

Photovoltaic modules exported to ASEAN





Overview

How can Chinese photovoltaic products be exported to south and Southeast Asian countries?

Strengthening international governance and cooperation is crucial for promoting the export of Chinese photovoltaic products to South and Southeast Asian countries. By improving governance levels and transparency, and establishing a stable and predictable trade environment, countries can jointly promote the development of the green economy.

Do Green trade barriers affect China's photovoltaic exports to ASEAN countries?

Countries with higher REC percentages typically invest more in renewable technologies, including massive demands for photovoltaic systems, to meet their energy needs. This paper examines the impact of green trade barriers on the export volume of China's photovoltaic products to ASEAN countries from 2010 to 2021.

Why is PV module manufacturing under pressure in Southeast Asia?

Despite strong ambitions, PV module manufacturing in Southeast Asian is currently under pressure. Operational capacities have been significantly reduced or temporarily halted, primarily due to U.S. import tariffs. Once a strategic workaround for Chinese manufacturers aiming to access Western markets, Southeast Asia now faces growing constraints.

Does TBT promote the export of Chinese photovoltaic products?

Following the exclusion of 2021, the model's R-squared was 0.066, closely aligning with the benchmark regression results, further validating TBT's role in promoting the export of Chinese photovoltaic products.

Can energy storage technologies be a policy framework for ASEAN?

A detailed study on policy aspects and status of energy storage technologies



in the context of ASEAN can be future work. Foreseeing the massive RE growth and adoption of electric vehicles, a robust policy framework for energy storage facilities is anticipated in the near future.



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The Vulnerability of ASEAN's Solar PV Trade - ACI Perspectives

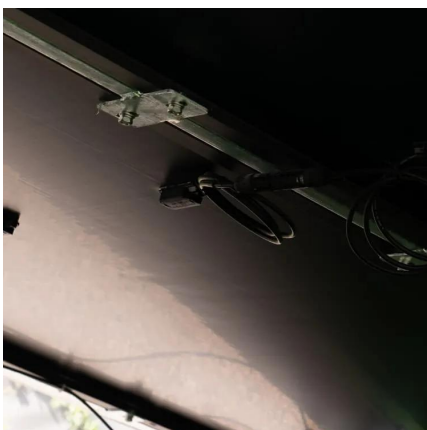
The rising adoption of solar PV technology drives the global trade of relevant products. While China remains the dominant player, ASEAN has emerged as a major exporter ...

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[Renewable Energy Manufacturing Potential in Southeast Asia](#)

Most of the production is concentrated in Lao, Malaysia, Vietnam, Cambodia, and Thailand. Moreover, according to the International Energy Agency, one-third of global PV ...

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(PDF) The impact of green trade barriers on China's photovoltaic

In the context of the global push towards a green economy, this research investigates the impact of green trade barriers on the export trade volume of Chinese ...

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A decade of solar PV deployment in ASEAN: Policy landscape ...

There are certain roadblocks in the progress of solar PV deployment in ASEAN. This paper aims



to investigate the solar PV policies in the ASEAN region over the past decade.

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[Cover Story: US tariffs shine spotlight on Malaysian ...](#)

Having said that, despite US tariffs being imposed on Malaysia from 2018 to 2022, the Malaysian PV industry, along with that of its three Asean ...

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China's solar PV module exports reach 21 GW in April; only ...

InfoLink's customs data shows that China exported about 21.39 GW of PV modules in April 2025, down nearly 9% MoM but up 2% YoY from 20.93 GW. As of the end of ...

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[India's Solar PV Exports Soar 23-Fold Amid Strong ...](#)

In a significant milestone for India's renewable energy sector, solar photovoltaic (PV) module exports have surged over 23-fold from Fiscal Year ...

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[Chinese Solar Module Exports Declined 12 Percent MoM In ...](#)

The global export volume of Chinese solar PV modules in November 2024 at 15.2 GW represents a 12% month-on-month (MoM) and a 14% year-on-year (YoY) decrease, ac

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Indonesia Bets on Solar Manufacturing Amid US-China Trade Row

Indonesia is attracting significant investment in its solar manufacturing industry due to US tariffs on Chinese and other Southeast Asian solar products.

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Renewable Energy Manufacturing

This report, by the Asian Development Bank, Bloomberg Philanthropies, ClimateWorks Foundation and Sustainable Energy for All, presents an assessment of the potential of ...

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[What next for Southeast Asia's China-backed solar ...](#)

Southeast Asia's solar exports have primarily targeted the US, with more than 80% of the equipment it imported in the first half of 2024 sourced ...

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[Southeast Asia has become a key market for China's ...](#)

In the early stage, we mainly focused on power engineering and equipment supporting projects, effectively driving our own construction ...

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[Europe received 43% of Chinese PV exports in Jan ...](#)

Europe imported around 33GW of solar PV modules from China in the first four months of 2024, representing 43% of total Chinese exports.

