

NEW YORK, Sept. 11, 2013 /PRNewswire/ -- Reportlinker.com announces that a new market research report is available in its catalogue:

[Solar PV Modules - Market Size, Annual Production, Average Price, Competitive Landscape and Key Country Analysis to 2020](http://www.reportlinker.com/p01622969/Solar-PV-Modules---Market-Size-Annual-Production-Average-Price-Competitive-Landscape-and-Key-Country-Analysis-to-2020.html#utm_source=prnewswire&utm_medium=pr&utm_campaign=Solar_Photovoltaic) http://www.reportlinker.com/p01622969/Solar-PV-Modules---Market-Size-Annual-Production-Average-Price-Competitive-Landscape-and-Key-Country-Analysis-to-2020.html#utm_source=prnewswire&utm_medium=pr&utm_campaign=Solar_Photovoltaic

Solar PV Modules - Market Size, Annual Production, Average Price, Competitive Landscape and Key Country Analysis to 2020

Summary

"Solar PV Modules - Market Size, Annual Production, Average Price, Competitive Landscape and Key Country Analysis to 2020" is the latest report from GlobalData, the industry analysis specialists that offer comprehensive information and understanding of the global solar PV modules market. The report provides in depth analysis on global solar PV modules market. The report also provides solar PV module market analysis of key countries including the US, Germany, Italy, China,

Japan, Republic of Korea, Taiwan and India.

The research provides historical and forecast data to 2020 for installed capacity, power generation, average module price, market size and module production. The report also provides a share of major solar module producers in each of the countries. Additionally, the report provides the competitive analysis for major module manufacturers across the globe. The report also provides the market drivers and restraints for the global solar PV market.

The data and information contained in the report is sourced from proprietary databases, primary and secondary research and in-house analysis by GlobalData's team of industry experts.

Scope

- The report gives an introduction to solar PV modules, the different types and the differences among these types of modules.- The report provides the historic and forecasted market size of solar modules globally and in each of the key countries considered in the report the US, Germany, Italy, China,

Japan, Republic of Korea, Taiwan, and India.

- The report discusses the installed capacity of solar PV plants and the total generation from these plants globally and separately for each of the key countries.- The report also discusses the supply of these modules in terms of global production and production in each of the key

countries for the period 2006–2012.- The report mentions the major producers of solar PV modules globally and also at the country level for each of the key countries, and provides the production of each of these producers.- The report also discusses the major drivers and restraints to the growth of the solar PV modules market globally.

Reasons to buy

The report will enhance your decision making capability. It will allow you to - - Facilitate decision making based on strong historic and forecast data for the solar PV market- Develop strategies based on the latest market trends - Position yourself to maximize potential in the growth of the solar PV market- Identify key partners and business development avenues - Respond to your competitors' business structure, strategy and prospects

1 Table of Contents
51.1 List of Tables
91.2 List of Figures
122 Introduction
152.1 Solar Photovoltaic Technology
152.2 Types of Solar Modules
152.2.1 Crystalline Silicon Modules
152.2.2 Thin-film Technology
162.2.3 New Emerging Solar PV Technology
172.3 GlobalData Report Guidance
183 Solar PV Modules Market, Global
193.1 Solar PV Modules Market, Global, Overview
193.2 Solar PV Modules Market, Global, Installed Capacity, 2006–2020
203.3 Solar PV Modules Market, Global, Power Generation, 2006–2020
233.4 Solar PV Modules Market, Global, Production by Country, 2012
243.5 Solar PV Modules Market, Global, Module Price, 2006–2012
273.6 Solar PV Modules Market, Global, Market Size, 2006–2012
303.7 Solar PV Modules Market, Global, Production Share of Companies, 2012
313.8 Solar PV Modules Market, Global, Competitive Analysis, 2012
353.9 Solar PV Market, Global, Market Drivers
373.9.1 FITs and Other Financial Incentives
Guarantee Return on Investment to Solar Power Producers and Drive the Solar Module Market
373.9.2 Renewable Laws, Mandates and Policy Support Enable Global PV Market Development
373.9.3 Capital and Financial Support Drive PV Installations
383.10 Solar PV Market, Global, Market Restraints
393.10.1 PV Incentive Cuts in some of the Major PV Markets Expected to Hinder Market Growth in Europe

