

# Solar module exports in the first quarter of 2025



## Overview

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Indian solar module and cell exports increased 26.1% quarter-over-quarter (QoQ) to \$267.92 billion), according to recent data published by the Department of Commerce. 7% in April-October 2025, driven almost entirely by US demand, with emerging traction in new secondary markets across Asia, Africa, and beyond. Data from the Commerce Ministry show a 30.7% rise in India's solar module exports between April and October 2025, with . 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. 6 GW of new solar . 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 states and territories generated more than 5% of their electricity from solar, with California leading the way at 32.38 GW of PV modules in March 2025, up 44% MoM but down 5% YoY from 24.

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### Solar Panels for Home in 2026 , Solar

Solar panels work through the photovoltaic (PV) effect. When sunlight hits the panels, it creates an electric current that is first used to power electrical systems in your home.

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### Chinese Solar Module Exports Decline By 8% YoY In Q1 2025

Chinese solar manufacturers exported 61.9 GW of solar modules in Q1 2025, reflecting an 8% year-on-year (YoY) decline compared to Q1 2024's shipments of 67.62 GW, according to

### [Solar Modules Export: Solar Module Exports Surge 20% to \\$668 mn.](#)

Increase in exports in anticipation of a 50 per cent tariff starting August 27 may have also contributed to the rise. Apart from shipments to the US, an increase was seen in shipments to the



### Yuma-Solar



Providing customers with the best solar technology sets Yuma Solar apart from other solar companies. Yuma Solar offers its customers the best panels, inverters and batteries available.

### [China's solar PV module exports reach 62 GW in 1Q25, down 8% YoY](#)

China's total module exports reached 61.9 GW in 1Q25, down 8% YoY from 67.62 GW. In March 2025, the top five single-country markets importing Chinese modules were, in order, Pakistan,



### [Solar energy . Definition, Uses, Examples, Advantages, & Facts](#)

Solar energy is radiation from the Sun that is capable of producing heat, causing chemical reactions, or generating electricity. The total amount of solar energy incident on Earth is vastly in

### **Solar energy**

Solar technologies are categorized as either passive or active depending on the way they capture, convert and distribute sunlight and enable solar energy to be harnessed at different levels around the



### **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 understand

[SignatureSolar : Solar Panels, DIY Off-Grid Solar, Server Rack](#)

Signature Solar provides solar panels & components and full kits for off-grid, grid-tie and custom diy solar systems. Providing Solar 101 and hands on experience within the solar industry.



[India's Solar Exports Up 26%, Imports Surge 80.2% QoQ in Q1 2025](#)

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 U.S. was the

**Solar Energy**

There are two main types of solar energy technologies-photovoltaics (PV) and concentrating solar-thermal power (CSP). On this page you'll find resources to learn what solar



**India ships 12.5GW PV modules in Q1 2025**

India has shipped 12.5GW of module capacity in the first quarter of 2025, according to data from energy consultancy JMK Research. More than half of all modules sold in Q1 2025 came

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## 2025 US Solar Report

Subsidized mass production of Chinese solar panels drove down the global price and drove nearly all of the first generation of U.S. and European solar panel makers out of business.

## India's solar PC modules' exports rise 30.7% in 1st half of

India's solar module exports rose 30.7% in April-October 2025, driven almost entirely by US demand, with emerging traction in new secondary markets across Asia, Africa, and beyond.



## Spring 2025 Solar Industry Update

Module spot prices rose 2% in Q1 2025 and remained around \$0.09/Wdc. Global polysilicon spot prices rose 12% in Q1 2025, from \$5.54/kg to \$6.24/kg. In Q4 2024, the average U.S.

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## [Solar Solutions For Your Roof In Yuma, AZ. EcoEnergy Solutions](#)

We provide full-service solar installations for homes in Yuma County. From permits to final connection, our certified Solar Technicians and consultants ensure a smooth, stress-free transition to Solar Power.

[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.



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