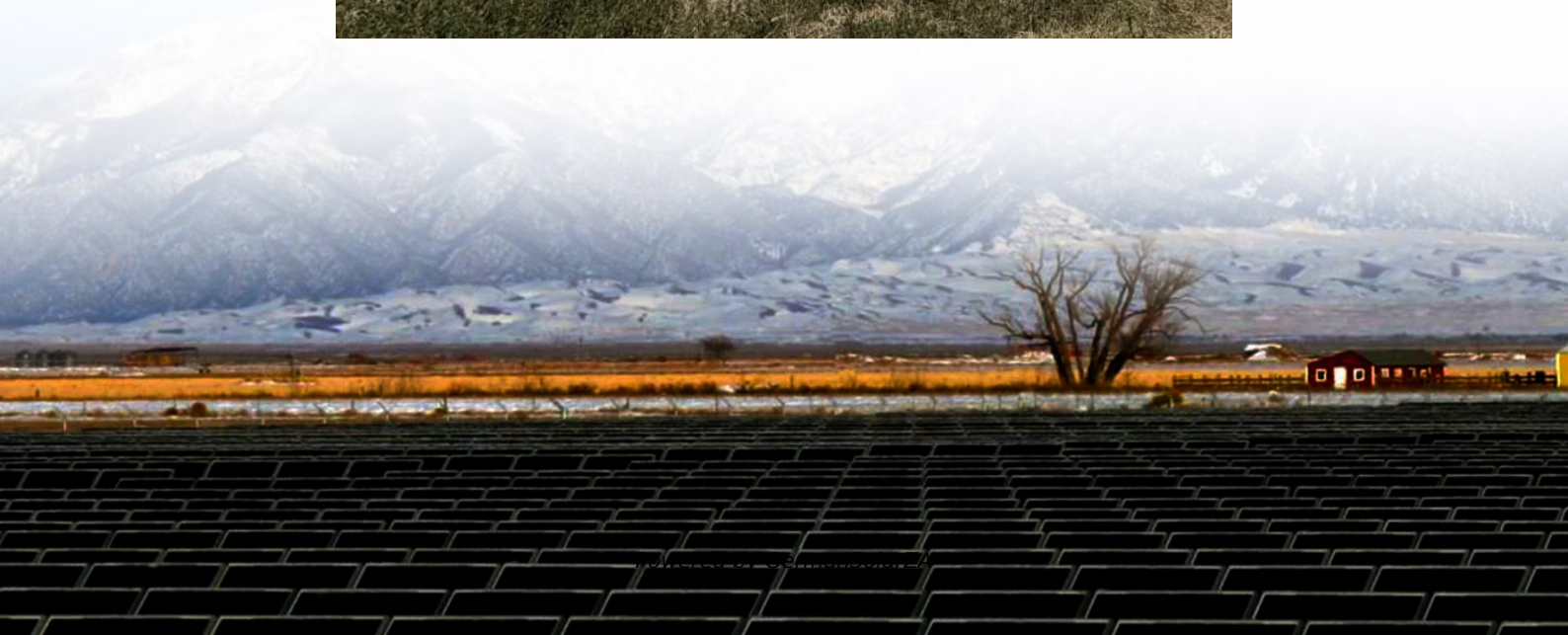


Solar panels as roof tiles





Overview

What is a solar roof?

Solar Roof is comprised of both glass solar tiles and steel roofing tiles. Glass solar tiles produce energy, while architectural-grade steel tiles add longevity and corrosion resistance to your roof. Both are durable, strong and engineered for all-weather protection.

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 solar roof tiles a good choice?

Glass solar tiles produce energy, while architectural-grade steel tiles add longevity and corrosion resistance to your roof. Both are durable, strong and engineered for all-weather protection. With a 25-year warranty, Solar Roof will continue to produce clean energy and protect your home for decades to come.

How do solar tiles work?

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. Photovoltaic cells in solar tiles turn sunlight into direct current (DC) energy.



Solar panels as roof tiles



Solar Powered Roof Tiles

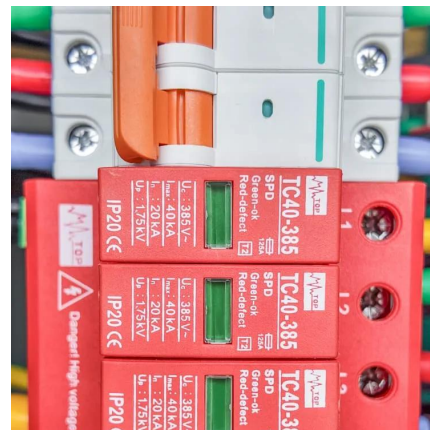
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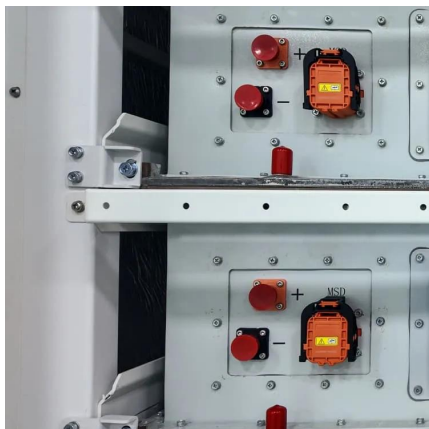
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Just like solar panels, solar roof tiles convert sunlight into electricity, but they're made to look just like traditional roof tiles. Some models are actual roof tiles with integrated solar cells.

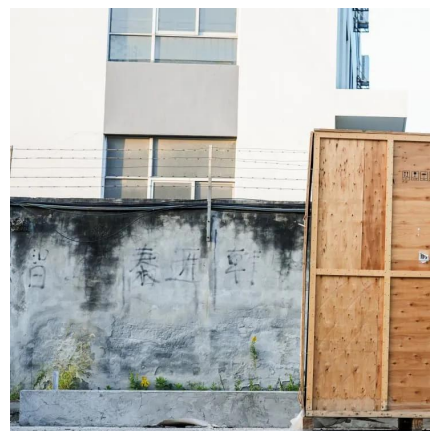
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Just like solar panels, solar roof tiles convert sunlight into electricity, but they're made to look just like traditional roof tiles. Some models are actual roof tiles with integrated solar cells.

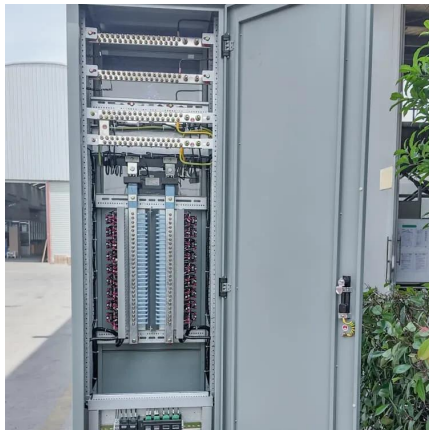
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In contrast, solar roof tiles (SRTs), due to their unique series-parallel configuration, are prone to hotspot creation and system failure, even in the absence of bypass diodes.

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