

# **Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Dye-sensitized Solar Cells (DSSC) Market 2017 Forecast to 2022**

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## **Abstracts**

This report studies the Dye-sensitized Solar Cells (DSSC) market, A dye-sensitized solar cell (DSSC, DSC, DYSC) is a low-cost solar cell belonging to the group of thin film solar cells. It is based on a semiconductor formed between a photo-sensitized anode and an electrolyte, a photo electrochemical system. The modern version of a dye solar cell, also known as the DSSC, was originally co-invented in 1988 by Brian O'Regan and Michael Grätzel at UC Berkeley and this work was later developed by the aforementioned scientists at the École Polytechnique Fédérale de Lausanne until the publication of the first high efficiency DSSC in 1991. Michael Grätzel has been awarded the 2010 Millennium Technology Prize for this invention.

Scope of the Report:

This report focuses on the Dye-sensitized Solar Cells (DSSC) in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

GRENE

OPV Tech

3G Solar

Fujikura

G24 Power

Nissha

Exeger

Oxford Photovoltaics

Solaronix

Peccell

SolarPrint

Dyesol

Solaris Nanosciences

Jintex

Everlight Chemical

Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Type 1

Type 2

Market Segment by Applications, can be divided into

Portable Charging

BIPV/BAPV

Embedded Electronics

Others

There are 15 Chapters to deeply display the global Dye-sensitized Solar Cells (DSSC) market.

Chapter 1, to describe Dye-sensitized Solar Cells (DSSC) Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Dye-sensitized Solar Cells (DSSC), with sales, revenue, and price of Dye-sensitized Solar Cells (DSSC), in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Dye-sensitized Solar Cells (DSSC), for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, Dye-sensitized Solar Cells (DSSC) market forecast, by regions, type and

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application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe Dye-sensitized Solar Cells (DSSC) sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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