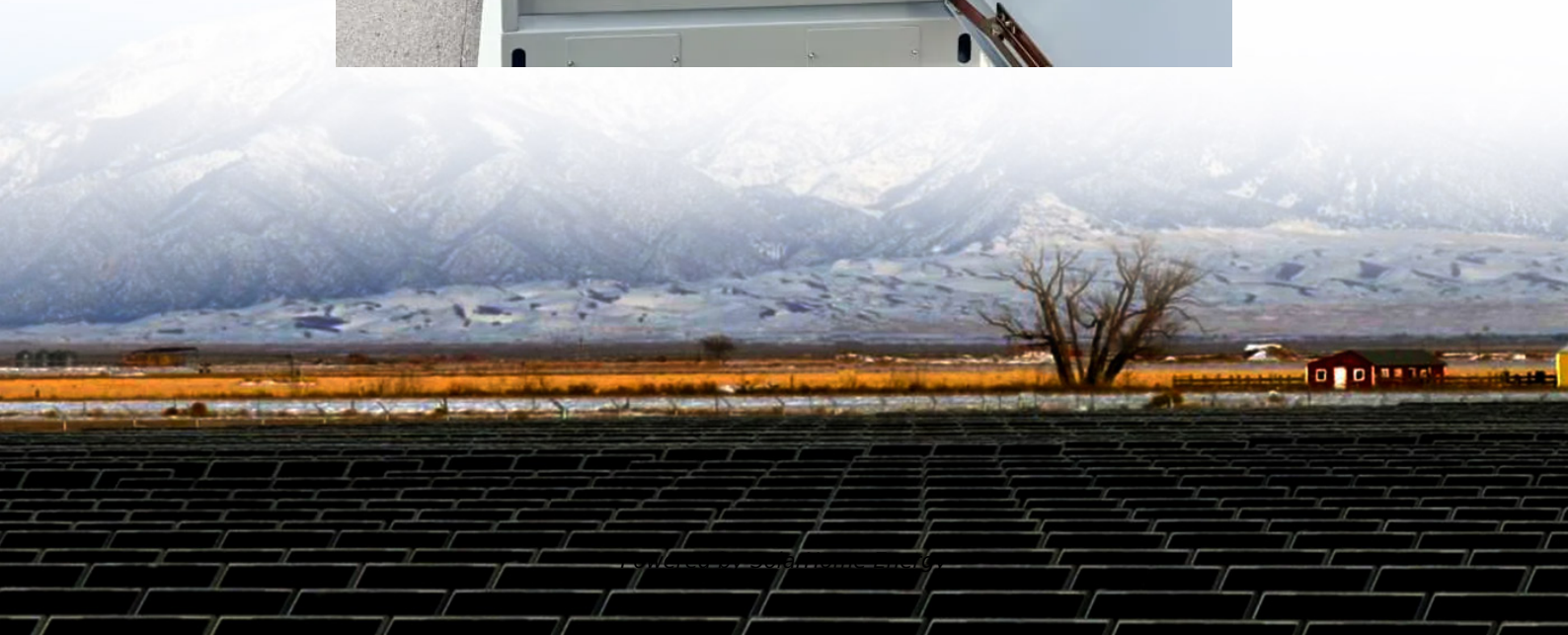


# Photovoltaic module export tariffs





## Overview

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Which solar companies do not incur import tariffs?

Other “Domestic” Suppliers: A few manufacturers with U.S.-based production or assembly – such as Hanwha Qcells (Georgia factories), First Solar (Ohio), Mission Solar (Texas), and Silfab (Washington) – do not incur these import tariffs on their U.S.-made panels. They have an effective price advantage now.

What tariffs are imposed on Chinese solar cells & modules?

The U.S. had imposed several trade barriers against Chinese solar cell and module imports. In addition to the original 25% tariff under the Section 301, there are anti-dumping and countervailing duties (AD/CVD) that have been imposed since 2012 as well as the Section 201 tariffs targeting cells and modules from all countries.

How will tariffs affect solar panels & inverters in 2025?

In summary, as of April 2025 we see solar panel prices up by 20–40% (depending on origin), inverters up ~10–30%, and battery costs up significantly (~30% or more) compared to pre-tariff levels. These increases correlate directly with the reciprocal tariff rates imposed (34% on China, 36–49% on SE Asia, etc.), underlining the tariffs’ impact.

How do tariffs affect the solar industry?

A study of 2018 import tariffs across various goods (steel, aluminum, solar products, and washing machines) found that by December 2018, they had cost U.S. consumers and importing firms \$3.2 billion per month in added taxes and \$1.4 billion per month in lost economic value (Amiti et al. 2019). Tariffs reduce solar industry employment.

