

DG Rooftop Solar PV Market Is Set To Fly High Growth In Years To Come | First Solar, Kyocera Solar, SunPower

Stay up to date with DG Rooftop Solar PV Market research offered by HTF MI. Check how key trends and emerging drivers are shaping this industry growth.

PUNE, MAHARASHTRA, INDIA, July 23, 2024 /EINPresswire.com/ -- According to HTF Market Intelligence, the [Global DG Rooftop Solar PV market](#) to witness a CAGR of 9.52% during the forecast period (2024-2030). The Latest Released DG Rooftop Solar PV Market Research assesses the future growth potential of the DG Rooftop Solar PV market and provides information and useful statistics on market structure and size. This report aims to provide market intelligence and strategic insights to help decision-makers make sound investment decisions and identify potential gaps and growth opportunities.



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The DG Rooftop Solar PV market size is estimated to reach by USD 14.5 Billion at a CAGR of 9.52% by 2030. The Current market value is pegged at USD 8.79 Billion.”

Nidhi Bhawsar

Additionally, the report identifies and analyses the changing dynamics and emerging trends along with the key drivers, challenges, opportunities and constraints in the DG Rooftop Solar PV market. The DG Rooftop Solar PV market size is estimated to reach by USD 14.5 Billion at a CAGR of 9.52% by 2030. The report includes historic market data from 2019 to 2023. The Current market value is pegged at USD 8.79 Billion.

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The Major Players Covered in this Report: First Solar (United States), Yingli (China), Kyocera Solar (Japan), Trina Solar (China), Risen (China), Jinko Solar (China), Canadian Solar (Canada), JA Solar (China), Hanwha Q CELLS (South Korea), SunPower Corporation (United States), Sharp Corporation (Japan), SolarWorld (Germany)

Definition:

The Distributed Generation (DG) Rooftop Solar Photovoltaic (PV) market refers to the segment of the solar energy industry that involves the installation of solar panels on the rooftops of residential, commercial, and industrial buildings to generate electricity at the point of use. This form of generation is typically connected to the local grid and can provide power directly to the building where it is installed or feed excess power back into the grid.

Market Trends:

- Improvements in solar panel efficiency, energy storage solutions, and smart grid technology.
- Increased support through subsidies, tax credits, and renewable energy mandates.
- Growing interest in reducing dependence on grid electricity and fossil fuels.
- Rising concern for environmental sustainability and reduction of carbon footprints.

Market Drivers:

- Need for energy security and diversification of energy sources.
- Rising grid electricity prices making rooftop solar more attractive.
- Ongoing innovation and improvements in solar technology.
- Growing consumer awareness and demand for clean energy solutions.

Market Opportunities:

- Potential to provide electricity in remote and underserved areas.
- Growth in the market for solar battery storage systems.
- Enhancing grid stability and reliability through distributed generation.
- Opportunities for employment in installation, maintenance, and manufacturing.

Market Challenges:

- Technical challenges related to integrating distributed generation with the existing grid.
- Solar power's intermittent nature requiring effective energy storage solutions.
- Variability and uncertainty in government policies and incentives.
- Highly fragmented market with numerous small players.

Market Restraints:

- Difficulty in accessing financing for large-scale rooftop solar projects.
- Competition from other renewable energy sources like wind and hydro.
- Concerns regarding the long-term reliability and maintenance of solar PV systems.
- Economic viability in regions with lower solar insolation.

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The titled segments and sub-sections of the market are illuminated below:

In-depth analysis of DG Rooftop Solar PV market segments by Types: Crystalline Silicon, Thin Film

Detailed analysis of DG Rooftop Solar PV market segments by Applications: Non-residential, Residential

Major Key Players of the Market: First Solar (United States), Yingli (China), Kyocera Solar (Japan), Trina Solar (China), Risen (China), Jinko Solar (China), Canadian Solar (Canada), JA Solar (China), Hanwha Q CELLS (South Korea), SunPower Corporation (United States), Sharp Corporation (Japan), SolarWorld (Germany)

Geographically, the detailed analysis of consumption, revenue, market share, and growth rate of the following regions:

- The Middle East and Africa (South Africa, Saudi Arabia, UAE, Israel, Egypt, etc.)
- North America (United States, Mexico & Canada)
- South America (Brazil, Venezuela, Argentina, Ecuador, Peru, Colombia, etc.)
- Europe (Turkey, Spain, Turkey, Netherlands Denmark, Belgium, Switzerland, Germany, Russia UK, Italy, France, etc.)
- Asia-Pacific (Taiwan, Hong Kong, Singapore, Vietnam, China, Malaysia, Japan, Philippines, Korea, Thailand, India, Indonesia, and Australia).

