

# How much solar power does Ljubljana generate in watts



**1075KWHH ESS**



## Overview

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As of 2023, Slovenia's installed solar capacity reached 530 megawatts (MW), generating approximately 600 GWh annually. While smaller than EU leaders like Germany, this Alpine country's solar adoption has grown 40% since 2020. Values displayed in megawatts (MW), a unit of measurement equivalent to 1 million watts (or 1,000 kilowatts). Solar power is clean, green, inexpensive, and renewable energy that is produced when sunlight strikes human-made solar cells and is subsequently converted into electricity. The country also entered the list of the top ten European Union member countries in installed solar power per capita. 7 MW, and with last year's. The plant generated 5. 2% of the electricity produced in Slovenia in 2021. [15] Designed by United States company Westinghouse, the two loop, light water, pressurized water reactor was constructed and is operated as a 50% / 50% joint venture between Slovenia and. Ember (2026); Energy Institute - Statistical Review of World Energy (2025) - with major processing by Our World in Data This dataset contains yearly electricity generation, capacity, emissions, imports and demand data for European countries. You can find more about Ember's methodology in this. When asking "how many watts of solar power does Slovenia produce?

", we're looking at a nation making steady progress in renewable energy.

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### Renewable energy statistics 2025

Data on renewable power capacity represents the maximum net generating capacity of power plants and other installations that use renewable energy sources to produce electricity.

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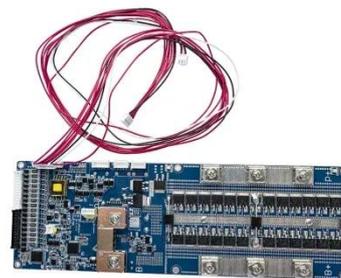
## How Many Watts of Solar Power Does Slovenia Produce A 2023 ...

When asking "how many watts of solar power does Slovenia produce?", we're looking at a nation making steady progress in renewable energy. As of 2023, Slovenia's installed solar capacity

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### ENERGY PROFILE Slovenia

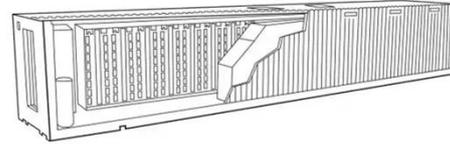
Distribution of wind potential Annual generation per unit of installed PV capacity (MWh/kWp) Wind power density at 100m height (W/m<sup>2</sup>)

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## 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 percentage of their electricity from solar power.



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## Solar power generation, 2025

This dataset contains yearly electricity generation, capacity, emissions, imports and demand data for European countries. You can find more about Ember's methodology in this document.

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## Installed solar energy capacity

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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## Global Solar Atlas

Welcome to the Global Solar Atlas. Start exploring solar potential by clicking on the map. Select sites, draw rectangles or polygons by clicking the respective map

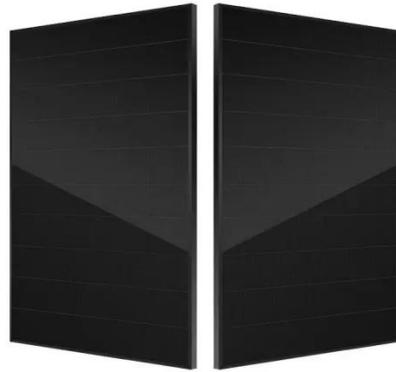


controls. Calculate energy production for ...

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## Energy in Slovenia

Electricity generation is mainly provided by nuclear power (36.2% in 2019), hydroelectricity (29.1% in 2019), and coal (27.9% in 2019); the three sources accounting for 93.2% of total electricity generation. Minor sources of electricity generation, each contributing less than 4% of total electricity generation, are natural gas, solar photovoltaic (solar PV), and biofuels. Following steep declines in use since 1990, Slovenia eliminated the use of oil for generating electricity in 2019. Renewable energy sources other than hydro...



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## Energy in Slovenia

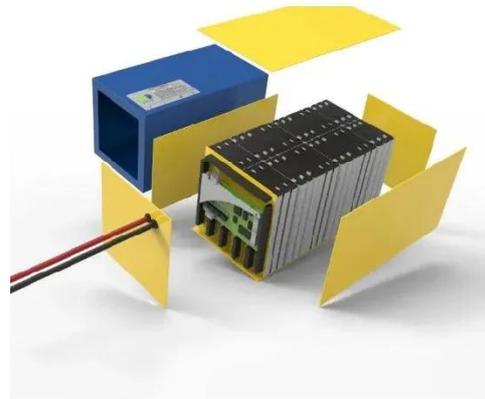
Minor sources of electricity generation, each contributing less than 4% of total electricity generation, are natural gas, solar photovoltaic (solar PV), and biofuels. Following steep declines in use since 1990, ...

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## Slovenia exceeds 1 GW in solar capacity in 2023

According to the European Market Outlook for Solar Power 2023-2027, Slovenia was ninth with 593 W per person, up 72% year on year. It was the highest growth in Europe, according to ...

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## Photovoltaic Geographical Information System (PVGIS)

Free and open access to photovoltaic (PV) electricity generation potential for different technologies and configurations. Available in English, French, Italian, Spanish and German.

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