My country s solar power generation capacity

Official statistics by year of solar electricity installed capacity (GW). The values are presented in tables and charts with calculations of changes and shares, and with extensive analytical functionality.

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.

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 and thermal solar panels. The ...

Utility-Scale Solar Farm Operational Capacity by Country/Area and Year (MWac) February 2026

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 ...

China has the highest cumulative solar energy capacity in the world. The IEA measures China"s current capacity at 308.5 GW. The US is next with 123 GW of solar capacity. Japan has ...

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.

This visualization breaks down total solar power by country, combining both operational and prospective (planned) projects. The data for this visualization comes from the Global Energy ...

The average for 2022 based on 189 countries was 5.64 million kilowatts. The highest value was in China: 393.03 million kilowatts and the lowest value was in Bermuda: 0 million kilowatts. The ...

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 ...

Depending on the data, this can include standardizing country names and world region definitions, converting units, calculating derived indicators such as per capita measures, as well as ...

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