Objectives of the Report:

- To carefully analyse and forecast the size of the DG Rooftop Solar PV market by value and volume.
- To estimate the market shares of major segments of the DG Rooftop Solar PV market.
- To showcase the development of the DG Rooftop Solar PV market in different parts of the world.
- To analyse and study micro-markets in terms of their contributions to the DG Rooftop Solar PV market, their prospects, and individual growth trends.
- To offer precise and useful details about factors affecting the growth of the DG Rooftop Solar PV market.
- To provide a meticulous assessment of crucial business strategies used by leading companies operating in the DG Rooftop Solar PV market, which include research and development, collaborations, agreements, partnerships, acquisitions, mergers, new developments, and product launches.

Global DG Rooftop Solar PV Market Breakdown by Application (Non-residential, Residential) by Type (Crystalline Silicon, Thin Film) and by Geography (North America, South America, Europe, Asia Pacific, MEA)

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Key takeaways from the DG Rooftop Solar PV market report:

- Detailed consideration of DG Rooftop Solar PV market-particular drivers, Trends, constraints, Restraints, Opportunities, and major micro markets.
- Comprehensive valuation of all prospects and threats in the
- In-depth study of industry strategies for growth of the DG Rooftop Solar PV market-leading players.
- DG Rooftop Solar PV market latest innovations and major procedures.
- Favourable dip inside Vigorous high-tech and market latest trends remarkable the Market.
- Conclusive study about the growth conspiracy of DG Rooftop Solar PV market for forthcoming years.

Major questions answered:

- What are influencing factors driving the demand for DG Rooftop Solar PV near future?
- What is the impact analysis of various factors in the Global DG Rooftop Solar PV market growth?
- What are the recent trends in the regional market and how successful they are?
- How feasible is DG Rooftop Solar PV market for long-term investment?

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Major highlights from Table of Contents:

DG Rooftop Solar PV Market Study Coverage:

- It includes major manufacturers, emerging player's growth story, and major business segments of Global DG Rooftop Solar PV Market Opportunities & Growth Trend to 2030 market, years considered, and research objectives. Additionally, segmentation on the basis of the type of product, application, and technology.
- Global DG Rooftop Solar PV Market Opportunities & Growth Trend to 2030 Market Executive Summary: It gives a summary of overall studies, growth rate, available market, competitive landscape, market drivers, trends, and issues, and macroscopic indicators.
- DG Rooftop Solar PV Market Production by Region DG Rooftop Solar PV Market Profile of Manufacturers-players are studied on the basis of SWOT, their products, production, value, financials, and other vital factors.

Key Points Covered in DG Rooftop Solar PV Market Report:

- DG Rooftop Solar PV Overview, Definition and Classification Market drivers and barriers
- DG Rooftop Solar PV Market Competition by Manufacturers
- DG Rooftop Solar PV Capacity, Production, Revenue (Value) by Region (2024-2030)
- DG Rooftop Solar PV Supply (Production), Consumption, Export, Import by Region (2024-2030)
- DG Rooftop Solar PV Production, Revenue (Value), Price Trend by Type {Crystalline Silicon, Thin Film}

- DG Rooftop Solar PV Market Analysis by Application {Non-residential, Residential}
- DG Rooftop Solar PV Manufacturers Profiles/Analysis DG Rooftop Solar PV Manufacturing Cost Analysis, Industrial/Supply Chain Analysis, Sourcing Strategy and Downstream Buyers, Marketing
- Strategy by Key Manufacturers/Players, Connected Distributors/Traders Standardization, Regulatory and collaborative initiatives, Industry road map and value chain Market Effect Factors Analysis.

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About Author:

HTF Market Intelligence Consulting is uniquely positioned to empower and inspire with research and consulting services to empower businesses with growth strategies, by offering services with extraordinary depth and breadth of thought leadership, research, tools, events, and experience that assist in decision-making.

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