3.10.2 Supply–Demand Imbalance may Cause Oversupply Harming Module Manufacturers or Undersupply Affecting Project Proponents
403.10.3 Lack of Sufficient Grid Infrastructure could Hamper Growth in the PV Market
414 Solar PV Module Market, The US
424.1 Solar PV Module Market, the US, Overview
424.2 Solar PV Module Market, the US, Installed Capacity, 2006–2020
434.3 Solar PV Module Market, the US, Solar PV Power Generation, 2006–2020
454.4 Solar PV Modules Market, the US, Average Module Price, 2006–2020
474.5 Solar PV Modules Market, the US, Market Size, 2006–2020
494.6 Solar PV Modules Market, the US, Module Production, 2006–2012
514.7 Solar PV Modules Market, the US, Share of Major Producers, 2012
525 Solar PV Module Market, Germany
565.1 Solar PV Module Market, Germany
Overview
565.2 Solar PV Module Market, Germany

, Installed Capacity, 2006–2020 575.3 Solar PV Module Market,
Germany
, Solar PV Power Generation, TWh, 2006–2020 605.4 Solar PV Modules Market,
Germany
, Average Module Price, 2006–2020 625.5 Solar PV Modules Market,
Germany
, Market Size, 2006–2020 645.6 Solar PV Modules Market,
Germany
, Module Production, MW, 2006–2012 665.7 Solar PV Modules Market,
Germany
, Share of Major Producers, 2012 686 Solar PV Module Market,
Italy
726.1 Solar PV Module Market,
Italy
, Overview 726.2 Solar PV Module Market,
Italy
, Installed Capacity, 2006–2020 726.3 Solar PV Module Market,
Italy
, Solar PV Power Generation, 2006–2020 756.4 Solar PV Modules Market,
Italy
, Average Module Price, 2006–2020 776.5 Solar PV Modules Market,
Italy
, Market Size, 2006–2020 796.6 Solar PV Modules Market,
Italy
, Module Production, 2006–2012 816.7 Solar PV Modules Market,
Italy
, Share of Major Producers, 2012 827 Solar PV Module Market,
China
857.1 Solar PV Module Market,
China
, Overview 857.2 Solar PV Module Market,
China
, Installed Capacity, 2006–2020 867.3 Solar PV Module Market,
China
, Solar PV Power Generation, 2006–2020 877.4 Solar PV Modules Market,
China
, Average Module Price, 2006–2020 897.5 Solar PV Modules Market,
China
, Market Size, 2006–2020 927.6 Solar PV Modules Market,
China
, Module Production, 2006–2012 947.7 Solar PV Modules Market,
China
, Share of Major Producers, 2012 958 Solar PV Module Market,
Japan
998.1 Solar PV Module Market,
Japan

