

# Global Solar Water Pump Market Research and Forecast, 2018-2023

<https://marketpublishers.com/r/GC246A07204EN.html>

Date: November 2018

Pages: 0

Price: US\$ 3,600.00 (Single User License)

ID: GC246A07204EN

## Abstracts

The global solar water pump market is expected to grow significantly during 2018-2023. A variety of factors such as increasing application in domestic and agriculture sector, increasing government support, and low maintenance and easy to install are driving the global solar water pump market. Solar powered water pumps can deliver clean and drinkable water as well as water for livestock or irrigation purposes. Solar water pumps are becoming very useful in small-scale irrigation projects, as large-scale irrigation requires a large amount of water which will require a large array of the solar panel. Other factors such as rising preference for solar pumps over diesel pumps are also contributing to the growth of the global solar water pump market. Solar pumps are widely used by the end-users due to the several advantages they have over diesel pumps. Diesel pumps face issues such as the shortage of fuel and fuel price fluctuations due to which the demand for solar water pump has increased across the globe. Furthermore, solar water pumps offer a clean, sustainable energy solution compared to fuel-powered pumps. Additionally, solar pumps are economical and do not have high operational costs and financial risks associated with its use.

End-users are increasingly looking to automate water pump systems for pumping water for irrigation, fish farming, and many other purposes. The several advantages of solar pumps over diesel pumps and increasing demand in the domestic application will contribute to the growth prospects of the solar pumps market during the forecast period. Solar pump systems improve the economic status of farmers as it improves the farmers' standard of living by providing reliable, and affordable energy for irrigation.

Geographically market is divided into North America, Europe, Asia-Pacific and Rest of the World. Asia-Pacific region is leading the solar water pump market followed by North America and Europe majorly due to the increasing demand for solar energy and mass

manufacturing of solar panel in the region. During 2017, Asia-Pacific dominated the global solar pumps market with a market share of approximately 40% in terms of revenue. China and India have taken considerable measures to increase their solar photovoltaic installations. Governments of China and India have been highly supportive of the installation of the solar water pump, creating an encouraging regulatory environment for companies in the Asia-Pacific market. Furthermore, increased need for clean water for drinking and irrigation in countries such as Morocco, Nigeria, Namibia, and Kenya, in the African region, is also driving the need for the solar pumps. Increasing government initiatives by the government of countries are triggering the growth of the market. The UN development programs are established to promote the use of solar energy in the region.

The key players in the global solar water pump market include Apex Solar Pvt. Ltd, American West Windmill and Solar Company, Bright Solar Pvt. Ltd., Claro Energy Pvt. Ltd., Conergy Energy System Pvt., Tata Power Solar systems ltd., and so on. The vendor competition will increase with an increase in technological innovations, service extensions, and Merger and acquisition. The global solar pumps market is highly competitive owing to the presence of many well-diversified key players across the globe.

## **RESEARCH METHODOLOGY**

The market study of the global solar water pump market is incorporated by extensive primary and secondary research conducted by the research team at OMR. Secondary research has been conducted to refine the available data to break down the market in various segments, derive total market size, market forecast, and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report, the country level analysis is provided by analyzing various regional players, regional tax laws and policies, consumer behavior, and macroeconomic factors. Numbers extracted from secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders, and industry experts. Primary research brings the authenticity of our reports.

## **SECONDARY SOURCES INCLUDE**

Financial reports of companies involved in the market.

Whitepapers, research-papers, and news blogs.

An authentic database such as the International Renewable Energy Agency (IREA), Solar Energy International and so on.

Company websites and their product/ services catalog.

The report is intended for private companies and government organizations for overall market analysis and competitive analysis. The report provides an in-depth analysis on market size, growth opportunity in the market and product types. The report will serve as a source for 360-degree analysis of the market thoroughly integrating different models delivering insights into the market for better business decisions.

## **MARKET SEGMENTATION**

Global solar water pump market is segmented on the basis of type, component, application, end-users, and regional outlook. In 2017, the agricultural segment was account for the highest market share due to high demand for irrigation purpose. Moreover, solar water pumps play a vital role in pumping water in areas with erratic rainfall, water scarcity, and insufficient electricity.

Solar Water Pump Market by Type Of Solar Powered Water Pump

Solar Water Pump Market by Component

Solar Water Pump Market by Applications

Solar Water Pump Market by End-User

## **THE REPORT COVERS**

Comprehensive research methodology of global solar water pump market.

This report also includes a detailed and extensive market overview with key analyst insights.

An exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global solar water pump market.

Insights about market determinants which are stimulating the global solar water pump market.

