establishing mass production technology, creating demand, and setting up a production system. The Japanese government ...

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[Guest Post: Solar Panels in Japan in 2023](#)

In this article, I would like to share the process I underwent from contacting solar generation system providers to concluding a contract, as well as the numbers related to it from ...

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Japan's Long-Planned Photovoltaics: Space-Based Solar Power ...

To maximize the use of solar energy and overcome those drawbacks, two promising technologies have been developed: space-based solar power (SBSP) and next-generation flexible solar ...

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As a leading solar installation company in Japan, we specialize in designing and implementing customized solar projects for residential, commercial, and industrial clients. Our team of highly ...

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Sekisui Chemical launches pilot perovskite PV projects in Japan

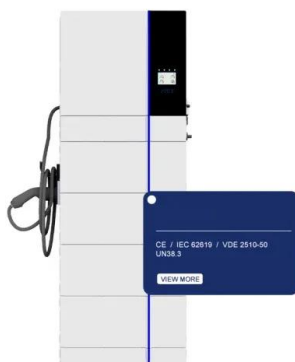
In late November, Japan's Ministry of Economy, Trade and Industry (METI) said that it plans to deploy around 20 GW of new PV systems based on perovskite solar cell technology ...

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Top 10 Solar Companies in Japan 2025

Discover the top 10 solar companies leading Japan's renewable energy market in 2025. Explore global giants, innovative technologies, and why Grace Solar ranks #1 for mounting systems.

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Solar Panel Installation For Your Japanese House: A Guide

Learn everything you need to know about getting your own solar panel system in Japan with our easy-to-understand guide. Get ahead on the 2025 Tokyo mandate.

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Tokyo's new solar panel mandate: 'Can Japan avoid Germany's ...

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Understanding Solar Panels Costs in Japan: A Complete Guide ...

The installation process of solar panels in Japan typically involves several steps: assessing the home or business's energy needs, designing the system, obtaining permits, and ...

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