

Global Solar Rooftop Market - Forecasts from 2019 to 2024

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Abstracts

The global solar rooftop market is projected to grow at a CAGR of 18.36% during the forecast period. This market is driven by the widespread adoption of renewable sources of generation, especially solar photovoltaic (PV) generation. The increasing deployment of the bi-directional metering system along with remote monitoring systems for solar rooftop generation is significantly increasing the efficiency of the distributed generation. Moreover, favorable government regulations and initiatives for promoting clean and green sources of power generation are heightening the market growth for solar rooftop across all geographical regions. Government policies such as rebate in income tax and subsidies to renewable power generators are attracting many small and big market players into this market. Easy availability of soft loans by banks and long loan payback period are significantly driving the growth for solar rooftop market. Furthermore, the declining cost for storage systems such as batteries is contributing to decreasing the Levelized Cost of Electricity (LCOE), thus positively impacting the adoption of solar rooftops worldwide. Geographically, Asia Pacific will witness the fastest growth in solar rooftop during the forecast period owing to the increasing enhancement in the grid infrastructure coupled with increasing residential and commercial complexes. Moreover, consumer inclination towards the usage of clean and green power coupled with favorable government policies and regulations are triggering the overall growth of the solar roof-top market in this region.

DRIVERS

Growing demand for clean energy

Rising cases of grid outages

Supportive government policies and initiatives

RESTRAINTS

Overcapacity of solar panels

INDUSTRY UPDATE

In January 2019, India's largest solar energy company, Tata Power Solar launched a complete residential solar rooftop solution in Gujarat in India.

Recently in April 2019, Malaysian state-owned oil and gas company Petronas has acquired a Singapore-based solar energy company, Amplus Energy Solutions, as a part of its strategy to enter into the renewable energy market.

The major players profiled in the Global Solar Rooftop market include Insolergy Technologies Private Limited, Trina Solar, Sharp Corporation, GAF Energy, and SunPower Corporation among others.

Segmentation

The global solar rooftop market has been analyzed through the following segments:

By Grid Connectivity

On-Grid

Off-Grid

By End Use

Residential

Commercial

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

United Kingdom

Germany

France

Spain

Others

Middle East and Africa

Saudi Arabia

Israel

Others

Asia Pacific

China

Japan

Australia

India

Others

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