



# Customs exports of solar modules in the first quarter

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## Overview

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US solar panel imports remained robust in the first three months of 2024, coming in just short of the prior quarter's record 15 GW and notching a 13.8% gain from a year ago, according to the S&P Global Market Intelligence Global Trade Analytics Suite.

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US solar manufacturing ramped up sharply in the first quarter of 2025, supporting record levels of new capacity as solar and storage made up 82% of additions to the grid. But proposed legislation and rising import tariffs could cloud growth prospects. From pv magazine USA The 8.6 GW of new solar.

The U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy (DOE), prepared this report. By law, our data, analyses, and forecasts are independent of approval by any other officer or employee of the U.S. Government. The views in this.

Exports of solar panels - in technical terms known as “photovoltaic cells made up/assembled in modules or made up into panels - in April-June this fiscal fell 0.8% on year to \$ 450 million. India’s solar panel exports that saw a sudden surge since 2022-23 plateaued in the first quarter of the.

In the second quarter of 2024, the U.S. saw an unprecedented surge in solar panel imports, setting a new record as shipments flooded into the country. The significant rise in imports follows President Joe Biden’s decision to grant a two-year tariff waiver on solar cells and modules from Southeast.

Crystalline Silicon Photovoltaic (CSPV) Cells and Modules as specified in



Presidential Proclamation 10339 of February 4, 2022. February 7, 2025, through February 6, 2026. For CSPV cells, an annual aggregate quantity of 12.5 Gigawatts. August 12, 2024: FRN 2024-18444 authorized expansion of the. How did solar panel imports perform in the second quarter of 2024?

In the second quarter of 2024, the U.S. saw an unprecedented surge in solar panel imports, setting a new record as shipments flooded into the country. According to S&P Global Market Intelligence's Global Trade Analytics Suite, U.S. imports reached 17.4 GW. This marks a 36% increase from the same period in 2023.

How did US solar panel imports perform in the first three months?

Source: jgroup/iStock/Getty Images Plus via Getty Images. US solar panel imports remained robust in the first three months of 2024, coming in just short of the prior quarter's record 15 GW and notching a 13.8% gain from a year ago, according to the S&P Global Market Intelligence Global Trade Analytics Suite.

How did Indian solar module and cell exports perform in Q1?

Indian solar module and cell exports increased 26.1% quarter-over-quarter (QoQ) to \$267.6 million (~₹23.1 billion) in the first quarter (Q1) of 2025 from \$212.2 million (~₹17.92 billion), according to recent data published by the Department of Commerce.

How have US solar panel imports changed since June?

Following the implementation of the second round of tariffs in late November, the combined market share of four unnamed countries in US solar panel imports decreased from 82% in the full year of 2024 to 54% in the subsequent three months. Overall, US solar panel imports have declined by 26% since June.



## Customs exports of solar modules in the first quarter

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### [Solar panel exports stagnate in Q1 after post-FY22 surge](#)

As a part of the package on imposing higher duties on select Chinese imports like electric vehicles and batteries, duties on solar cells and modules was also raised to 50% from ...

### **India's Solar Exports Up 26%, Imports Surge 80.2% QoQ in Q1 ...**

Solar exports in the quarter were dominated by photovoltaic modules, which accounted for 98.7% of the total shipments, while solar cells made up the remaining 1.3%. The ...



### **US solar panel imports near record levels as trade probe proceeds**

Future import levels hinge on the outcome of a new US investigation into the alleged illegal import of crystalline solar cells and panels from Vietnam, Thailand, Malaysia and Cambodia.

### [India's Solar Exports Up 26%, Imports Surge ...](#)

Solar exports in the quarter were dominated by photovoltaic modules, which accounted for 98.7% of the total shipments, while solar ...



## 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 ...



## [2024 Monthly Solar Photovoltaic Module Shipments Report](#)

Data source: U.S. Energy Information Administration, Form EIA-63B, Monthly Photovoltaic Module Shipments Report Note: Includes both domestic shipments and exports.



## [U.S. Energy Information Administration](#)

This table includes the total shipments, values, and average values of module shipments by year and month. This table is a compilation of annual Tables 2, 3, and 4.







## 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 ...



## US Tariffs, Europe Slowdown Reshape Global ...

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

## Will Record-Breaking Solar Imports Reshape U.S.

This shortage could increase the prices of both domestically produced and imported solar modules by up to \$0.15/watt. The U.S. ...



## **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 ...



## Solar panel exports stagnate in Q1 after post-FY22 ...

As a part of the package on imposing higher duties on select Chinese imports like electric vehicles and batteries, duties on solar cells ...



## **Will Record-Breaking Solar Imports Reshape U.S. Industry Amid ...**

This shortage could increase the prices of both domestically produced and imported solar modules by up to \$0.15/watt. The U.S. heavily relies on SEA countries for its ...



## **US solar manufacturing surges in Q1 amid policy fears, trade risks**

US solar manufacturing ramped up sharply in the first quarter of 2025, supporting record levels of new capacity as solar and storage made up 82% of additions to the grid. But ...



## 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 solar manufacturing surges in Q1 amid policy ...](#)

US solar manufacturing ramped up sharply in the first quarter of 2025, supporting record levels of new capacity as solar and storage ...







## Contact Us

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