

Solar Energy Markets: A BCC Research Outlook

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Abstracts

REPORT SCOPE:

The report is a compilation of the existing BCC Research's reports in Solar energy market. The topics analyzed within the report include a detailed breakdown and analysis of the global markets for solar technologies by geography, technology and application. Additionally, included are a review of the different technologies from second generation and third generation solar technologies such as Organic Photovoltaics (OPVs)/Plastic Solar Cells and Multi-junction Photovoltaics (MJPVs) and Concentrating Photovoltaics (CPVs) which are currently in commercial use; a review of early-stage technologies that are beginning to see transfer from research to commercialization and major factors impelling and impeding the global growth. The scope of this report extends to sizing of the solar energy market and an analysis of global market trends with market data for solar installations at global level in 2017, which is being considered as the base year, 2018 as the estimate year and forecast for 2023 with projection of CAGR from 2018 to 2023. Market data provided in volume is cumulative installed capacity. The report also provides the value in \$ millions corresponds to the volume presented in this report.

The report focuses on assessment of solar energy technologies and an analysis of companies/manufacturers and the related system providers. Market dynamics such as drivers, restraints, and opportunities are also discussed in the report. The study forecasts the market value of the solar energy market for key technologies like PV and CSP.

REPORT INCLUDES:

39 data tables and 38 additional tables

Industry analysis of the solar energy technologies

Analyses of global market trends with data from 2017 and 2018, and projections of compound annual growth rates (CAGRs) through 2023

Detailed study of market driving forces, opportunities, restraints and other critical technological and regulatory updates that influence the current and future market dynamics

Regional dynamics of the solar energy market covering North America, Europe, APAC and other emerging economies from the rest of the world

Brief outlining of alternative solar photovoltaic technologies industry and its structure, and companies associated with providing these technologies

Examination of the competitive landscape and market share analysis of the key global players

Comprehensive profiles of market leading companies within the energy sector, including General Electric Company, Kyocera Corp., Mitsubishi Electric Corp., Schneider Electric, St. Gobain and Parker Hannifin Inc.

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Solar PV Companies

3S Photovoltaics

AMONIX COMPANY

ASCENT SOLAR

CANADIAN SOLAR INC.

COGENTRIX ENERGY LLC

CONERGY AG

COOPER B-LINE

DAQO NEW ENERGY

DOW CHEMICAL COMPANY

DYESOL

EMCORE

ENPHASE

FIRST SOLAR INC.

GCL-POLY

GENERAL ELECTRIC COMPANY

GUASCOR FOTON

HANWHA SOLARONE

HEMLOCK SEMICONDUCTOR CORP.

HILTI CORP.

INDOSOLAR LTD.

JA SOLAR PV TECHNOLOGY CO. LTD.

JINKO SOLAR

KACO NEW ENERGY GMBH

KCC CORP.

KYOCERA

LDK SOLAR

LUMETA INC.

MAGE SUNOVATION GMBH

MEMC

MIASOLE

mitsubishi Electric Corp.

MOSER BAER SOLAR

MOTECH INDUSTRIES

OCI

ONYX SOLAR ENERGY
POWER-ONE
PYTHAGORAS SOLAR
RENEWABLE ENERGY CORP. (REC)
ST. GOBAIN
SANYO SOLAR USA (PANASONIC CORP.)
SATCON TECHNOLOGY CORP.
SCHNEIDER ELECTRIC
SCHOTT SOLAR AG
SHARP CORP.
SIEMENS
SILEX SYSTEMS
SMA SOLAR TECHNOLOGY AG
SOITEC
SOLAR CENTURY
SOLAR FABRIK AG
SOLAR FRONTIER
SOLARWORLD
SOLFOCUS, INC.
SUNPOWER CORP.
SUNTECH
SUNTRIX
TATA BP SOLAR
TOKUYAMA CORP.
TRINA SOLAR LTD.
WACKER CHEMIE AG
XUNLIGHT CORP.
YINGLI SOLAR
Solar Heating Company Profiles
Unglazed Solar Collectors
Flat Plate Solar Collectors
Evacuated-Tube Solar Collectors
AMK-SOLAC SYSTEMS
APRICUS
CALPAK
HAINING BAOGUANG HEAT COLLECTION TUBES CO. LTD.
HIMIN SOLAR ENERGY GROUP CO. LTD.
LINUO PARADIGMA CO. LTD.
SUNDA SOLAR ENERGY TECHNOLOGY CO. LTD.

