

Global Solar Water Pump Market Size study & Forecast, by Type (Submersible Pump, Surface Pump) by Motor Type (AC Pumps, DC Pumps), by Power Rating (Up to 5 HP, 5 HP to 10 HP, 10 HP to 20 HP, more than 20 HP), by Application (Agriculture, Water Treatment Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G58C5BC6EAFEN.html>

Date: October 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G58C5BC6EAFEN

Abstracts

Global Solar Water Pump Market is valued approximately USD 3.15 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 10.20% over the forecast period 2023-2030. A solar water pump is a type of water pumping system that utilizes energy from the sun to pump water. It consists of a solar panel array, a pump, and sometimes a storage tank or battery system. The solar panels convert sunlight into electrical energy, which powers the pump to draw water from a water source such as well, river, or lake. Solar water pumps contribute to sustainable water management by utilizing renewable energy, reducing carbon emissions, and conserving fossil fuels. They are an effective solution for accessing water in remote areas and promoting agricultural productivity and rural development. The Solar Water Pump market is expanding because of factors such as growing agricultural sector and rising government incentives and policies.

Solar water pumps are extensively used in the agricultural sector for irrigation purposes. As the global population continues to increase, the demand for food is also rising. Solar water pumps offer an efficient and sustainable solution for farmers, enabling them to irrigate their crops and increase productivity. The expanding agricultural sector, particularly in developing countries, is a significant driver for the growth of the solar water pump market. According to India Brand Equity Foundation, Indian agricultural sector is predicted to increase to USD 24 billion by 2025. Further the report states that

Agriculture and allied activities recorded a growth rate of 3.9% in 2021-22. The Kenya National Budget, which was released on June 11, 2020, provided significant encouragement for the irrigation industry by announcing an investment of USD 35 million to expand community household irrigation. This will enable individual farmers to double their agricultural yield by using these solar pumps because they are powered by the sun and cost less to operate than conventional pumps because they do not require fuel. Thus, the rising agriculture sector is driving the market growth. In addition, rising adoption of sustainable energy sources and technological advancements in technology and pump designing is creating new opportunities to the market growth. However, high dependence on weather conditions and lack of awareness stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Solar Water Pump Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the factors such as rising agricultural activities, rising number of government favorable policies and incentives scheme, rising adoption of green energy resources rising investment in agriculture production in the region. Europe is projected to register a significant growth owing to factors such as rising government initiative for clean energy projects, rising development of sustainable irrigation technologies, rising green grid initiatives in the region.

Major market player included in this report are:

Alpex Solar Pvt Ltd

Aqua Group

Bright Solar Limited

C.R.I. Pumps Private Limited

Crompton Greaves Consumer Electricals Limited

Lorentz

Dankoff Solar

Duke Plasto Technique Private Limited

Novergy Energy Solutions Pvt. Ltd.

Surya International

Recent Developments in the Market:

In April 2021, Tata Power and C.S.C. collaborated to install solar-powered water pumps and microgrids. With the help of the cooperation, Tata Power will be able to put up distributed, small-scale solar power systems in rural areas and serve homes and businesses with electricity around-the-clock. While C.S.C. welcomes village-level business owners to the collaboration to offer quick, affordable service and serve rural consumers with a distributed solar power source.

Global Solar Water Pump Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type, Motor Type, Power Rating, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Submersible Pump

Surface Pump

By Motor Type:

AC Pumps

DC Pumps

By Power Rating:

Up to 5 HP

5 HP to 10 HP

10 HP to 20 HP

More than 20 HP

By Application:

Agriculture

Water Treatment

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Solar Water Pump Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Solar Water Pump Market, by Type, 2020-2030 (USD Billion)
 - 1.2.3. Solar Water Pump Market, by Motor Type, 2020-2030 (USD Billion)
 - 1.2.4. Solar Water Pump Market, by Power Rating, 2020-2030 (USD Billion)
 - 1.2.5. Solar Water Pump Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL SOLAR WATER PUMP MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL SOLAR WATER PUMP MARKET DYNAMICS

- 3.1. Solar Water Pump Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing agricultural sector
 - 3.1.1.2. Rising government incentives and policies for promoting agriculture activities.
 - 3.1.2. Market Challenges
 - 3.1.2.1. High dependence on weather conditions
 - 3.1.2.2. Lack of awareness
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising adoption of sustainable energy sources
 - 3.1.3.2. Technological advancements in technology and pump designing

CHAPTER 4. GLOBAL SOLAR WATER PUMP MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL SOLAR WATER PUMP MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Solar Water Pump Market by Type, Performance - Potential Analysis
- 5.3. Global Solar Water Pump Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Solar Water Pump Market, Sub Segment Analysis
 - 5.4.1. Submersible Pump
 - 5.4.2. Surface Pump

