

Global Rooftop Solar Photovoltaic (PV) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Rooftop Solar Photovoltaic (PV) market size was valued at US\$ 14640 million in 2024 and is forecast to a readjusted size of USD 23580 million by 2031 with a CAGR of 7.1% during review period.

A rooftop photovoltaic power station, or rooftop PV system, is a photovoltaic system that has its electricity-generating solar panels mounted on the rooftop of a residential or commercial building or structure.

Asia-Pacific is the largest market with about 62% market share. North America is follower, accounting for about 18% market share.

The key players are JinkoSolar, Yingli, JA Solar, Canadian Solar, Trina Solar, Hanwha Solutions, Sharp, Solarworld, Eging PV, SunPower, Risen, Kyocera Solar, GCL System, Longi Solar, First Solar etc. Top 3 companies occupied about 36% market share.

This report is a detailed and comprehensive analysis for global Rooftop Solar Photovoltaic (PV) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Rooftop Solar Photovoltaic (PV) market size and forecasts, in consumption value (\$ Million), sales quantity (MW), and average selling prices (USD/KW), 2020-2031

Global Rooftop Solar Photovoltaic (PV) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MW), and average selling prices (USD/KW), 2020-2031

Global Rooftop Solar Photovoltaic (PV) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MW), and average selling prices (USD/KW), 2020-2031

Global Rooftop Solar Photovoltaic (PV) market shares of main players, shipments in revenue (\$ Million), sales quantity (MW), and ASP (USD/KW), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Rooftop Solar Photovoltaic (PV)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Rooftop Solar Photovoltaic (PV) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include JinkoSolar, Yingli, JA Solar, Canadian Solar, Trina Solar, Hanwha Solutions, Sharp, Solarworld, Eging PV, SunPower, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Rooftop Solar Photovoltaic (PV) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and

forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Mono-Si Modules

Multi-Si Modules

Thin Film Modules

Market segment by Application

Residential

Commercial

Major players covered

JinkoSolar

Yingli

JA Solar

Canadian Solar

Trina Solar

Hanwha Solutions

Sharp

Solarworld

Eging PV

SunPower

Risen

Kyocera Solar

GCL System

Longi Solar

First Solar

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Rooftop Solar Photovoltaic (PV) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Rooftop Solar Photovoltaic (PV), with price, sales quantity, revenue, and global market share of Rooftop Solar Photovoltaic (PV) from 2020 to 2025.

Chapter 3, the Rooftop Solar Photovoltaic (PV) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Rooftop Solar Photovoltaic (PV) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Rooftop Solar Photovoltaic (PV) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Rooftop Solar Photovoltaic (PV).

Chapter 14 and 15, to describe Rooftop Solar Photovoltaic (PV) sales channel, distributors, customers, research findings and conclusion.

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