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

## Contents

### 1. REPORT SUMMARY

- 1.1. Research Methods and Tools
- 1.2. Market Breakdown
  - 1.2.1. By Segments
  - 1.2.2. By Geography
  - 1.2.3. By Stakeholders
  - 1.2.4. Exceptions

### 2. MARKET OVERVIEW AND INSIGHTS

- 2.1. Definition
- 2.2. Analyst Insights & Current Market Trends
  - 2.2.1. Key Findings
  - 2.2.2. Recommendation
  - 2.2.3. Conclusion
- 2.3. Regulation
  - 2.3.1.1. United States
  - 2.3.1.2. European Union
  - 2.3.1.3. China
  - 2.3.1.4. India
  - 2.3.1.5. Japan

### 3. MARKET DETERMINANTS

- 3.1. Motivators
  - 3.1.1. Increasing Application in Domestic and Agriculture Sector
  - 3.1.2. Increasing Need for Clean Water
  - 3.1.3. Increasing Government Support
  - 3.1.4. Low Maintenance and Easy to Install
- 3.2. Restraints
  - 3.2.1. High Investment Cost
  - 3.2.2. Electrical Output Will Be Limited by Daylight Hours and Bad Weather
  - 3.2.3. Water Storage and Battery Backup Required
- 3.3. Opportunities
  - 3.3.1. Increasing Agricultural Application in Emerging Countries
  - 3.3.2. Advancement in Solar Water Pumping

## **4. MARKET SEGMENTATION**

### 4.1. Solar Water Pump Market by Type of Solar Powered Water Pump

- 4.1.1. Surface Water Pumps
- 4.1.2. Submersible Water Pumps

### 4.2. Solar Water Pump Market by Component

- 4.2.1. Solar Panel
  - 4.2.1.1. Monocrystalline Solar Panel
  - 4.2.1.2. Polycrystalline Solar Panel
  - 4.2.1.3. Thin-Film Solar Panel
- 4.2.2. Controller
- 4.2.3. Pumps

### 4.3. Solar Water Pump Market by Applications

- 4.3.1. Agricultural
- 4.3.2. Village Water Supply
- 4.3.3. Other (Oil and Gas Fracking Activities)

### 4.4. Solar Water Pump Market by End-User

- 4.4.1. Small-Scale Based
- 4.4.2. Large-Scale Based

## **5. COMPETITIVE LANDSCAPE**

### 5.1. Key Strategies

### 5.2. Key Company Analysis

## **6. REGIONAL ANALYSIS**

### 6.1. North America

- 6.1.1. United States
- 6.1.2. Canada

### 6.2. Europe

- 6.2.1. UK
- 6.2.2. Germany
- 6.2.3. Spain
- 6.2.4. France
- 6.2.5. Italy
- 6.2.6. Rest of Europe

### 6.3. Asia-Pacific

- 6.3.1. India
- 6.3.2. China
- 6.3.3. Japan
- 6.3.4. Rest of Asia-Pacific
- 6.4. Rest of the World

## **7. COMPANY PROFILES**

- 7.1. Alpex Solar Pvt. Ltd.
- 7.2. Bright Solar Pvt. Ltd.
- 7.3. Claro Energy Pvt. Ltd.
- 7.4. Conergy Energy System Pvt. Ltd.
- 7.5. CRI Group
- 7.6. Grundfos
- 7.7. Jain Irrigation System Ltd.
- 7.8. JJ PV Solar
- 7.9. Kirloskar Brothers Ltd.
- 7.10. LORENTZ
- 7.11. Lubi Solar Pvt. Ltd.
- 7.12. Prosun Energy Pvt. Ltd.
- 7.13. Rainbow Power Co. Ltd.
- 7.14. Shakti Pumps Ltd.
- 7.15. Solar Power and Pump Co., LLC
- 7.16. Span Pumps Pvt Ltd.
- 7.17. SunEdison, Inc.
- 7.18. Tata Power Solar System Ltd.
- 7.19. Topsun Energy Ltd.
- 7.20. Udhaya Semiconductors Ltd.
- 7.21. Vimal Electronic
- 7.22. VRG Energy
- 7.23. Waare Group
- 7.24. Wenling Jintai Pump Factory

## List Of Tables

### LIST OF TABLES

TABLE # 1 GLOBAL SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 (\$ MILLION)

TABLE # 2 GLOBAL SURFACE WATER PUMPS MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 3 GLOBAL SUBMERSIBLE MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 4 GLOBAL SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY COMPONENT, 2017-2023 (\$ MILLION)

