

Southeast Asian solar panel exports





Overview

Where do Southeast Asia's Solar Exports come from?

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 and Cambodia, according to BloombergNEF. But this successful run is now under threat.

Why is Southeast Asia a top exporter of solar power equipment?

In little over a decade, Southeast Asia has become one of the world's top exporters of solar power equipment – a success driven significantly by the relocation of Chinese manufacturers to the region. But now, the sector faces considerable challenges as US tariffs cut off their main export market, intensifying pressure on a previously booming trade.

What is the Southeast Asia Solar supply chain map?

This edition of the Southeast Asia Solar Supply Chain Map provides a detailed snapshot of current realities and future ambitions, as the region navigates complex trade, investment, and production challenges.

Why are Chinese solar companies moving to Southeast Asia?

Ever since finding themselves in the crosshairs of US import tariffs in 2012, Chinese solar manufacturers began shifting their production to Southeast Asia to circumvent trade barriers. More recently, overcapacity and brutal price wars in China's domestic market have accelerated these international relocations.

Does Malaysia export solar panels?

Most of these solar panels are manufactured for export to the US, with Malaysia's installed solar capacity at only 4.2GW. From January to September 2024, Malaysia, which is a major hub for solar panel manufacturing in Southeast Asia, exported nearly US\$1.8 billion (S\$2.4 billion) worth of solar panels.



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Which countries export solar panels to the US?

US remained the leading spot globally for the country for the export of solar panels. Cambodia is another country from Southeast Asia that is among the leaders in exporting solar panels to the US. Besides the tax holidays it enjoys, it cleantech firms have also considered investing specifically to the US.



Southeast Asian solar panel exports



U.S. trade uncertainty presents domestic opportunities for Southeast

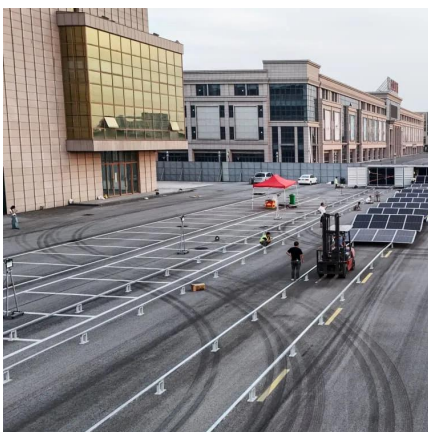
Recent United States (U.S.) tariffs on Southeast Asian solar panels are likely to adversely impact most solar photovoltaic (PV) exports from Malaysia, Thailand, Vietnam, and ...

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[Top 5 Solar Module Exporting Countries To The US](#)

Several Southeast Asian countries and firms from this region have now emerged as the major exporters of solar panels to the US.

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Chinese solar panel makers close plants, scale back production in

From January to September 2024, Malaysia, which is a major hub for solar panel manufacturing in South-east Asia, exported nearly US\$1.8 billion (S\$2.4 billion) worth of solar panels.

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[Indonesia and Laos solar exports surge to U.S. as ...](#)

Solar panel manufacturers in Indonesia and Laos - many of which are owned by Chinese



companies - have been rapidly gaining market share ...

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[US imposes tariffs up to 3,521% on Southeast Asian ...](#)

The United States has announced plans to impose tariffs of up to 3,521% on solar panel imports from Cambodia, Thailand, Malaysia, and Vietnam, as reported by

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[Southeast Asia Emerges As The Biggest Solar PV ...](#)

Data suggest that after a dip of solar modules to US from China, several Southeast Asian countries emerged as the biggest exporters to the US.

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New US solar tariffs on Southeast Asia to raise prices, cut profit

A new round of U.S. solar panel import tariffs on Southeast Asian producers is expected to raise consumer prices and cut into producer profit margins, but was largely ...

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[US finalizes tariffs on Southeast Asian solar imports](#)

April 21 (Reuters) - U.S. trade officials finalized steep tariff levels on most solar cells from Southeast Asia, a key step toward wrapping up a year-old trade ...

