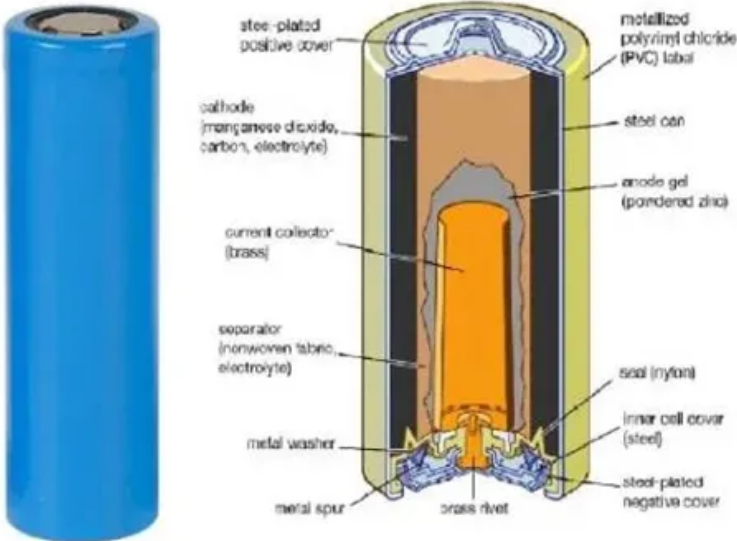


# Countries that use solar panels



## Overview

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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 that use solar panels

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### 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

### 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



### [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

### 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



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

Explore the top solar power countries in 2025, including China, the U.S., India, Japan, and Germany, plus emerging leaders like Brazil and

### Where is Solar Energy Used the Most Worldwide?

Solar energy is used all around the planet, but currently, China, Japan, and the United States lead the world in terms of total installed solar



### 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

### [Top 50 Countries That Use the Most Solar Power as a](#)

Data from BP's Statistical Review of World Energy 2022 and the International Energy Agency's solar energy statistics reveal the countries that are at the



### 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.

### Where is Solar Power Used the Most in 2024?

The countries that use the most solar energy are not always the sunniest. China, The United States, Japan, India, and Germany top the list for 2024.





### **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.

### [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



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