

Solar Storage Container Solutions

How much does it cost to replace photovoltaic roof tiles



Overview

The average cost of solar panel roof tiles is \$15 to \$35 per square foot, including installation. The cost depends on the brand, the size of the roof, and individual energy requirements. 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.

How much does a solar roof renovation cost?

Having solar panels on your roof can complicate roof renovations, and this is likely to increase the cost of the work. According to Vivify Roofing, solar panels are often removed prior to any roof renovation work, and replaced upon completion. The company states that this could add between \$700 to \$2,000 to the quote.

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 solar roof tiles right for You?

Solar roof tiles are ideal for those who want the benefits of renewable energy without the traditional look of solar panels. Benefits include, but are not limited to: Lower energy bills: Solar panels reduce reliance on grid electricity, significantly cutting monthly energy costs.

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.

What are solar roof tiles?

Just like solar panels, solar roof tiles convert sunlight into electricity, but they're made to look just like traditional roof tiles. Some models are actual roof tiles with integrated solar cells.

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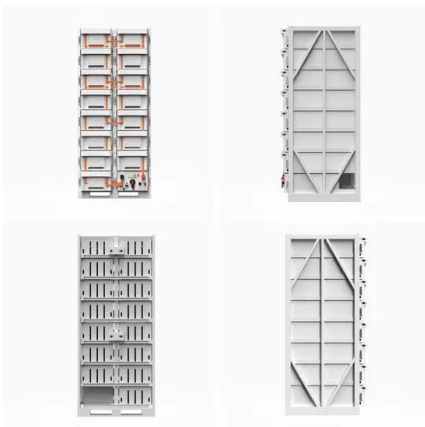
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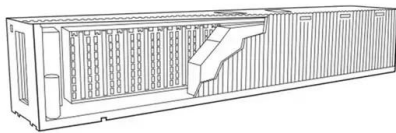
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