, Overview 998.2 Solar PV Module Market, Japan
, Installed Capacity, 2006–2020 1008.3 Solar PV Module Market, Japan
, Solar PV Power Generation, TWh, 2006–2020 1028.4 Solar PV Modules Market, Japan
, Average Module Price, 2006–2020 1048.5 Solar PV Modules Market, Japan
, Market Size, 2006–2020 1068.6 Solar PV Modules Market, Japan
, Module Production, 2006–2012 1088.7 Solar PV Modules Market, Japan
, Share of Major Producers, 2012 1099 Solar PV Module Market, Republic of Korea 1129.1 Solar PV Module Market, Republic of Korea, Overview 1129.2 Solar PV Module Market, Republic of Korea, Installed Capacity, 2006–2020 1139.3 Solar PV Module Market, Republic of Korea, Solar PV Power Generation, 2006–2020 1159.4 Solar PV Modules Market, Republic of Korea, Average Module Price, 2006–2020 1179.5 Solar PV Modules Market, Republic of Korea, Market Size, 2006–2020 1199.6 Solar PV Modules Market, Republic of Korea, Module Production, 2006–2012 1219.7 Solar PV Modules Market, Republic of Korea, Share of Major Producers, 2012 12210 Solar PV Module Market, Taiwan
12410.1 Solar PV Module Market, Taiwan
, Overview 12410.2 Solar PV Module Market, Taiwan
, Installed Capacity, 2006–2020 12510.3 Solar PV Module Market, Taiwan
, Solar PV Power Generation, 2006–2020 12710.4 Solar PV Modules Market, Taiwan
, Average Module Price, 2006–2020 12910.5 Solar PV Modules Market, Taiwan
, Market Size, 2006–2020 13110.6 Solar PV Modules Market, Taiwan
, Module Production, 2006–2012 13310.7 Solar PV Modules Market, Taiwan
, Share of Major Producers, 2012 13411 Solar PV Module Market, India
13811.1 Solar PV Module Market, India
, Overview 13811.2 Solar PV Module Market, India
, Installed Capacity, 2006–2020 13911.3 Solar PV Module Market, India
, Solar PV Power Generation, GWh, 2006–2020 14211.4 Solar PV Modules Market, India
, Average Module Price, 2006–2020 14411.5 Solar PV Modules Market,

India

, Market Size, 2006–2020 14611.6 Solar PV Modules Market,

India

, Module Production, 2006–2012 14811.7 Solar PV Modules Market,

India

, Share of Major Producers, 2012 14912 Appendix 15112.1 Abbreviations 15112.2 Bibliography

15212.3 Research Methodology 15312.3.1 Secondary Research 15312.3.2 Primary Research

15412.3.3 Market Estimates and Assumptions 15412.4 Disclaimer 155

1.1 List of Tables

Table 1: Solar Photovoltaic Module Market, Global, Installed Capacity, GW, 2006–2020 22Table

2: Solar Photovoltaic Module Market, Global, Power Generation, TWh, 2006–2020 24Table 3:

Solar Photovoltaic Module Market, Module Production by Country, MW, 2012 26Table 4: Solar

Photovoltaic Module Market, Global, Module Price, \$/W, 2006–2020 29Table 5: Solar

Photovoltaic Module Market, Global, Market Size, \$bn, 2006–2020 31Table 6: Solar

Photovoltaic Module Market, C-Si Module Production by Company, MW, 2012 33Table 7: Solar

Photovoltaic Module Market, Thin-film Module Production by Company, MW, 2012 34Table 8:

Solar Photovoltaic Module Market, Competitive Analysis, 2012 35Table 9: Solar Photovoltaic

Module Market, The US, Installed Capacity, GW, 2006–2020 44Table 10: Solar Photovoltaic

Module Market, The US, Power Generation (TWh), 2006–2020 46Table 11: Solar Photovoltaic

Module Market, The US, Average Module Price, \$/W, 2006–2020 48Table 12: Solar

Photovoltaic Module Market, The US, Market Size, \$bn, 2006–2020 50Table 13: Solar

Photovoltaic Module Market, The US, Module Production, MW, 2006–2012 52Table 14: Solar

Photovoltaic Module Market, The US, C-Si Module Production Share, MW, 2012 53Table 15:

Solar Photovoltaic Module Market, The US, Thin Film Module Production Share, MW, 2012

55Table 16: Solar Photovoltaic Module Market, Germany, Installed Capacity, GW, 2006–2020

59Table 17: Solar Photovoltaic Module Market,

Germany

, Power Generation (TWh), 2006–2020 61Table 18: Solar Photovoltaic Module Market,

Germany

, Average Module Price, \$/W, 2006–2020 63Table 19: Solar Photovoltaic Module Market,

Germany

, Market Size, \$bn, 2006–2020 65Table 20: Solar Photovoltaic Module Market,

Germany

, Module Production, MW, 2006–2012 67Table 21: Solar Photovoltaic Module Market,

Germany

, C-Si Module Production Share, MW, 2012 69Table 22: Solar Photovoltaic Module Market,

Germany

, Thin-film Module Production Share, MW, 2012 71Table 23: Solar Photovoltaic Module Market,

