



The proportion of solar modules exported to domestic sales





Overview

Data include manufacturing, imports, and exports of modules in the United States and its territories. Energy Information Administration (EIA), the statistical and analytical agency within the U. 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. This was the second consecutive year of record-breaking capacity. Solar accounted for 66% of all new electricity-generating capacity added to the US grid in 2024, as the. Today, China's share in all the manufacturing stages of solar panels (such as polysilicon, ingots, wafers, cells and modules) exceeds 80%. government as well as strategic actions focused on workforce, manufacturing, human rights, and trade, America could reestablish a robust domestic solar manufacturing supply chain and become a competitive.



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Winter 2025 Solar Industry Update

According to the Institute for Energy Economics and Financial Analysis, Indian manufacturers can achieve 40%-60% higher profits on module sales in the U.S. compared with ...

[Annual Solar Photovoltaic Module Shipments Report](#)

Data include manufacturing, imports, and exports of modules in the United States and its territories. Summary data include volumes in peak kilowatts and average prices.



US Solar Manufacturing: Complete 2025 Guide To Domestic Production

Comprehensive guide to US solar manufacturing: capacity, major producers, supply chain analysis, and how to source American-made solar equipment in 2025.



[Solar Market Insight Report 2024 Year in Review](#)

Domestic module manufacturing capacity grew an unprecedented 190% year-over-year, from just 14.5 GW at the end of 2023 to 42.1 GW at the end of 2024 and surpassed 50 GW in early 2025. This ...

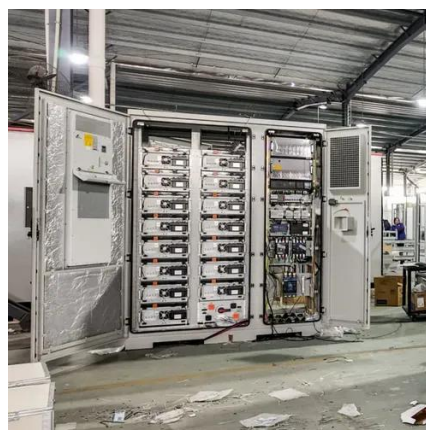


[Solar Photovoltaics Supply Chain Review Report](#)

The United States does have production capacity for CdTe technology, which does not rely on obtaining materials from Chinese companies. The 16% of U.S. solar PV installations that ...

[Executive summary - Solar PV Global Supply Chains](#)

Today, China's share in all the manufacturing stages of solar panels (such as polysilicon, ingots, wafers, cells and modules) exceeds 80%. This is more than double China's share of global PV demand. In ...



[Solar Supply Chain and Industry Analysis](#)

NLR conducts detailed supply chain analysis for specific photovoltaic module technologies. These analyses include production locations, supply chain risk and costs, and material ...



Solar Manufacturing: By the



Numbers

Tariff Evasion: In 2023, S&P Global reported that Chinese solar panel exports through Vietnam, Malaysia, and Thailand accounted for 75% of U.S. imports, indicating widespread tariff evasion ...



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

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