

All-round solar photovoltaic panels

What are the different types of solar panels?

Discover the six main types of solar panel, including thin-film, perovskite, and the best type for your home: monocrystalline. What kind of home do you live in? When you're considering whether to get solar panels, it's a good idea to look into all the different types, to ensure you choose the best system for your home.

What are the different types of solar panels for UK homes?

The most common types of solar panels for UK homes are monocrystalline and polycrystalline, both made from silicon.

What are photovoltaic solar panels?

Photovoltaic solar panels are devices specifically designed for the generation of clean energy from sunlight. In general, photovoltaic panels are classified into three main categories: monocrystalline, polycrystalline and thin-film panels.

Are all solar panels the same?

Most solar panel manufacturers produce photovoltaic (PV) panels for residential use, but the options aren't all created equal. Each brand has a different efficiency level, rate of degradation, durability and more, so choosing the best option for your solar project can be quite confusing.

To buy the best solar panels, be sure to compare prices, warranties, and efficiencies of different solar panel manufacturers. Here are the top 20 brands for 2026.

A solar panel system, also known as a photovoltaic (PV) system, converts sunlight directly into electricity through a process called the photovoltaic effect. When sunlight hits the solar ...

Among all panel types, crystalline solar panels have the highest efficiency. Monocrystalline panels have an efficiency rating over 20%. PERC panels add an extra 5% efficiency thanks to their ...

Types of solar panels Solar panels allow us to make the most of an inexhaustible and free resource, sunlight, and transform it into energy through a 100%-clean process, as no carbon dioxide is ...

Comparison between types of photovoltaic solar panels The choice between monocrystalline, polycrystalline and thin film depends on several factors, such as available space, ...

Here is our shortlist of the best-quality and most reliable residential-size solar panels available, based on company history, performance, warranty, and feedback from solar industry ...

Choosing the best solar panel can feel overwhelming, but it's easier than you think. A quality solar installer will typically install quality solar panels, so your main focus should be choosing ...

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Thinking of buying solar panels? Find out here about the different types of solar panel, and pick the best option for your home.

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