Italy

, Installed Capacity, GW, 2006–2020 74Table 24: Solar Photovoltaic Module Market,

Italy

, Power Generation, TWh, 2006–2020 76Table 25: Solar Photovoltaic Module Market,

Italy

, Average Module Price, \$/W, 2006–2020 78Table 26: Solar Photovoltaic Module Market,

Italy

, Market Size, \$bn, 2006–2020 80Table 27: Solar Photovoltaic Module Market,

Italy

, Module Production, MW, 2006–2012 82Table 28: Solar Photovoltaic Module Market,

Italy

, C-Si Module Production Share, MW, 2012 83Table 29: Solar Photovoltaic Module Market,

Italy

, Thin Film Module Production Share, MW, 2012 84

Table 30: Solar Photovoltaic Module Market, China, Installed Capacity, GW, 2006–2020

87Table 31: Solar Photovoltaic Module Market,

China

, Power Generation, TWh, 2006–2020 89Table 32: Solar Photovoltaic Module Market,

China

, Average Module Price, \$/W, 2006–2020 91Table 33: Solar Photovoltaic Module Market,

China

, Market Size, \$bn, 2006–2020 93Table 34: Solar Photovoltaic Module Market,

China

, Module Production, MW, 2006–2012 95Table 35: Solar Photovoltaic Module Market,

China

, C-Si Module Production Share, MW, 2012 97Table 36: Solar Photovoltaic Module Market,

China

, C-Si Module Production Share, MW, 2012 98Table 37: Solar Photovoltaic Module Market,

Japan

, Installed Capacity (GW), 2006–2020 101Table 38: Solar Photovoltaic Module Market,

Japan

, Power Generation (TWh), 2006–2020 103Table 39: Solar Photovoltaic Module Market,

Japan

, Average Module Price, \$/W, 2006–2020 105Table 40: Solar Photovoltaic Module Market,

Japan

, Market Size, \$bn, 2006–2020 107Table 41: Solar Photovoltaic Module Market,

Japan

, Module Production, MW, 2006–2012 109Table 42: Solar Photovoltaic Module Market,

Japan

, C-Si Module Production Share, MW, 2012 110Table 43: Solar Photovoltaic Module Market,

Japan

, Thin Film Module Production Share, MW, 2012 111Table 44: Solar Photovoltaic Module

Market, Republic of Korea, Installed Capacity, GW, 2006–2020 114Table 45: Solar Photovoltaic

Module Market, Republic of Korea, Power Generation, TWh, 2006–2020 116Table 46: Solar

Photovoltaic Module Market, Republic of Korea, Average Module Price, \$/W, 2006–2020

118Table 47: Solar Photovoltaic Module Market, Republic of Korea, Market Size, \$bn, 2006–2020 120Table 48: Solar Photovoltaic Module Market, Republic of Korea, Module Production, MW, 2006–2012 122Table 49: Solar Photovoltaic Module Market, Republic of Korea, C-Si Module Production Share, MW, 2012 123Table 50: Solar Photovoltaic Module Market, Taiwan, Installed Capacity, MW, 2006–2020 126Table 51: Solar Photovoltaic Module Market, Taiwan, Power Generation, GWh, 2006–2020 128Table 52: Solar Photovoltaic Module Market, Taiwan, Average Module Price, \$/W, 2006–2020 130Table 53: Solar Photovoltaic Module Market, Taiwan, Market Size, \$m, 2006–2020 132Table 54: Solar Photovoltaic Module Market, Taiwan, Module Production, MW, 2006–2012 134Table 55: Solar Photovoltaic Module Market, Taiwan, C-Si Module Production Share, MW, 2012 135

