

# **Solar Electric System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2017-2022**

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## **Abstracts**

A solar electric system, also known as photovoltaic system, converts the sun's radiation into usable electricity. It comprises of a methodological arrangement of several components, solar panels, solar inverter, and other electrical accessories to set up a working system. The solar panels absorb and convert the sunlight into electricity and the solar inverter converts the electric current from DC to AC. The latest report by IMARC Group titled, "Solar Electric System Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2017-2022", finds that the global solar electric system market reached a volume of more than 76 GW in 2016, growing at a CAGR of 40% during 2009-2016.

The market growth of solar electric system is accelerated primarily by energy efficiency and reduction in carbon footprints. The energy produced by a solar electric system is clean and does not release any harmful air or water pollution into the environment, deplete natural resources, or endanger animal or human health. As a result of this, governments are encouraging its use by providing rebate in taxes and conducting awareness programmes. According to the report, the market is further expected to reach a volume of 230 GW by 2022.

The report has segmented the market on the basis of types, which include crystal silicon and thin film solar electric systems. The report has also evaluated the market on the basis of end-use. The major end-use sectors of solar electric systems are commercial, residential, and power utilities. A segmentation of the market on a regional basis is also given, covering China, Japan, United States, Germany, Italy, and United Kingdom. Among these, China accounts for the majority of the total share, representing the largest market. An analysis of the competitive landscape provides the details of the key

players operative in the market. Some of the major players are Yingli Green, Trina Solar, Canadian Solar, Sharp Solar, and Jinko Solar.

This report provides a deep insight into the global solar electric system industry covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. The report also provides a comprehensive analysis for setting up a solar electric system manufacturing plant. The study analyses the processing and manufacturing requirements, project cost, project funding, project economics, expected returns on investment, profit margins, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the solar electric system industry in any manner.

#### Key Questions Answered in This Report:

How has the global solar electric system market performed so far and how will it perform in the coming years?

What are the key regional markets in the global solar electric system industry?

What are the key end-use segments in the global solar electric system industry?

What are the price trends of solar electric system?

What are the various stages in the value chain of the global solar electric system industry?

What are the key driving factors and challenges in the global solar electric system industry?

What is the structure of the global solar electric system industry and who are the key players?

What is the degree of competition in the global solar electric system industry?

What are the profit margins in the global solar electric system industry?

What are the key requirements for setting up a solar electric system

manufacturing plant?

How is solar electric system manufactured?

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