SUNRAIN SOLAR ENERGY CO. LTD.
SUNSHORE SOLAR ENERGY PRODUCTS CO. LTD.
TATA POWER SOLAR
TSINGHUA SOLAR
VIESSMANN WERKE GMBH & CO KG
Integral Collector-Storage Units
INTEGRATED SOLAR
SUNEARTH
THERMAL CONVERSION TECHNOLOGY
Solar Air Collector
ARCTIC SUNLIGHT INNOVATION
ATAS INTERNATIONAL
CANSOLAIR
CONSERVAL ENGINEERING
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Solar Reflective Films
ALANOD SOLAR
HYDRO ASA
KONICA MINOLTA INC.
REFLECTECH
Solar Mirrors
AGC SOLAR
FLABEG FE
GUARDIAN INDUSTRIES
REFLEX SPA
SKYFUEL
Solar Tube Receivers
ARCHIMEDE SOLAR ENERGY
RIOGLASS SOLAR INTERNATIONAL
SCHOTT SOLAR
Central Tower Receivers
AALBORG CSP
ABENGOA SOLAR
BABCOCK & WILCOX CO.

BRIGHTSOURCE ENERGY

CMI SOLAR

SENER

SOLARRESERVE

Supporting Equipment: Motors, Drives, Controllers, Hydraulics

ABB POWER GENERATION

ALBANDI SL

BOSCH REXROTH

EMERSON PROCESS MANAGEMENT

HAWE HYDRAULIK

HELAC CORP.

PARKER HANNIFIN

SAIDI

SCHUBERT & SALZER GMBH

WEBER HYDRAULIK

Parabolic Trough Solar Collector Assemblies

ABENGOA SOLAR

ENER-T INTERNATIONAL

INGEMETAL

NATIONAL STEEL FABRICATION

SOLARGENIX

TSK FLAGSOL

Fresnel Reflector Solar Collector Assemblies

CNIM

HIMIN SOLAR ENERGY GROUP CO. LTD.

INDUSTRIAL SOLAR

NOVATEC SOLAR

SOLAR EUROMED

SOLTIGUA

Solar Power Tower Heliostats

BRIGHTSOURCE ENERGY

ESOLAR

Parabolic Dishes

BRAYTON ENERGY

UNITED SUN SYSTEMS

Alternative Solar Photovoltaic Technology Companies

ANTEC SOLAR GMBH

ASCENT SOLAR TECHNOLOGIES INC.

AVANCIS GMBH

FIRST SOLAR INC.
FLISOM AG
GLOBAL SOLAR INC.
HANERGY THIN-FILM POWER GROUP LTD.
HELIAITEK GMBH
HELIOTROP SAS
HELIOVOLT
KANEKA CORP.
MANZ AG
MIASOL? HI-TECH CORP.
MICROLINK DEVICES INC.
MIDSUMMER AB
MOSER BAER INDIA LTD.
NANOSOLAR INC.
ONYX SOLAR ENERGY
OPVIUS GMBH
OXFORD PHOTOVOLTAICS LTD.
SHOWA SHELL SEKIYU K.K. (SOLAR FRONTIER K.K.)
SIVA POWER INC.
SOITEC
SOLAR JUNCTION CORP.
SOLARMER ENERGY INC.
SOLARONIX SA
SOLARWORLD INDUSTRIES GMBH
SOLIBRO GMBH
SOLOPOWER SYSTEMS INC.
SUNSHINE PV CORP.
W?RTH GROUP

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