How much does a tariff on a photovoltaic system cost?

When a \$1 tariff is imposed on manufacturers, the final prices of installed



photovoltaic (PV) systems increase by \$1.35 (Houde & Wang 2022). Similarly, analysis of the 2018 U.S. tariff on washing machines indicate the cost of tariffs is passed to consumers at a rate above 100% (Flaen et al. 2020).

Will tariffs affect REC Solar panels and Enphase microinverters in 2025?

While these tariff increases are expected to drive up costs for some products in 2025, the equipment we use—such as REC solar panels and Enphase microinverters—is not directly impacted by these rulings. This means any price increase for our customers should be lessened.



## Photovoltaic module export tariffs

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### New record-high US solar tariffs leave uneven impact ...

After a year-long investigation into alleged dumping practices and unfair subsidies in the solar photovoltaic (PV) manufacturing industry, the ...

### India's Finance Minister Proposes Tariff Reductions ...

For solar modules, the tariff will decrease from 40% to 20%, plus 20% AIDC and 4% SWS. The tariff reductions are expected to boost India's ...



### How Trump's widespread tariffs affect the U.S. solar industry

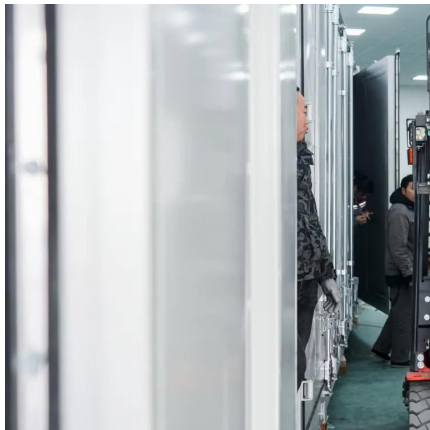
In December, the Biden Administration doubled tariffs on solar products from China. Section 301 tariffs are 50% for polysilicon, wafers, and solar cells for products imported from ...

### April 2025 Tariffs , Solar Equipment , Industry Impact

Explore how the April 2025 reciprocal tariffs on solar equipment affect pricing, imports, and the



U.S. solar supply chain



### Section 201 - Imported Solar Cells and Modules

On February 4, 2022, President Biden announced an extension and modification of the existing safeguard tariffs for an additional four years. In his announcement, the President included an ...

### **Impact of US trade barriers on solar PV supply chain: challenges ...**

U.S.-bound tariff rates on solar cells and modules from major manufacturing countries (based on the initial reciprocal tariffs) In terms of tariff rates alone, Turkey, Indonesia, ...



### QB 25-507 2025 Solar Cells and Modules

Such duty shall be imposed on the declared value of such modules, including the cost or value of the non-cell portions thereof (such as aluminum frames), as Customs in its ...



## US tariffs, Europe slowdown reshape global solar ...

Solar panel exports from Vietnam, Malaysia, Thailand and Cambodia to the U.S. fell by 33% on an annual basis in the nine months since ...



## What does the US imposition of tariffs mean for the global photovoltaic

Although the latest US tariff policy has cut off the path for Chinese photovoltaic companies to export through Southeast Asia, it has not completely blocked the channel for ...

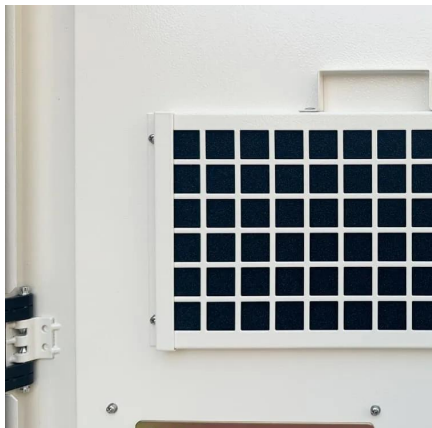
## Import tariffs cause U.S. module prices to rise 286 percent

In February 2015, this tariff found dumping and subsidization of photovoltaic exports to the United States from both places (China as well as Taiwan). At that time, Chinese ...



## US Imposes Tariffs Up to 3,521% on Asian Solar Imports

The US set new duties as high as 3,521% on solar imports from four Southeast Asian countries, delivering a win for domestic manufacturers ...



## US tariffs, Europe slowdown reshape global solar panels trade

Solar panel exports from Vietnam, Malaysia, Thailand and Cambodia to the U.S. fell by 33% on an annual basis in the nine months since the first round of tariffs in June. In the ...