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[Indian solar PV exports surging , IEEFA](#)

With the expiration of the Free Trade Agreement and an ongoing antidumping and countervailing duty investigation, India can potentially ...

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[Southeast Solar Industry Hit Hard By U.S. Tariffs In 2025](#)

According to Al Jazeera, solar exports from the region--accounting for roughly 80 percent of U.S. solar imports--have been a critical part of the global renewable supply chain. ...

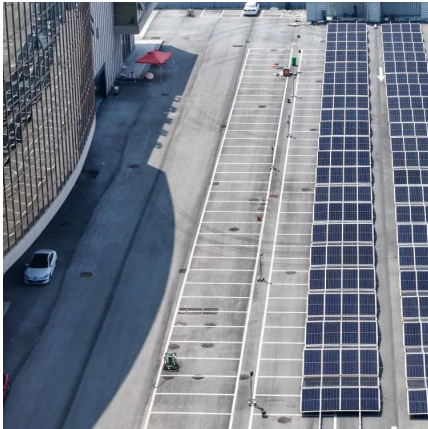
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Southeast Asia Emerges As The Biggest Solar PV Exporters To US

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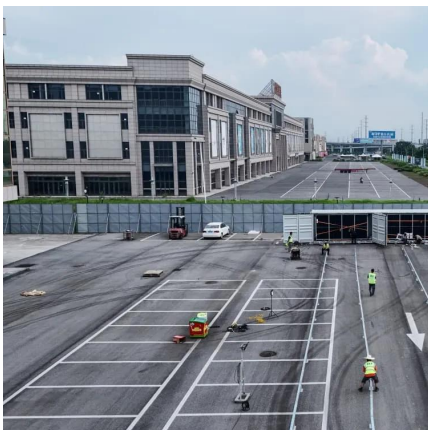
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What next for Southeast Asia's China-backed solar boom?

The arrival of factories backed by Chinese solar heavyweights such as Trina, Longi, JA Solar and Jinko Solar, among nearly 20 other competitors, has transformed ...

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Indonesia and Laos solar exports surge to U.S. as tariffs hit SE Asian

Solar panel manufacturers in Indonesia and Laos - many of which are owned by Chinese companies - have been rapidly gaining market share in the United States, following ...

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The arrival of factories backed by Chinese solar heavyweights such as Trina, Longi, JA Solar and Jinko Solar, among nearly 20 other ...

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Tariffs deliver blow to dented South-east Asian solar exports

[NEW YORK] President Donald Trump's cascade of tariffs on South-east Asia threatens an already battered solar panel industry and its exports to the world's largest ...

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The Commerce Department Slaps High Tariffs on Solar Imports ...

Conclusion The U.S. Commerce Department found that some Chinese producers have been shipping solar products through Southeast Asian countries to avoid paying tariffs ...

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[ASEAN: Solar Panels from SE Asian Countries Hit by ...](#)

The US Department of Commerce (DoC) has imposed another round of tariffs on solar panels imported from four Southeast Asian countries. ...

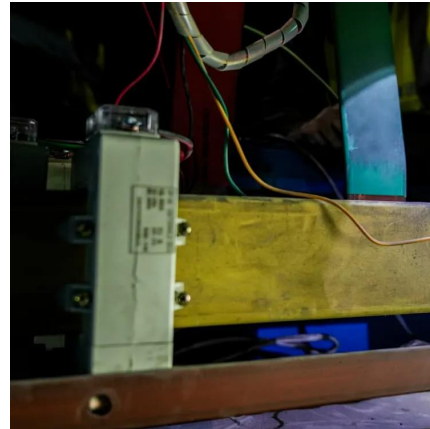
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["Block China's Indirect Exports" - U.S. Imposes Up to](#)

U.S. ITC Slaps Solar Tariffs on Four ASEAN Member States Local U.S. solar companies requested the tariffs Chinese firms reduce indirect exports and build production ...

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Trade court orders retroactive duties on solar panels imported ...

