
Price of new solar tiles

How much does a solar roof tile system cost?

To give you an idea, the average 3.5 kW solar roof tile system will cost around $\$13,000$, compared to approximately $\$7,000$ for a regular PV system.

However, remember that you are also getting a new roof with your solar tiles, so a direct price comparison is slightly misleading. Information last updated in April 2025.

What are solar tiles?

Solar tiles are roofing materials that can produce energy directly from sunlight. Solar tiles are integrated into the roof itself and function as both a roofing substance and a source of energy, as opposed to conventional solar panels, which are mounted on top of an existing roof.

Are Tesla Solar Roof tiles available in the UK?

Tesla solar roof tiles aren't currently available in the UK, and it's unclear when, if at all, they will be. If Tesla solar roof tiles become available, the company said they will cost $\$21.85$ ($\$17.23$) per square foot. That's equivalent to $\$235.12$ ($\$185.37$) per square metre.

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.

Are you considering solar roof tiles for your home but feeling overwhelmed by the options?

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How much do solar roof tiles cost? When it comes to cost, a good rule of thumb is that solar roof tile installations are approximately double that of more traditional solar systems. ...

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