

# Global Grid-connected Photovoltaic System Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G8E0CBF33A4BEN.html>

Date: February 2023

Pages: 121

Price: US\$ 3,480.00 (Single User License)

ID: G8E0CBF33A4BEN

## Abstracts

According to our (Global Info Research) latest study, the global Grid-connected Photovoltaic System market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The solar photovoltaic power generation system connected to the public grid is called a grid-connected photovoltaic power generation system. The system structure includes solar cell arrays, DC/DC converters, DC/AC inverters, AC loads, transformers and other components. The grid-connected photovoltaic power generation system can convert the direct current output by the solar cell array into alternating current with the same amplitude, frequency and phase as the grid voltage, and realize the connection with the grid and transmit electric energy to the grid.

This report is a detailed and comprehensive analysis for global Grid-connected Photovoltaic System 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 2023, are provided.

Key Features:

Global Grid-connected Photovoltaic System market size and forecasts, in consumption

value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Grid-connected Photovoltaic System market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Grid-connected Photovoltaic System market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Grid-connected Photovoltaic System market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 Grid-connected Photovoltaic System

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 Grid-connected Photovoltaic System market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SunPower, Zytech Solar, Ravano Green Powers, KYOCERA Corporation and Canadian Solar, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Grid-connected Photovoltaic System market is split by Type and by Application. For the period 2018-2029, 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

Solar Panels

Power Conditioning Unit

Grid-connected Equipment

Inverter

Others

### Market segment by Application

Residential

Commercial

Industry

Others

### Major players covered

SunPower

Zytech Solar

Ravano Green Powers

KYOCERA Corporation

Canadian Solar

SHARP

First Solar Inc

KANEKA CORPORATION

ReneSola Power

TRIENERGY Schweiz AG

SMA Solar Technology

GoodWe

Power Electronics

SolarEdge

TMEIC

Suntech Power Holdings Co., Ltd

Tongwei Co.,Ltd

Sungrow Power Supply Co.,Ltd

Ginlong Technologies Co.,Ltd

Guangdong Growatt New Energy Co., Ltd

Huawei Technologies Co., Ltd

Jinko Solar Co.,Ltd

SINENG ELECTRIC CO.,LTD

Trina Solar Limited

Market segment by region, regional analysis covers

*Global Grid-connected Photovoltaic System Market 2023 by Manufacturers, Regions, Type and Application, Forecas...*

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 Grid-connected Photovoltaic System product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Grid-connected Photovoltaic System, with price, sales, revenue and global market share of Grid-connected Photovoltaic System from 2018 to 2023.

Chapter 3, the Grid-connected Photovoltaic System competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Grid-connected Photovoltaic System breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Grid-connected Photovoltaic System market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Grid-connected Photovoltaic System.

Chapter 14 and 15, to describe Grid-connected Photovoltaic System sales channel, distributors, customers, research findings and conclusion.

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