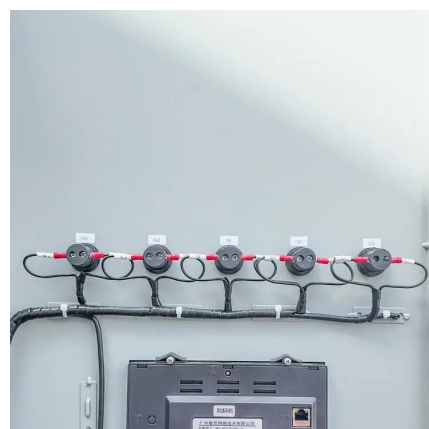


## [The impact of green trade barriers on China's ...](#)

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

## [U.S. Finalizes Section 301 Solar Tariffs](#)

In September 2024, the U.S. Trade Representative (USTR) finalized Section 301 tariffs on a range of products imported from China, including solar components and batteries. ...





## U.S. Adjusts Tariffs on Solar Cells from Southeast Asia, Final ...

The U.S. Department of Commerce has recently made adjustments to the preliminary tariffs imposed on crystalline silicon photovoltaic cells and modules from ...

## U.S. shipments of solar photovoltaic modules increase ...

In 2019, U.S. shipments of solar photovoltaic (PV) modules, also referred to as solar panels, reached a record-high 16.4 million kilowatts (kW), ...



## How Trump's widespread tariffs affect the U.S. solar ...

In December, the Biden Administration doubled tariffs on solar products from China. Section 301 tariffs are 50% for polysilicon, wafers, and ...

## [Q&A . Solar Tariffs and the US Energy Transition](#)

Auxin Solar, a small California-based solar panel manufacturing company, petitioned [4] the US government, arguing that Chinese companies ...



## Solar products from Mexico and Canada slapped with ...

Outside of China, a few major U.S. solar suppliers will be affected by new tariffs on Canada and Mexico, including solar panel manufacturers ...



## Tariffs on Solar Products

In 2022, the solar tariffs were extended, decreasing 0.25% annually to reach 14% by 2026 (U.S. President 2022). The tariff excluded solar products from Canada and Mexico. ...



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## U.S. Finalizes Section 301 Solar Tariffs

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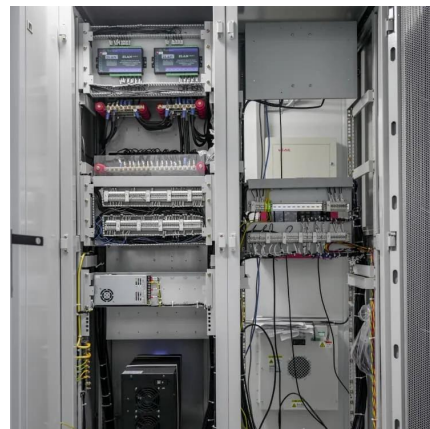


## **Chinese module exports up 5% MoM despite declines in the ...**

Despite imposing a 10% tariff on imported modules in June, the country still relies on imports due to limited local production, with recent demand driven by local ground-mounted ...

## **Tariffs on Solar Products**

In 2022, the solar tariffs were extended, decreasing 0.25% annually to reach 14% by 2026 (U.S. President 2022). The tariff excluded solar ...



## **Brazil Imposes 25% Extra-Quota Tariff On Solar Panels: Major ...**

Recently, Brazil's Secretariat of Foreign Trade under the Ministry of Development, Industry, Trade, and Services announced a major policy decision aimed at promoting the ...



## **Tariffs to 'significantly' increase costs for US solar, energy storage**

Tariffs on US imports will increase the cost of US solar PV and energy storage technologies and slow the rate of project development.



## **Impact of adjusted Section 301 tariffs on solar industry**

Given the sharp reduction in imports of Chinese cells and modules, the recent adjustment of the Section 301 tariffs will have little short-term impact on the US PV industry.

## **Navigating One Big Beautiful Bill and tariffs in U.S. solar PV and**

The U.S. solar PV and storage sectors are entering a phase of major policy and market realignment. The One Big Beautiful Bill (OB BB), together with proposed tariffs on ...



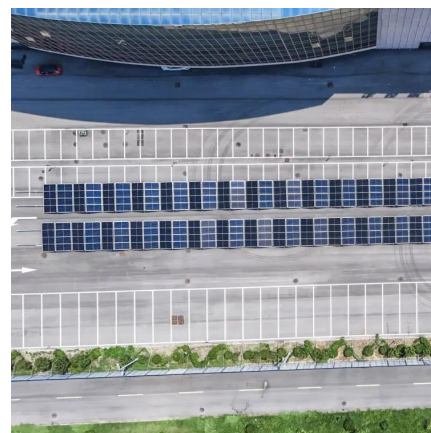


### QB 25-507 2025 Solar Cells and Modules

Such duty shall be imposed on the declared value of such modules, including the cost or value of the non-cell portions thereof (such as aluminum ...

### **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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