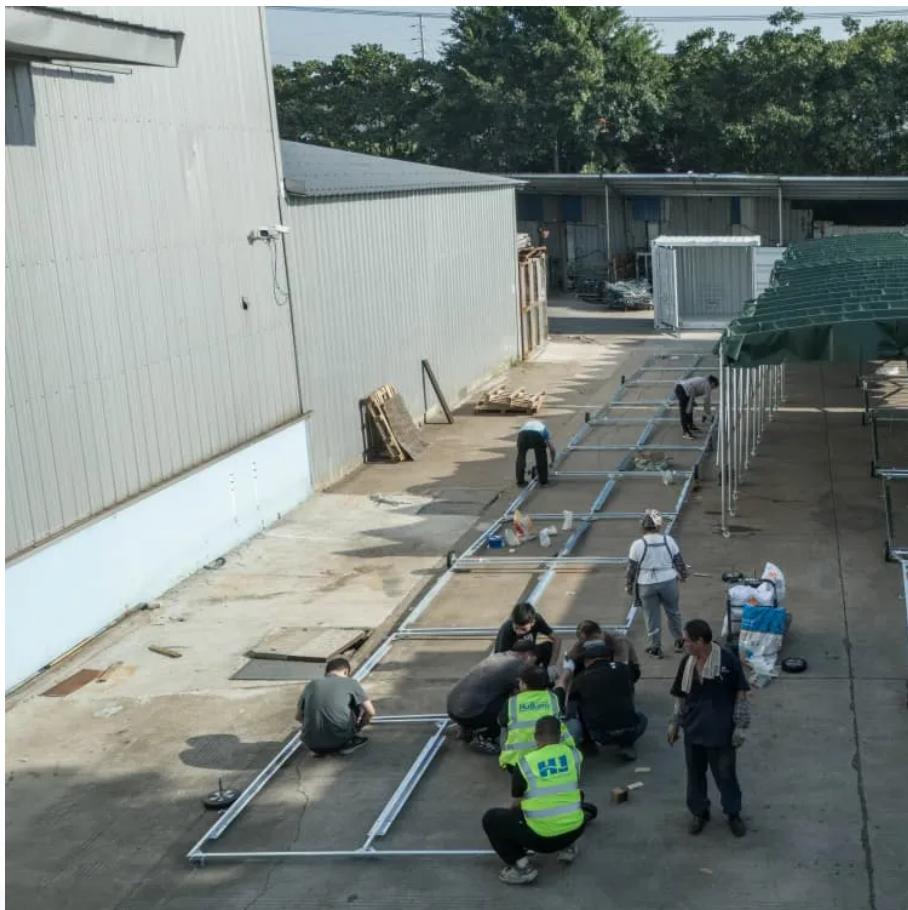


# UK electricity system solar panels





## Overview

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How many homes in the UK use solar panels?

Over 1.4 million homes in the UK already use solar panels, and more people are choosing them every year. What are solar panels?

Solar panels are roof-mounted systems that capture the sun's energy, converting it into electricity for your home. Save on average over £500 per year.

Do solar panels work in the UK?

Thankfully, they work perfectly fine in the UK, requiring 4 to 5 sunshine hours to power most homes with the appropriate size system. Requirements for placement: Solar panels are not viable on north-facing roofs or ones with inadequate angles, i.e. anything outside of 30° to 50° slope.

How much do solar panels cost in the UK?

Generally, domestic solar panel systems are around 3.5 kWp and cost around £6,100\*. You can lower the cost of installation costs if you already have scaffolding up for roof repairs or if you're building a new house. There aren't any dedicated solar panel grants from the UK Government.

How many kilowatts is a solar panel in the UK?

The average domestic solar panel system in the UK is around 3.5 kilowatt peak (kWp). Pitch. This is the angle at which your roof faces the sun. According to the Energy Saving Trust, the best angle for solar panels in the UK is somewhere between 30° and 40°. However, this varies depending on where in the UK you live. Export.



## UK electricity system solar panels

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