

Share of solar panel exports



Overview

According to the IEA, China is the world's largest exporter of solar panels today. 2 terawatts as of the end of 2024. Between 2025 and 2029, global solar photovoltaic capacity additions are projected to increase yearly and range from some 655 gigawatts in 2025 to 930 . Destination of photovoltaic module export shipments, 2024. photovoltaic module shipments by state or territory, 2024. Solar panels are now traded worldwide alongside other major products. Ember's China Solar Export dataset provides the following information: The IEA has stated that China's solar photovoltaic exports account for 80% of the global market. While there . Ember Energy says China's solar export market is shifting as more diverse global supply chains drive higher cell and wafer shipments, lifting combined solar product capacity 11% this year despite lower panel exports.

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Global solar PV supply chain

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China's Solar PV Exports

The latest monthly solar PV export data from the world's largest exporter, China, by country or region of destination.



[Solar panel exports by country and Market Trends. , Market Insights](#)

Read the latest TradeYao report on Solar panel exports by country and Market Trends. Data-driven insight into market trends, supply chain shifts, and international trade flows.

2024 Monthly Solar Photovoltaic Module Shipments Report

Note: Includes both domestic shipments and exports. Monthly data for 2021- 2024 are based on a subset of the largest manufacturers representing about 90% of the previous year's total shipments.



Executive summary - Solar PV Global Supply Chains

This has led to tight global supplies and a quadrupling of polysilicon prices over the last year. Solar PV products are a significant export for China. In 2021, the value of China's solar PV

exports was over

[Solar cell, wafer exports from China rise as panel exports fall](#)

The drive in solar cell exports is led by India, Indonesia and Turkey, which together account for 75% of cell exports from China in the first six months of this year.



Report: Solar exports from China increase by a third

In the first half of 2023, exports of solar panels from China grew by 34%, with 114 GW shipped worldwide, compared to 85 GW in the same period last year. This is equivalent to the total installed

Spring 2025 Solar Industry Update

In 2024, between 554 GWdc and 602 GWdc of PV were added globally, bringing the cumulative installed capacity to 2.2 TWdc. China continued to dominate the global market,



[These are the countries the US imported solar panels from in 2024](#)

If every U.S. plant is running at its full capacity, the country should be producing nearly 50 GW of solar panels each year. With an expected 2024 installation rate of 40 GW, realistically, the

Pv Solar Panel Exports from World

To dive deeper into Pv Solar Panel exports from these countries, simply click on the links provided below. Each link directly relates to the



shipment count from the respective country.

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