

# US Solar Shingles Market Size Study, by Type (Silicon Solar Shingles, Copper – Indium – Gallium – Selenide (CIGS) Solar Shingles, Others), by Roofing Type (New Roofing, Reroofing) by End User (Residential, Commercial, Industrial) Forecasts 2022-2032

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## Abstracts

US Solar Shingles Market is valued approximately USD 76.03 million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.19% over the forecast period 2024-2032. Solar shingles, also known as solar roof tiles or photovoltaic (PV) shingles, are an innovative type of solar panel designed to resemble and function as conventional roofing materials, such as asphalt shingles or slate. Solar shingles are installed directly onto the roof, seamlessly integrating with the overall architectural design of the building. Each solar shingle contains photovoltaic cells that convert sunlight into electricity, which can be used to power the home or building or stored for later use. Solar shingles are typically made of durable materials like tempered glass or polymers, ensuring they can withstand various weather conditions while maintaining their energy-generating capabilities. Advances in solar technology and manufacturing processes are driving innovation in the design and efficiency of solar shingles in US Solar Shingles Market. Manufacturers are continually improving the performance, durability, and aesthetics of solar shingles to meet the evolving needs of consumers and the market.

The US Solar Shingles Market is driven by rising demand for renewable energy solutions as consumers and businesses seek to reduce their carbon footprint and mitigate the impacts of climate change. Solar shingles offer an attractive option for generating clean, renewable energy while also providing protection from the elements as a roofing material. Additionally, supportive government policies and incentives at the

federal, state, and local levels are driving market growth. These policies include tax credits, rebates, and net metering programs that make solar energy more accessible and affordable for consumers and businesses alike. Furthermore, technological advancements and innovations in solar shingle design and manufacturing are improving the efficiency, durability, and aesthetics of solar shingles, making them more attractive to consumers. Manufacturers are continually investing in research and development to enhance the performance of solar shingles and reduce their cost, further driving market growth. Additionally, partnerships and collaborations between solar shingle manufacturers, roofing companies, and construction firms are helping to streamline installation processes and expand market reach, making solar shingles more accessible to consumers across the country. However, high cost associated to installing of Solar Shingles is going to impede the overall demand for the market during the forecast period 2024-2032.

Major market player included in this report are:

Tesla, Inc  
CertainTeed LLC  
Sunflare  
SunTegra Solar  
GAF Energy LLC  
Company 6  
Company 7  
Company 8  
Company 9  
Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Silicon Solar Shingles

Copper – Indium – Gallium – Selenide (CIGS) Solar Shingles

Others

By Roofing Type:

New Roofing

Reroofing

By End User:

Residential  
Commercial  
Industrial

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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