

How many watts of solar power does Spain generate





Overview

Is solar energy the second largest energy source in Spain?

In 2023, solar photovoltaic energy, for the first time ever, became the second largest energy source, accounting for 20.8 % of the total installed capacity in the Spanish mainland (compared to 17.1 % in 2022) and surpassing combined cycle, which dropped to third place with a share of 20.5 % of the total installed generation capacity.

Does Spain have solar energy?

Currently, Spain ranks third in the EU for its share of solar energy in the electricity mix, behind Hungary and Greece. In terms of total solar generation, Spain is second only to Germany. This impressive progress underscores Spain's commitment to renewable energy and its ability to leverage its natural resources for sustainable growth.

Why does Spain have so many wind and solar power?

The abundance of wind and solar in Spain's energy mix reflects natural geographical advantages and years of deliberate policy decisions to promote renewables over fossil fuels. Spain was one of Europe's renewable energy pioneers, installing more than 20 GW of wind power in the early 2000s.

Is solar energy a renewable resource in Spain?

Although wind is currently the most used renewable resource in the Mediterranean country, solar energy is growing at a very fast pace. In fact, the solar capacity installed has more than quintupled in the last five years. In 2023, Spain was the sixth country worldwide in terms of new capacity additions.



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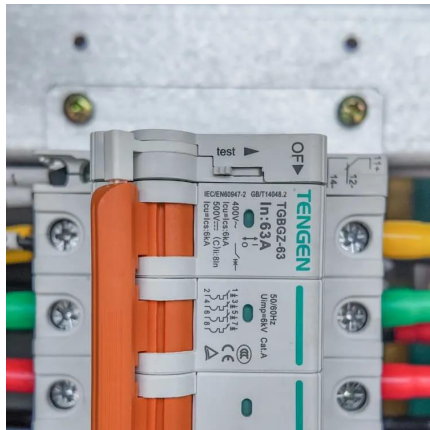
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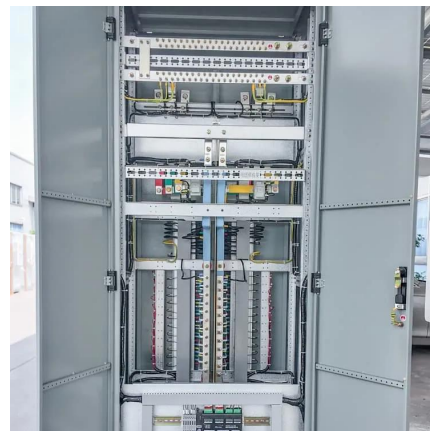


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