Table 56: Solar Photovoltaic Module Market, Taiwan, Thin Film Module Production Share, MW, 2012 137Table 57: Solar Photovoltaic Module Market, India, Installed Capacity, MW, 2006–2020 141Table 58: Solar Photovoltaic Module Market, India, Power Generation, GWh, 2006–2020 143Table 59: Solar Photovoltaic Module Market, India, Average Module Price, \$/W, 2006–2020 145Table 60: Solar Photovoltaic Module Market, India, Market Size, \$m, 2006–2020 147Table 61: Solar Photovoltaic Module Market, India, Module Production, MW, 2006–2012 149Table 62: Solar Photovoltaic Module Market, India, C-Si Module Production Share, MW, 2012 150Table 63: Solar Photovoltaic Module Market, India, Power Generation (TWh), 2006–2020 151

1.2 List of Figures

Figure 1: Solar Photovoltaic Module Market, Global, Installed Capacity, GW, 2006–2020 21
Figure 2: Solar Photovoltaic Module Market, Global, Power Generation, TWh, 2006–2020 23
Figure 3: Solar Photovoltaic Module Market, Module Production by Country, %, 2012

26Figure 4: Solar Photovoltaic Module Market, Global, Module Price, \$/W, 2006–2020 28Figure 5: Solar Photovoltaic Module Market, Global, Market Size, \$bn, 2006–2020 30Figure 6: Solar Photovoltaic Module Market, C-Si Module Production by Company, %, 2012 32Figure 7: Solar Photovoltaic Module Market, Thin-film Module Production by Company, %, 2012 34Figure 8: Solar Photovoltaic Module Market, The US, Installed Capacity, GW, 2006–2020 43Figure 9: Solar Photovoltaic Module Market, The US, Power Generation (TWh), 2006–2020 45Figure 10: Solar Photovoltaic Module Market, The US, Average Module Price, \$/W, 2006–2020 47Figure 11: Solar Photovoltaic Module Market, The US, Market Size, \$bn, 2006–2020 49Figure 12: Solar Photovoltaic Module Market, The US, Module Production, MW, 2006–2012 51Figure 13: Solar Photovoltaic Module Market, The US, C-Si Module Production Share, %, 2012 53Figure 14: Solar Photovoltaic Module Market, The US, Thin Film Module Production Share, %, 2012 54Figure 15: Solar Photovoltaic Module Market, Germany, Installed Capacity, GW, 2006–2020 58Figure 16: Solar Photovoltaic Module Market, Germany, Power Generation (TWh), 2006–2020 60Figure 17: Solar Photovoltaic Module Market, Germany, Average Module Price, \$/W, 2006–2020 62

Figure 18: Solar Photovoltaic Module Market, Germany, Market Size, \$bn, 2006–2020 64Figure 19: Solar Photovoltaic Module Market, Germany, Module Production, MW, 2006–2012 67Figure 20: Solar Photovoltaic Module Market, Germany, C-Si Module Production Share, %, 2012 69Figure 21: Solar Photovoltaic Module Market, Germany, Thin-film Module Production Share, %, 2012 70Figure 22: Solar Photovoltaic Module Market, Italy, Installed Capacity, GW, 2006–2020 73Figure 23: Solar Photovoltaic Module Market, Italy, Power Generation, TWh, 2006–2020 75Figure 24: Solar Photovoltaic Module Market, Italy, Average Module Price, \$/W, 2006–2020 77Figure 25: Solar Photovoltaic Module Market, Italy, Market Size, \$bn, 2006–2020 79Figure 26: Solar Photovoltaic Module Market, Italy, Module Production, MW, 2006–2012 81Figure 27: Solar Photovoltaic Module Market, Italy, C-Si Module Production Share, %, 2012 83Figure 28: Solar Photovoltaic Module Market, Italy, Thin Film Module Production Share, %, 2012 84Figure 29: Solar Photovoltaic Module Market, China, Installed Capacity, GW, 2006–2020 86Figure 30: Solar Photovoltaic Module Market, China, Power Generation, TWh, 2006–2020 88Figure 31: Solar Photovoltaic Module Market,

China

, Average Module Price, \$/W, 2006–2020 90Figure 32: Solar Photovoltaic Module Market, China

, Market Size, \$bn, 2006–2020 92Figure 33: Solar Photovoltaic Module Market, China

, Module Production, MW, 2006–2012 94Figure 34: Solar Photovoltaic Module Market, China