CHAPTER 6. GLOBAL SOLAR WATER PUMP MARKET, BY MOTOR TYPE

- 6.1. Market Snapshot
- 6.2. Global Solar Water Pump Market by Motor Type, Performance - Potential Analysis
- 6.3. Global Solar Water Pump Market Estimates & Forecasts by Motor Type 2020-2030 (USD Billion)
- 6.4. Solar Water Pump Market, Sub Segment Analysis
 - 6.4.1. AC Pumps

6.4.2. DC Pumps

CHAPTER 7. GLOBAL SOLAR WATER PUMP MARKET, BY POWER RATING

7.1. Market Snapshot

7.2. Global Solar Water Pump Market by Power Rating, Performance - Potential Analysis

7.3. Global Solar Water Pump Market Estimates & Forecasts by Power Rating 2020-2030 (USD Billion)

7.4. Solar Water Pump Market, Sub Segment Analysis

7.4.1. Up to 5 HP

7.4.2. 5 HP to 10 HP

7.4.3. 10 HP to 20 HP

7.4.4. More than 20 HP

CHAPTER 8. GLOBAL SOLAR WATER PUMP MARKET, BY APPLICATION

8.1. Market Snapshot

8.2. Global Solar Water Pump Market by Application, Performance - Potential Analysis

8.3. Global Solar Water Pump Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

8.4. Solar Water Pump Market, Sub Segment Analysis

8.4.1. Agriculture

8.4.2. Water Treatment

8.4.3. Others

CHAPTER 9. GLOBAL SOLAR WATER PUMP MARKET, REGIONAL ANALYSIS

9.1. Top Leading Countries

9.2. Top Emerging Countries

9.3. Solar Water Pump Market, Regional Market Snapshot

9.4. North America Solar Water Pump Market

9.4.1. U.S. Solar Water Pump Market

9.4.1.1. Type breakdown estimates & forecasts, 2020-2030

9.4.1.2. Motor Type breakdown estimates & forecasts, 2020-2030

9.4.1.3. Power Rating breakdown estimates & forecasts, 2020-2030

9.4.1.4. Application breakdown estimates & forecasts, 2020-2030

9.4.2. Canada Solar Water Pump Market

9.5. Europe Solar Water Pump Market Snapshot

- 9.5.1. U.K. Solar Water Pump Market
- 9.5.2. Germany Solar Water Pump Market
- 9.5.3. France Solar Water Pump Market
- 9.5.4. Spain Solar Water Pump Market
- 9.5.5. Italy Solar Water Pump Market
- 9.5.6. Rest of Europe Solar Water Pump Market
- 9.6. Asia-Pacific Solar Water Pump Market Snapshot
 - 9.6.1. China Solar Water Pump Market
 - 9.6.2. India Solar Water Pump Market
 - 9.6.3. Japan Solar Water Pump Market
 - 9.6.4. Australia Solar Water Pump Market
 - 9.6.5. South Korea Solar Water Pump Market
 - 9.6.6. Rest of Asia Pacific Solar Water Pump Market
- 9.7. Latin America Solar Water Pump Market Snapshot
 - 9.7.1. Brazil Solar Water Pump Market
 - 9.7.2. Mexico Solar Water Pump Market
- 9.8. Middle East & Africa Solar Water Pump Market
 - 9.8.1. Saudi Arabia Solar Water Pump Market
 - 9.8.2. South Africa Solar Water Pump Market
 - 9.8.3. Rest of Middle East & Africa Solar Water Pump Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Alpex Solar Pvt Ltd
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Recent Developments
 - 10.3.2. Aqua Group
 - 10.3.3. Bright Solar Limited
 - 10.3.4. C.R.I. Pumps Private Limited
 - 10.3.5. Crompton Greaves Consumer Electricals Limited

- 10.3.6. Lorentz
- 10.3.7. Dankoff Solar
- 10.3.8. Duke Plasto Technique Private Limited
- 10.3.9. Novergy Energy Solutions Pvt. Ltd.
- 10.3.10. Surya International

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation
 - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

I would like to order

Product name: Global Solar Water Pump Market Size study & Forecast, by Type (Submersible Pump, Surface Pump) by Motor Type (AC Pumps, DC Pumps), by Power Rating (Up to 5 HP, 5 HP to 10 HP, 10 HP to 20 HP, more than 20 HP), by Application (Agriculture, Water Treatment Others) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G58C5BC6EAFFEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G58C5BC6EAFFEN.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