

# Countries with solar power



## Overview

---

Many countries and territories have installed significant capacity into their to supplement or provide an alternative to conventional energy sources. Solar power plants use one of two technologies: • (PV) systems use , either on or in ground-mounted , converting sunlight directly into electric power.

## Countries with solar power

---



### [The 5 Countries That Produce the Most Solar Energy](#)

Discover which countries are taking advantage of solar power and how they are implementing systems to use solar as a viable source of energy.

### 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



### [Top Solar Power Countries in 2025: Leading the Global](#)

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

### [Spotlighting The World Factbook as We Bid a Fond Farewell](#)

One of CIA's oldest and most recognizable intelligence publications, The World Factbook, has sunset. The World Factbook served the Intelligence Community and the general public as a



### [The Countries with the Most Solar Power Installed ?](#)



This treemap chart shows the state of the world's solar photovoltaic (PV) installations as of 2024, broken down by region with the top 15 countries

### [Which countries use the most solar energy? \[Top 13\]](#)

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



### [List of countries by renewable electricity production](#)

The 'Renewables' column indicates the amount of that country's overall electric generation that was renewable. Links for each location go to the relevant

### [Ranked: The 15 Countries With the Most Solar Power](#)

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



### [Countries that Added the Most Solar Capacity in 2025 - Global Ranking](#)

Discover which countries led global solar-power growth in 2025, top adders by GW, why they surged, and what it means for the clean-energy transition.

## About CIA

The CIA is a U.S. government agency that provides objective intelligence on foreign countries and global issues to the president, the National Security Council, and other policymakers to help them make



## Solar power by country

Overview  
Global use  
figures  
Africa  
Asia  
Europe  
North America  
Oceania  
South America

Many countries and territories have installed significant solar power capacity into their electrical grids to supplement or provide an alternative to conventional energy sources. Solar power plants use one of two technologies: o Photovoltaic (PV) systems use solar panels, either on rooftops or in ground-mounted solar farms, converting sunlight directly into electric power.

## [Top 10 Countries With the Most Solar Power Installed](#)

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



## Contact Us

---

For off-grid system quotes, technical support, or partnerships, please visit:  
<https://kephamatraining.co.za>