TABLE # 5 GLOBAL SOLAR PANEL MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 6 GLOBAL MONOCRYSTALLINE SOLAR PANEL MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 7 GLOBAL POLYCRYSTALLINE SOLAR PANEL MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 8 GLOBAL THIN-FILM SOLAR PANEL MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 9 GLOBAL CONTROLLER MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 10 GLOBAL PUMPS MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 11 GLOBAL SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY APPLICATIONS, 2017-2023 (\$ MILLION)

TABLE # 12 GLOBAL AGRICULTURAL MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 13 GLOBAL VILLAGE WATER SUPPLY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 14 GLOBAL OTHER APPLICATION MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 15 GLOBAL SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 16 GLOBAL SMALL-SCALE BASED WATER PUMP MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 17 GLOBAL LARGE-SCALE BASED WATER PUMP MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 18 GLOBAL SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS



BY GEOGRAPHY, 2017-2023 (\$ MILLION)

TABLE # 19 NORTH AMERICAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY TYPE OF SOLAR POWERED WATER PUMP, 2017-2023 (\$ MILLION)

TABLE # 20 EUROPEAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY TYPE OF SOLAR POWERED WATER PUMP, 2017-2023 (\$ MILLION)

TABLE # 21 ASIA-PACIFIC SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY TYPE OF SOLAR POWERED WATER PUMP, 2017-2023 (\$ MILLION)

TABLE # 22 REST OF THE WORLD SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY TYPE OF SOLAR POWERED WATER PUMP, 2017-2023 (\$ MILLION)

TABLE # 23 NORTH AMERICAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY COMPONENT, 2017-2023 (\$ MILLION)

TABLE # 24 EUROPEAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY COMPONENT, 2017-2023 (\$ MILLION)

TABLE # 25 ASIA-PACIFIC SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY COMPONENT, 2017-2023 (\$ MILLION)

TABLE # 26 REST OF THE WORLD SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY COMPONENT, 2017-2023 (\$ MILLION)

TABLE # 27 NORTH AMERICAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 28 EUROPEAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 29 ASIA-PACIFIC SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 30 REST OF THE WORLD SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 31 NORTH AMERICAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 32 EUROPEAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 33 ASIA-PACIFIC SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 34 REST OF THE WORLD SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY END-USER, 2017-2023 (\$ MILLION)

TABLE # 35 NORTH AMERICAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 36 EUROPEAN SOLAR WATER PUMP MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 37 ASIA-PACIFIC SOLAR WATER PUMP MARKET RESEARCH AND

## ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

## List Of Figures

### LIST OF FIGURES

- FIGURE # 1 GLOBAL SOLAR WATER PUMP MARKET SHARE BY TYPE OF SOLAR POWERED, 2017 AND 2023 (%)
- FIGURE # 2 GLOBAL SOLAR WATER PUMP MARKET SHARE BY COMPONENT, 2017 AND 2023(%)
- FIGURE # 3 GLOBAL SOLAR WATER PUMP MARKET SHARE BY APPLICATIONS, 2017 AND 2023(%)
- FIGURE # 4 GLOBAL SOLAR WATER PUMP MARKET SHARE BY END-USER, 2017 AND 2023 (%)
- FIGURE # 5 GLOBAL SOLAR WATER PUMP MARKET SHARE BY GEOGRAPHY, 2017 AND 2023 (%)
- FIGURE # 6 UNITED STATES SOLAR WATER PUMP MARKET SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 7 CANADA SOLAR WATER PUMP MARKET SHARE, SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 8 EUROPEAN SOLAR WATER PUMP MARKET SHARE, SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 9 GERMANY SOLAR WATER PUMP MARKET SHARE, SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 10 SPAIN SOLAR WATER PUMP MARKET SHARE, SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 11 FRANCE SOLAR WATER PUMP MARKET SHARE, SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 12 ITALY SOLAR WATER PUMP MARKET SHARE, SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 13 ROE SOLAR WATER PUMP MARKET SHARE, SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 14 INDIA SOLAR WATER PUMP MARKET SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 15 CHINA SOLAR WATER PUMP MARKET SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 16 JAPAN SOLAR WATER PUMP MARKET SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 17 REST OF ASIA-PACIFIC SOLAR WATER PUMP MARKET SIZE, 2017-2023 (\$ MILLION)
- FIGURE # 18 REST OF THE WORLD SOLAR WATER PUMP MARKET SIZE, 2017-2023 (\$ MILLION)

## I would like to order

Product name: Global Solar Water Pump Market Research and Forecast, 2018-2023

Product link: <https://marketpublishers.com/r/GC246A07204EN.html>

Price: US\$ 3,600.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC246A07204EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970