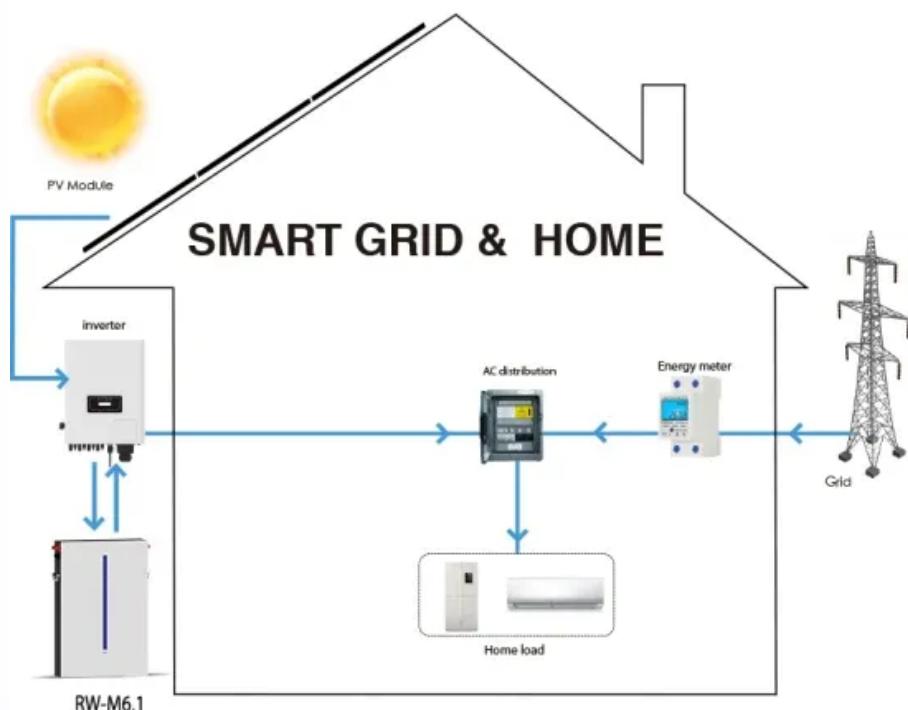


# UK thin film solar module prices



## Overview

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### What Are the Costs of Thin Film Solar Panels in the UK?

In 2025, thin film solar panels cost £0.40-£0.80 per watt, making a 3.5kWp system around £3,500 installed, roughly half the £6,100 for a standard crystalline setup, per the Energy Saving Trust. How much does a thin-film solar panel cost?

Midsummer Energy sells a range of thin-film solar panels, from 70 watts up to 500 watts. Prices start at £185 for its 70-watt Peel-and-Stick panels, which are ideal for caravans and narrowboats. The 500-watt panels will cost you £1,275 each, and have a 16% efficiency rating — higher than most thin-film panels.

### What are thin-film solar panels?

Thin-film solar panels are one of many different types of solar panels that can help cut costs and emissions. They have been around for more than four decades — and they're more accessible than ever. Their thinness gives them a unique advantage over standard solar panels, though that doesn't mean they're perfect.

### Which companies offer thin-film solar panels?

Here are a few companies that provide thin-film solar panels. Midsummer Energy sells a range of thin-film solar panels, from 70 watts up to 500 watts. Prices start at £185 for its 70-watt Peel-and-Stick panels, which are ideal for caravans and narrowboats.

### Are thin film solar panels sustainable?

Manufacturing thin film panels generates approximately 50% fewer carbon emissions than conventional silicon-based panels. For those prioritizing sustainability in solar adoption, thin films offer a greener production footprint which makes them a preferred choice for eco-conscious builders and projects seeking LEED or green certification. 3.

## How are thin film solar panels made?

Thin film solar panels, also called thin film photovoltaic solar panels, are made by depositing one or more layers of photovoltaic material onto a substrate like glass, plastic, or metal. These layers are incredibly slim, around 1 micron ( $1\mu\text{m}$ ) compared to 300 microns in traditional silicon wafers.

## Are thin-film solar panels better than crystalline silicon solar panels?

Despite their advantages, thin-film solar panels are much less efficient compared to traditional crystalline silicon solar panels, so you'll need more of them to produce the same amount of electricity.

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