



The largest place for solar power generation

The top five countries are China, United States, India, Japan, and Germany, based on solar power generation and installed capacity. Emerging leaders include Brazil, Australia, and Spain, ...

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

Solar energy capacity is growing rapidly, driving the global transition to renewable energy. This graphic visualizes the top 15 countries by cumulative megawatts of installed ...

OverviewEuropeGlobal use figuresAfricaAsiaNorth AmericaOceaniaSouth AmericaEuropean deployment of photovoltaics has increased considerably since the year 2010. Cumulative solar PV capacity in the European Union reached over 300 GW in 2024, with industry projections anticipating total capacity more than doubling by 2030, which would take solar power's share in EU electricity generation (9.2% in 2023) over 20%. Outside of the EU, similar growth in solar power is taking place in the United Kingdo...

This is the largest-ever photovoltaic power plant: This country wants to "squeeze" the Sun Kalyon Karapinar Solar Power Plant situated in Karapinar, Konya, Türkiye has pride of place as the ...

Top 10 countries with the most solar power installed 2024-25 list: China tops the global list, followed by the US, and India.

China dominates the solar energy sector, producing 77.8% of the world's solar panels and possessing 393GW of solar capacity in 2022. According to the International Energy Agency (IEA), ...

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.

Discover the top countries with the most solar power installed in 2025. Explore global solar growth trends, annual installation rates, and how nations are embracing clean, renewable ...

Solar power is the fastest-growing renewable energy source in the world. But what country uses the most solar power? The leader in solar energy is China, at 306,973 MW total solar capacity, but that's ...

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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