



Ranking of foreign solar power generation scale

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The worldwide growth of photovoltaics is extremely dynamic and varies strongly by country. In April 2022, the total global solar power capacity reached 1 TW, increasing to 2 TW in 2024. The top ...

This dashboard ranks countries/areas to their renewable energy power capacity or electricity generation. The data can be further refined based on region, technology or year of interest.

On this webpage, you can find the rating of top solar photovoltaic generating countries, get to know the volume of solar PV capacity installed in each individual nation annually, and find the solar PV ...

Explore the top solar power countries in 2025, including China, the U.S., India, Japan, and Germany, plus emerging leaders like Brazil and Australia, driving the global shift to sustainable ...

OverviewAsiaGlobal use figuresAfricaEuropeNorth AmericaOceaniaSouth AmericaArmenia 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

Chart: Which 10 countries generated the most solar power in 2023? China was the top solar power producer last year, but it's not the only nation that saw a big leap in solar production.

Top 20 Countries/Areas by Prospective Utility-Scale Solar Farm Capacity (MWac) February 2026

This ranking tracks the share of electricity generated from renewable sources (hydro, wind, solar, bioenergy and other renewables) as a percentage of a country's total electricity generation.

Our rundown of the countries around the world using the most solar energy, from Mexico to China



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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.

A comparison of the solar power status among countries and territories has been provided, considering their concentrated solar power and PV installed capacities for each continent.

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