, C-Si Module Production Share, %, 2012 96Figure 35: Solar Photovoltaic Module Market, China

, Thin Film Module Production Share, %, 2012 98

Figure 36: Solar Photovoltaic Module Market, Japan, Installed Capacity, GW, 2006–2020 100Figure 37: Solar Photovoltaic Module Market, Japan

, Power Generation, TWh, 2006–2020 102Figure 38: Solar Photovoltaic Module Market, Japan

, Average Module Price, \$/W, 2006–2020 104Figure 39: Solar Photovoltaic Module Market, Japan

, Market Size, \$bn, 2006–2020 106Figure 40: Solar Photovoltaic Module Market, Japan

, Module Production, MW, 2006–2012 108Figure 41: Solar Photovoltaic Module Market, Japan

, C-Si Module Production Share, %, 2012 109Figure 42: Solar Photovoltaic Module Market, Japan

, Thin Film Module Production Share, %, 2012 110Figure 43: Solar Photovoltaic Module Market, Republic of Korea, Installed Capacity, GW, 2006–2020 113

Figure 44: Solar PV Module Market, Republic of Korea, Power Generation, TWh, 2006–2020 115

Figure 45: Solar Photovoltaic Module Market, Republic of Korea, Average Module Price, \$/W, 2006–2020 117

Figure 46: Solar Photovoltaic Module Market, Republic of Korea, Market Size, \$bn, 2006–2020 119

Figure 47: Solar Photovoltaic Module Market, Republic of Korea, Module Production, MW, 2006–2012 121

Figure 48: Solar Photovoltaic Module Market, Republic of Korea, C-Si Module Production Share, %, 2012 123

Figure 49: Solar Photovoltaic Module Market, Taiwan, Installed Capacity, MW, 2006–2020 125Figure 50: Solar Photovoltaic Module Market, Taiwan

, Power Generation, GWh, 2006–2020 127Figure 51: Solar Photovoltaic Module Market, Taiwan

, Average Module Price, \$/W, 2006–2020 129Figure 52: Solar Photovoltaic Module Market, Taiwan

, Market Size, \$m, 2006–2020 131Figure 53: Solar Photovoltaic Module Market, Taiwan

, Module Production, MW, 2006–2012 133 Figure 54: Solar Photovoltaic Module Market, Taiwan

, C-Si Module Production Share, %, 2012 135 Figure 55: Solar Photovoltaic Module Market, Taiwan

, Thin-film Module Production Share, %, 2012 136 Figure 56: Solar Photovoltaic Module Market, India

, Installed Capacity, GW, 2006–2020 140 Figure 57: Solar Photovoltaic Module Market, India

, Power Generation, GWh, 2006–2020 142 Figure 58: Solar Photovoltaic Module Market, India

, Average Module Price, \$/W, 2006–2020 144 Figure 59: Solar Photovoltaic Module Market, India

, Market Size, \$m, 2006–2020 146 Figure 60: Solar Photovoltaic Module Market, India

, Module Production, MW, 2006–2012 148 Figure 61: Solar Photovoltaic Module Market, India

, C-Si Module Production Share, %, 2012 150

To order this report: [Solar PV Modules - Market Size, Annual Production, Average Price, Competitive Landscape and Key Country Analysis to 2020](http://www.reportlinker.com/p01622969/Solar-PV-Modules---Market-Size-Annual-Production-Average-Price-Competitive-Landscape-and-Key-Country-Analysis-to-2020.html#utm_source=prnewswire&utm_medium=pr&utm_campaign=Solar_Photovoltaic) http://www.reportlinker.com/p01622969/Solar-PV-Modules---Market-Size-Annual-Production-Average-Price-Competitive-Landscape-and-Key-Country-Analysis-to-2020.html#utm_source=prnewswire&utm_medium=pr&utm_campaign=Solar_Photovoltaic

Contact Clare: clare@reportlinker.com US: (339)-368-6001 Intl: +1 339-368-6001

SOURCE Reportlinker

RELATED LINKS <http://www.reportlinker.com>