

# Global Distributed PV Generation Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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#### **Abstracts**

According to our (Global Info Research) latest study, the global Distributed PV Generation market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

In the Chinese market, the major players of distributed PV generation include Longi Green Energy, JA Solar Technology Co., Ltd., Trina Solar Co., Ltd., CSI Solar Co., Ltd., Jinko Solar Co., Ltd. and Astronergy, etc., and the top five players occupy about 82% of the market share. In terms of product types, single-sided modules are the largest market segment with a 76 percent share, and in terms of applications, commercial PV systems have the largest share at about 51 percent.

The Global Info Research report includes an overview of the development of the Distributed PV Generation industry chain, the market status of Household Photovoltaic System (Single Sided Module, Double Sided Module), Commercial Photovoltaic System (Single Sided Module, Double Sided Module), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Distributed PV Generation.

Regionally, the report analyzes the Distributed PV Generation markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Distributed PV Generation market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### **Key Features:**



The report presents comprehensive understanding of the Distributed PV Generation market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Distributed PV Generation industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (MW), revenue generated, and market share of different by Type (e.g., Single Sided Module, Double Sided Module).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Distributed PV Generation market.

Regional Analysis: The report involves examining the Distributed PV Generation market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Distributed PV Generation market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Distributed PV Generation:

Company Analysis: Report covers individual Distributed PV Generation manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Distributed PV Generation This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Household Photovoltaic System, Commercial Photovoltaic System).



Technology Analysis: Report covers specific technologies relevant to Distributed PV Generation. It assesses the current state, advancements, and potential future developments in Distributed PV Generation areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Distributed PV Generation market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Distributed PV Generation market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Single Sided Module

**Double Sided Module** 

Market segment by Application

Household Photovoltaic System

Commercial Photovoltaic System

Others

Major players covered

LONGi Green Energy Technology Co., Ltd.

JA Solar Technology Co., Ltd.



Trina Solar Co., Ltd.

CSI Solar Co., Ltd.

Jinko Solar Co., Ltd.

Astronergy

Jiangsu Seraphim Solar System Co., Ltd.

Talesun Solar Co., Ltd.

Jiangsu Sunport Power Corp., Ltd.

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 Distributed PV Generation product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Distributed PV Generation, with price, sales, revenue and global market share of Distributed PV Generation from 2019 to 2024.



Chapter 3, the Distributed PV Generation competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Distributed PV Generation breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023.and Distributed PV Generation market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Distributed PV Generation.

Chapter 14 and 15, to describe Distributed PV Generation sales channel, distributors, customers, research findings and conclusion.



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