

Kongres Container

Spanish solar panel quality



Overview

Are solar energy solutions a viable option in Spain?

Here's why solar energy solutions are an appealing proposition in Spain: The Abundant Sunlight: Spain is blessed with ample sunshine, averaging over 2,500 sunlight hours each year. Utilizing solar panels under such optimal conditions maximizes energy production, thereby significantly reducing electricity bills.

Are solar panels safe in Spain?

In Spain, solar panels are subject to various certifications to ensure their efficiency and safety. One such certification is the IEC 61215, which certifies that the solar panels have undergone testing for performance under different climate conditions like rain, high temperature, and high humidity.

How much do solar panels cost in Spain?

The average price for installing panels in private homes in Spain varies from 2000 to 10 000 euros, depending on the type, power, manufacturer, seller and other factors. The performance of solar cells depends on the type of silicon they are made of. Monocrystalline panels have the highest efficiency (18-23%), but also the highest price.

Why is Spain a potential market for solar companies?

Spain presents a prospective market for solar companies due to its government's support for renewable technologies and the abundance of sunshine. Solar energy is a critical element of the nation's strategy, as it intends to generate 74% of its electricity from renewable sources by 2030.

Who makes solar panels in Spain?

The Spanish operation of American solar manufacturer Sunpower focuses on the high-efficiency residential and commercial markets. Their Maxeon technology maintains popularity among Spanish homeowners seeking

maximum energy production from limited roof space.

What certifications do solar panels have in Spain?

Another important certification is the IEC 61730 which deals with the safety of the panel. It ensures the solar panel has been tested for mechanical stress and safety from fire hazards. Additionally, Spain also follows the UNE 206007 IN standard specifically for self-consumption photovoltaic systems.

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