

# Why Japan doesn't install photovoltaic panels



## Overview

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Geographical constraints have significantly impacted solar energy deployment, as Japan's mountainous terrain restricts the availability of flat land suitable for solar panel installation. Furthermore, regulatory challenges hinder the streamlined. Technological limitations. The new regulation will require large house builders—those undertaking projects. Plug-in PV systems, however, allow residents of rental housing and multi-family dwellings—those without rooftop rights—to generate their own solar power without complicated procedures. As such, they are gaining attention as a new means for wider citizen participation in the energy transition. This. Japan's first local regulation requiring solar panel installations on new single-family homes took effect on April 1 in Tokyo and Kawasaki in Kanagawa Prefecture. The regulation - passed by the Japanese capital's local assembly on Thursday - requires 50 major construction firms to equip homes of up to 2,000 square metres with renewable energy power sources.

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Currently, Japan lacks an established recycling infrastructure for solar panels, resulting in most waste panels being disposed of as industrial waste. The problem is expected to intensify, with ...

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A new system requiring the installation of solar panels on newly built homes in Tokyo took effect on April 1st. Tokyo has implemented an ordinance mandating the installation of solar panels on newly ...



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In a landmark move, Tokyo has announced a new regulation requiring solar panels on new buildings, set to take effect in April 2025. This directive is a key part of the city's comprehensive ...



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Despite growing international recognition of plug-in PV as a tool to accelerate citizen participation in the energy transition, Japan's current regulatory framework does not accommodate ...



### [Japan may end support for major solar-power projects](#)

Japan's government is considering ending support for new major solar-power generation projects from fiscal 2027. This comes amid growing concerns about the impact such plants have on ...



### [Tokyo's new solar panel mandate: 'Can Japan avoid Germany's](#)

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



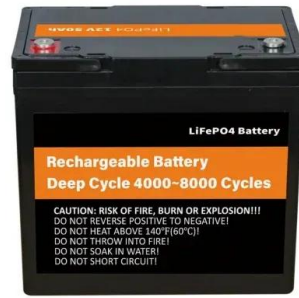
### [Tokyo, Kawasaki require solar panels on newly built homes](#)

The government has set an ambitious target to have solar panels installed on 60 percent of new single-family homes by 2030. However, it refrained from implementing an immediate ...



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Japanese policymakers are now looking at rooftop solar panels as land is scarce in the country and agrivoltaics, building-integrated PV (BIPV), and floating solar are still in their infancy



[Global Solar Council , 'No time to waste': Tokyo makes solar panels](#)

Nearly all houses in Tokyo will have to install solar panels after April 2025. The regulation - passed by the Japanese capital's local assembly on Thursday - requires 50 major construction ...

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WHY IS SOLAR ENERGY NOT MORE WIDELY USED IN JAPAN? The limited adoption of solar energy in Japan hinges on several factors, including geographical constraints, regulatory ...



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