



Photovoltaic panel production country





Overview

China, Vietnam, Malaysia, and India manufacture 89% of the world's solar panels between them – and Asia's contribution to the industry doesn't stop there. For a 2025 snapshot, this page uses the latest fully consolidated year of PV module production (2024) and treats it as the best proxy for the 2025 manufacturing landscape. In April 2022, the total global solar power capacity reached 1 TW, increasing to 2 TW in 2024. The following table lists these data for. Will new PV manufacturing policies in the United States, India and the European Union create global PV supply diversification?

Manufacturing capacity and production in 2027 is an expected value based on announced policies and projects. APAC = Asia-Pacific region excluding India and China. electricity generation capacity in 2023, with 22 states generating more than 5% of their electricity from solar, led by California at 28.



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[Who are the top 10 photovoltaic module producers in the world?](#)

Seven of the top ten manufacturers now operate factories in three or more countries, including Cambodia, India, Malaysia, Mexico, and Vietnam. Analysts also predict expansion into ...

[Solar PV manufacturing capacity and production by country and ...](#)

Solar PV manufacturing capacity and production by country and region, 2021-2027 - Chart and data by the International Energy Agency.



[Top 10 Countries Leading Solar Panel Production 2025](#)

In the latest consolidated data, global PV module production reached 726 GW and manufacturing capacity reached 1,405 GW/year, with 83% of capacity located in China.

Solar power by country

Most operational CSP stations are located in Spain and the United States, while large solar farms using photovoltaics are being constructed in most geographic regions. The worldwide growth of ...



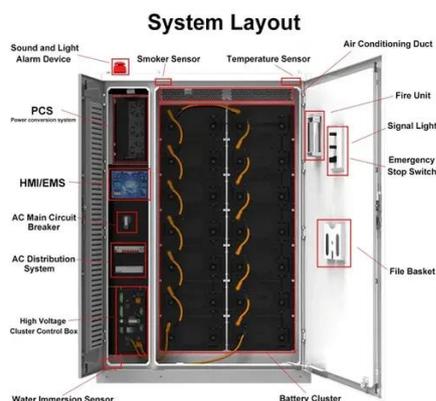
Top Solar Power Countries in 2025: Leading the Global ...

Emerging leaders include Brazil, Australia, and Spain, each advancing solar rapidly through innovative policies and investment.



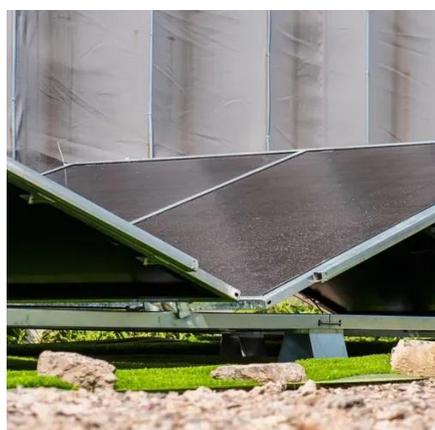
Where are solar panels made? [Top 9 countries, 2026]

Wondering where solar panels are manufactured? We run through the nine countries that dominate solar panel production, from Canada to Taiwan.



Solar Panel Manufacturing By Countries

I've spent years researching and analysing the solar industry, and one question that often crops up is: which country manufactures the best solar panels? In this article, I'll explore the top contenders and ...



Global solar PV supply chain



Discover all statistics and data on Global solar PV supply chain now on statista !



Solar Power by Country 2026

Data and analysis including a list of solar power in every country in ...

Solar power by country

OverviewAsiaGlobal use figuresAfricaEuropeNorth AmericaOceaniaSouth America

Armenia due its geographical and climate properties is well-suited for the solar energy utilization. According to the Ministry of Energy Infrastructure and Natural Resources of Armenia the country is capable of producing 1850 kWh/m per year. For comparison European countries are capable of around 1000 kWh/m per year on average. Two main panel types utilized in Armenia are the photovoltaic and thermal solar panels. The

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[Where Are Solar Panels Made? Complete 2025 Global Manufacturing ...](#)

Discover where solar panels are manufactured globally. China leads with 77.8% production, but learn about quality, ethics, and alternatives in our comprehensive 2025 guide.



Solar Power by Country 2026

Data and analysis including a list of solar power in every country in the world, countries with the most solar power, and countries that generate the highest percentage of their electricity from solar power.





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