The 2023 decision extended tariffs to Southeast Asian exports of (1) silicon cells using Chinese wafers and (2) silicon solar panels using Chinese wafers that also use three ...

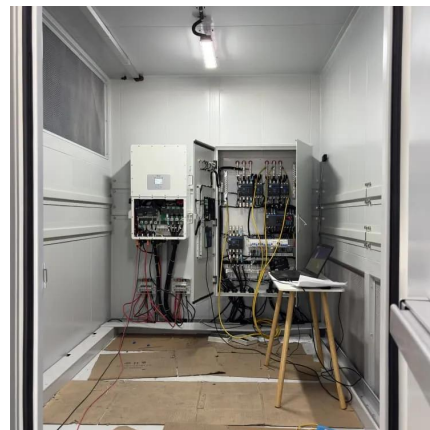
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Sinovoltaics Southeast Asia SEA Solar Energy Supply Chain Map

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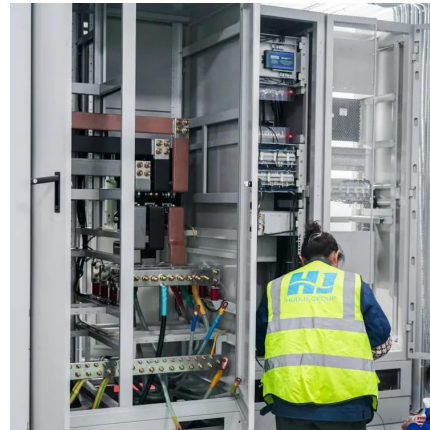




From Trade to Supply Chain Investments: China's Three Roles in ...

The gap between solar module manufacturing capacity and that of solar cells shows that these manufacturers are more likely to assemble solar cells produced in Chinese ...

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Chinese solar panel makers close plants, scale back production in

KUALA LUMPUR - Several Chinese-owned solar panel makers have shut down or scaled back their operations in Malaysia, industry sources say, as US tariff hikes in 2024 ...

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US solar tariffs disrupt global supply chains and reshape trade

Following the implementation of steep tariffs on solar panel exports from Southeast Asian nations like Cambodia and Thailand, Chinese-owned manufacturers in Laos and Indonesia increased ...

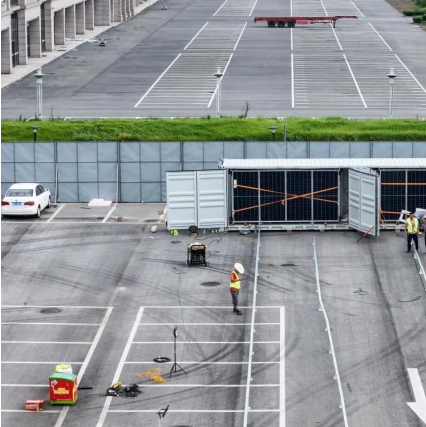
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[What next for Southeast Asia's China-backed solar ...](#)

The region has emerged as a leading solar exporter, helped by Chinese companies' relocating their production - but US tariffs are beginning ...

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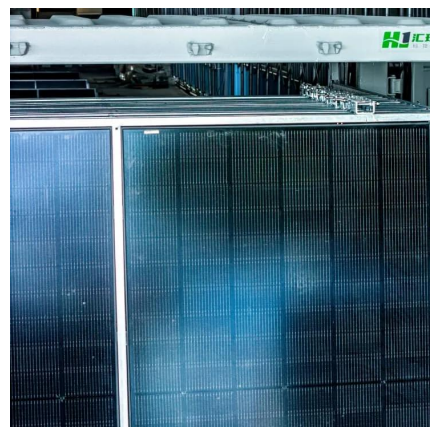
SINGAPORE--The U.S. broadened its trade dispute with China by imposing steep tariffs on solar imports from four Southeast Asian countries where mainland manufacturers ...

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Solar squeeze: US tariffs threaten panel production and jobs in

Solar manufacturers that rely heavily on Chinese components in South-east Asia's second-largest economy are now facing nearly 400 per cent tariffs on their products exported ...

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