

# Solar panels to replace tiles





## Overview

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Are solar roof tiles a viable alternative to traditional solar panels?

Solar roof tiles could be the answer if you're looking to utilise the sun's power and make use of a sustainable alternative for your energy needs. This article explores the costs, pros, and cons of solar roof tiles in 2025 and helps you understand how they differ from traditional solar panels.

Are solar panels better than roof tiles?

Solar panels, that is solar panels on slate roofs, are still the better investment overall compared to solar roof tiles. Roof tiles are expensive because you are ultimately installing a new roof, and while they look great, they can be less efficient than solar panels.

How do solar roof tiles work?

Unlike traditional solar panels, which are mounted on top of existing roofs, solar roof tiles seamlessly integrate into the roof's structure, providing an aesthetically pleasing and efficient energy solution. They are also referred to as integrated solar panels. How do photovoltaic roof tiles work?

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Can solar tiles be used on a roof?

They are also fantastic for complex roofs with cross-gables, dormer windows, sloped gables, and other non-standard pitched roofs. In most cases, using solar tiles enables significantly larger solar installations (in terms of area) compared to traditional solar panels.



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### [Solar Roof Tiles in the UK: Costs, Pros + Cons in 2025](#)

What Are Solar Roof tiles? PV Tiles Explained  
Solar Roof Tiles Costs in The UK  
Pros and Cons of Solar Roof Tiles in 2024  
What Is The Difference Between Solar Tiles and Solar Panels?  
Solar Panel Roof Tile Manufacturers in The UK  
Are Solar Roof Tiles Worth It in The UK? A Conclusion  
FAQs  
Regarding harnessing solar energy, there are two main options: solar tiles vs solar panels. Both solutions offer the benefits of renewable energy but differ in design, installation, and functionality. Let's see the key differences between solar tiles and solar panels, helping you understand which option may best fit your needs. See more on [solarguide .uk](#)  
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### [Solar panels \(and a new roof\) vs. solar tiles: How to compare?](#)

Oct 1, 2024 · Solar panels vs. solar tiles was originally published in the Q3 2024 edition of Solar Builder magazine. , What happens when your customer is interested in going solar, but they ...



### [Solar Roof Tiles: The Ultimate Guide to Solar Shingles in 2025](#)



Nov 8, 2025 · Solar roof tiles represent the cutting edge of building-integrated photovoltaic (BIPV) technology, offering homeowners a revolutionary way to generate clean energy without ...

### [Solar Roof Tiles 2025 . Costs & Benefits Explained](#)

Jul 1, 2025 · Solar roof tiles work the same as solar panels, but are more discreet. An average 3.5 kW solar roof tile system will cost you £9,500. Solar roof tiles have an efficiency rating of ...



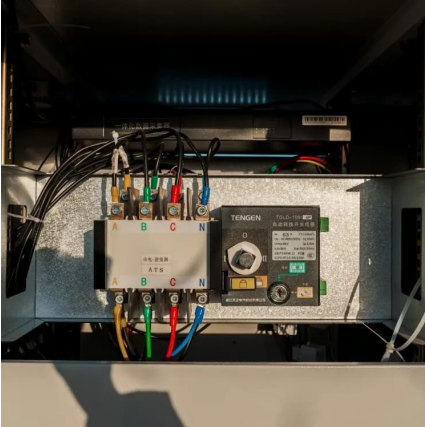
### [How to replace the tiles under the solar panel . NenPower](#)

Apr 25, 2024 · Moreover, failing to replace defective tiles can also void warranties--both for roofing and solar panel systems. Manufacturers often stipulate that regular maintenance, ...

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### [Solar Roof Tiles in the UK: Costs, Pros + Cons in 2025](#)

This article explores the costs, pros, and cons of solar roof tiles in 2025 and helps you understand how they differ from traditional solar panels. By the end, you'll have all the information you ...

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