

# Global Solar System Market Report: 2016 Edition

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## Abstracts

This report provides detailed analysis of worldwide markets for Solar System from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Solar System market and further lays out an analysis of the factors influencing the supply/demand for Solar System, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

A photovoltaic system, also solar PV power system, or PV system, is a power system designed to supply usable solar power by means of photovoltaics. It consists of an arrangement of several components, including solar panels to absorb and convert sunlight into electricity, a solar inverter to change the electric current from DC to AC, as well as mounting, cabling and other electrical accessories to set up a working system. It may also use a solar tracking system to improve the system's overall performance and include an integrated battery solution, as prices for storage devices are expected to decline. Strictly speaking, a solar array only encompasses the ensemble of solar panels, the visible part of the PV system, and does not include all the other hardware, often summarized as balance of system (BOS). Moreover, PV systems convert light directly into electricity and shouldn't be confused with other technologies, such as concentrated solar power or solar thermal, used for heating and cooling.

PV systems range from small, rooftop-mounted or building-integrated systems with capacities from a few to several tens of kilowatts, to large utility-scale power stations of hundreds of megawatts. Nowadays, most PV systems are grid-connected, while off-grid or stand-alone systems only account for a small portion of the market.

GCC's report, Global Solar System Market Report: 2016 Edition, has been prepared

based on the synthesis, analysis, and interpretation of information about the global Solar System market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Solar System market are First Solar (USA), SunPower (USA), United Solar Ovonic (USA), Canadian Solar (Canada), Bosch (Germany), Conergy (Germany), Schott Solar (Germany), Q-Cells (Germany), Kyocera (Japan), Mitsubishi Electric (Japan), Panasonic (Japan), Sharp (Japan), Motech (Taiwan), Neo Solar Power (Taiwan), DelSolar (Taiwan), Suntech (China), Trina Solar (China), Yingli (China), China Sunergy (China), JA Solar Holdings (China), Hanergy (China).

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Solar System industry has been provided.

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## **DISCLAIMER**

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