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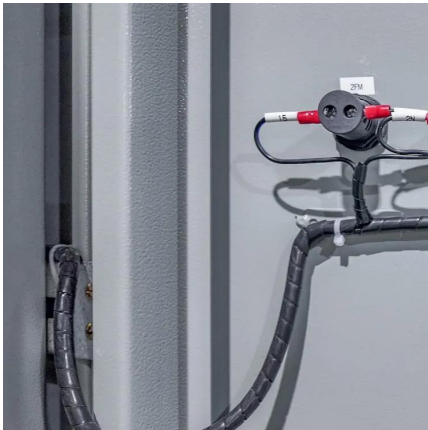


[U.S. trade uncertainty presents domestic opportunities ...](#)

Recent United States (U.S.) tariffs on Southeast Asian solar panels are likely to adversely impact most solar photovoltaic (PV) exports from ...

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Sinovoltaics Southeast Asia SEA Solar Energy Supply Chain Map

Despite strong ambitions, PV module manufacturing in Southeast Asian is currently under pressure. Operational capacities have been significantly reduced or temporarily halted, ...

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The impact of green trade barriers on China's photovoltaic ...

In the context of the global push towards a green economy, this research investigates the impact of green trade barriers on the export trade volume of Chinese ...

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Renewable Energy Manufacturing

Southeast Asia already is well-positioned to meet the demand for manufactured inputs into these sectors, as it already produces 9%-10% of the world's solar photovoltaic (PV) cells and ...

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[What next for Southeast Asia's China-backed solar boom?](#)

Southeast Asia's solar exports have primarily targeted the US, with more than 80% of the equipment it imported in the first half of 2024 sourced from Malaysia, Vietnam, Thailand ...

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[The impact of green trade barriers on China's ...](#)

In the context of the global push towards a green economy, this research investigates the impact of green trade barriers on the export trade ...

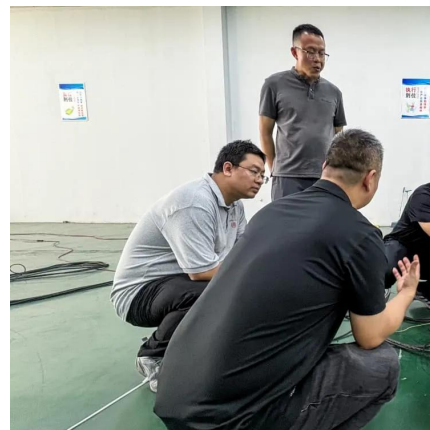
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[New record-high US solar tariffs leave uneven impact ...](#)

Asean workers affected amid global oversupply
Amid the decline in solar PV cells exports to the US by Cambodia, Malaysia, Thailand and ...

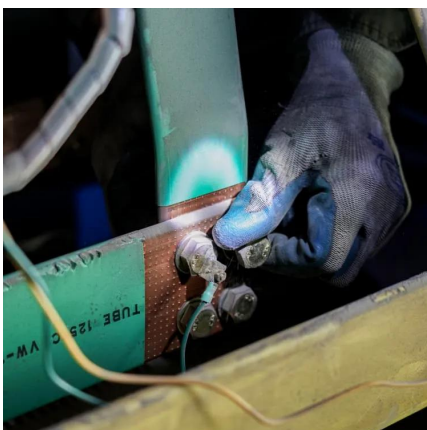
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Southeast Asia has become a key market for China's PV export

In the early stage, we mainly focused on power engineering and equipment supporting projects, effectively driving our own construction capacity consumption and ...

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[Chinese PV Industry Brief: Solar module exports hit ...](#)

China's solar module exports fell to 16.53 GW in September, down 12% from August and 16% year on year, according to PV InfoLink. Third ...

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[Renewable Energy Manufacturing Potential in Southeast Asia](#)

Most of the production is concentrated in Lao, Malaysia, Vietnam, Cambodia, and Thailand. Moreover, according to the International Energy Agency, one-third of global PV ...

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[ASEAN's growing potential in the global solar race](#)

With increasing energy demand across the region, ASEAN countries are looking at solar energy as a viable alternative.

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Final AD/CVD rulings on Southeast Asia raise U.S. PV policy risks

On April 21, 2025 (U.S. Eastern Time), the U.S. Department of Commerce (DOC) issued its final determinations in the Antidumping Duty (AD) and Countervailing Duty (CVD) investigations on ...

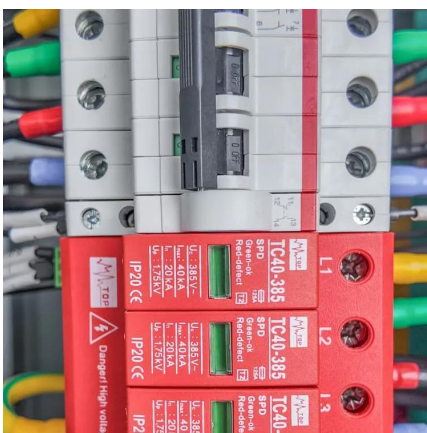
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US Announces Fresh Round of Duties on Solar Imports From ...

The U.S. government has announced a new tranche of tariffs on solar panel imports from four Southeast Asian nations, in response to complaints from U.S. manufacturers that ...

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China's PV module exports in July: rebound in Europe alongside ...

4 days ago· InfoLink's customs data shows that China exported 21.25 GW of modules in July 2025, down 2% MoM but up 8% YoY from 19.62 GW. China's total module exports from ...

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