

# What does solar shingles mean





## Overview

---

What are solar shingles?

Solar shingles are an integrated photovoltaic (PV) building product, which means they directly generate electricity from sunlight. They're made with specific materials that naturally undergo an electronic process in the presence of sunlight. From a distance, they look like ordinary roof shingles. But up close, it's obvious they're more than that.

Are solar shingles the same as solar panels?

Solar shingles are made of the same materials as those used in regular solar panels, including wire, a photosensitive waterproof product to protect the roof from outdoor elements, and material that can generate an electric current in sunlight. In fact, solar shingles and solar panels operate the same way and are overall quite similar.

How do Solar shingles work?

Solar panels have one function: They generate electricity. But solar shingles serve a dual purpose -- they generate electricity and act as shingles, which makes them less expensive in the long run. If you're curious how solar shingles work, turn to the next page to learn about their interesting technical aspects.

Can solar shingles be installed on a roof?

Solar shingles can be installed on a roof that can support their weight, but their energy efficiency depends on the roof slope and direction. Solar panels can be installed on any kind of roof that can hold their weight, but solar shingles have specific requirements.



## What does solar shingles mean

---

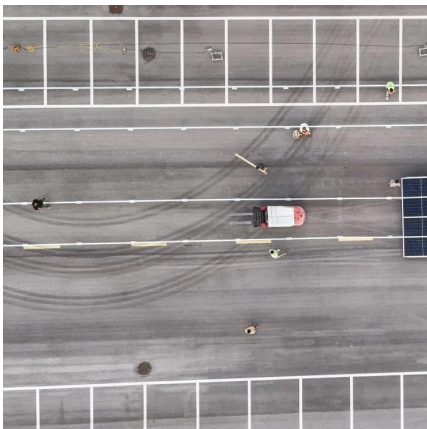


### Solar Shingles

Oct 8, 2025 · In conclusion, solar shingles are a versatile and attractive option for homeowners looking to harness the power of solar energy. With their ability to generate electricity, reduce ...

### What Are Solar Shingles and How Do They Work?

Jul 8, 2025 · Solar shingles are emerging as an alternative to solar panels for residential solar power systems. Learn about their benefits, disadvantages & how they work.



### What are Solar Shingles and How they work and Compare?

Dec 2, 2022 · Solar shingles are small solar panels designed to resemble and replace traditional roofing materials, such as asphalt shingles, with energy-generating alternatives. Rather than ...

### Solar Shingles: A Comprehensive Overview

Dec 29, 2024 · Solar shingles, also known as photovoltaic shingles, are an innovative roofing material that combines the functionality of traditional shingles with the power-generating ...





### [What are Solar Shingles? \(with pictures\)](#)

May 23, 2024 · The most popular types of solar shingles are those made of crystalline solar cells combined with conventional asphalt shingles. These are made of silicone wafers and are ...



### [What Are Solar Shingles and How Do They Work?](#)

Jul 8, 2025 · Solar shingles are emerging as an alternative to solar panels for residential solar power systems. Learn about their benefits, disadvantages & how they work.



### [Solar Shingles: Pros, Cons, How to Choose in 2025](#)

Mar 22, 2024 · Solar shingles are roof shingles made of photovoltaic cells, the same material on solar panels. They typically cost about \$35,000 to \$75,000 for a full roof.





## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://llsolarenergy.co.za>

### Scan QR Code for More Information



<https://llsolarenergy.co.za>