

Asia Pacific 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) and Country Forecasts 2022-2032

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Abstracts

Asia Pacific Solar Shingles Market is valued approximately USD 127.09 million in 2023 and is anticipated to grow with a healthy growth rate of more than 8.05% over the forecast period 2024-2032. Solar shingles are specialized solar panels meticulously crafted to seamlessly blend into traditional asphalt roofing found on residential or commercial structures, preserving their aesthetic appeal. These innovative panels are installed akin to standard asphalt roofing, serving the dual purpose of safeguarding against rainfall while harnessing solar energy. Characterized by their slim profile, typically less than an inch thick, and smaller dimensions resembling conventional roof tiles, solar shingles discreetly integrate into existing roof designs. The key advantage of solar shingles lies in their ability to impart a contemporary aesthetic to conventional solar panels while augmenting energy generation to curtail utility expenses. As energy demand continues to rise in the Asia Pacific region, there is a growing focus on energy independence and resilience. Solar shingles offer homeowners and businesses the opportunity to generate their own clean electricity, reducing reliance on the grid and mitigating energy security concerns is gaining attraction in Asia Pacific Solar Shingles Market.

The Asia Pacific Solar Shingles Market is driven by rapid urbanization and increasing construction activity in countries such as China, India, and Japan are fueling the

demand for sustainable building solutions. Solar shingles, with their ability to seamlessly integrate into conventional roofing while generating clean energy, are becoming increasingly popular in both residential and commercial sectors. Secondly, supportive government policies and incentives aimed at promoting renewable energy adoption are propelling market growth. Subsidies, tax credits, and feed-in tariffs encourage investments in solar power systems, including solar shingles, making them more accessible and affordable to consumers. Moreover, technological advancements and innovations in solar shingle design and manufacturing are enhancing their efficiency, durability, and aesthetics, further driving market demand. Additionally, increasing environmental awareness and concerns about climate change are prompting consumers to seek eco-friendly and sustainable alternatives. Solar shingles offer a practical solution for reducing carbon footprints and mitigating environmental impact while providing energy savings. However, high upfront cost of solar shingles installation and rising adoption of traditional solar panels is going to impede the overall demand for the market during the forecast period 2024-2032.

The key Countries considered for the Asia Pacific Solar Shingles market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, Japan was the largest regional market in terms of revenue owing to factors such as commitment to renewable energy and sustainability, driven by concerns over energy security and environmental pollution. The government has implemented supportive policies and incentives, such as feed-in tariffs and subsidies, to promote the adoption of solar energy, including solar shingles. These initiatives have created a favorable investment climate for solar power systems, making Japan a lucrative market for solar shingle manufacturers and developers. Additionally, Japan's dense urban population and limited space for ground-mounted solar installations have spurred interest in building-integrated photovoltaic (BIPV) solutions such as solar shingles. With its advanced technological capabilities and high-quality manufacturing standards, Japan has become a hub for innovation in solar technology, driving the development of efficient and aesthetically pleasing solar shingles across the region. Furthermore, the market in India, on the other hand, is expected to develop at the fastest rate over the forecast period 2024-2032.

Major market player included in this report are:

Panasonic Corporation

Sharp Corporation

Kyocera Corporation

Hanwha Q CELLS Co., Ltd.

Trina Solar Limited

JinkoSolar Holding Co., Ltd.
JA Solar Holdings Co., Ltd.
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?

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

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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