



# Exporting solar modules in 2025





## Overview

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Massive levels of imports, driven by Chinese overproduction of solar modules and components and exports worldwide, has put the U.S. manufacturing industry in crisis. Demand for domestically manufactured modules is weak because cheap imports have taken the majority of the market and reduced prices.

India's solar module exports to the US are booming, driven by US restrictions on Chinese imports. Indian modules are cheaper, making them attractive. However, new US tariffs and investigations are creating concerns. India is also expanding its own solar production capacity to meet growing global.

As a result, the U.S. became the main buyer, taking about 97 per cent of India's solar module exports between 2023 and 2025. The report shows that India's solar module exports rose nearly nine times in 2023 and doubled again in 2024. It notes that this shift positions India as a 'credible.

The US solar industry installed 10.8 gigawatts direct current (GWdc) of capacity in Q1 2025, a 7% decline from Q1 2024 and a 43% decrease compared with Q4 2024 but still the fourth largest quarter on record. Solar accounted for 69% of all new electricity-generating capacity added to the US grid in.

This quarterly briefing provides an overview of the solar module supply chain in the quarter prior. The briefing draws insight from our monthly global PV supply chain pulse, which provides historical PV manufacturing capacity and pricing information; forecasts of global polysilicon, wafer, cell and.



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### [U.S. Solar Manufacturing Surges Amid Trade Battles](#)

Explore how U.S. solar manufacturing is booming in 2025, with new factories, IRA incentives, and trade battles reshaping the solar supply chain.

### [The state of the domestic solar and energy storage ...](#)

Anza reports on U.S.-made solar modules, cells and battery energy storage in today's pipeline and offers a glimpse at manufacturers' ...



### **Solar Market Insight Report Q2 2025**

The residential solar market faces significant uncertainty in 2025, grappling with supply chain challenges due to tariffs, the potential elimination of tax credits, and the ...

### **2025 US Solar Report**

At current solar module prices, few independent U.S.-owned module producers will be able to remain in business long-term. Several companies have already cancelled plans to build new ...



### [Global solar PV supply chain quarterly briefing: Q1 2025](#)

With this edition of the quarterly briefing, we've included sections on import and export trade dynamics and manufacturer's financial conditions. This research will help clients ...



## Global Surge in Solar + Storage Demand Drives Export Momentum in 2025

Industry data reveals that exports of photovoltaic (PV) modules and lithium-based energy storage systems surged in Q1 2025, especially toward regions emphasizing energy ...



## Global Solar Market 2025: Size, Imports, Exports & Growth Trends

Explore 2025 global solar market trends, imports and exports by country, key technologies, and solar PV trade data worldwide.





## The state of the domestic solar and energy storage supply chain, Q1 2025

Anza reports on U.S.-made solar modules, cells and battery energy storage in today's pipeline and offers a glimpse at manufacturers' efforts to ramp up production.



## India emerges as key solar supplier to US, exporting almost 97

India's solar module exports to the US are booming, driven by US restrictions on Chinese imports. Indian modules are cheaper, making them attractive. However, new US ...

## Spring 2025 Solar Industry Update

EIA projects that PV's growth in 2023 (27 GWac) and 2024 (36 GWac) will continue in 2025 (39 GWac) and remain at similar levels in 2026 (36 GWac). In 2024, 24 ...



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