

Turkey Solar Water Pump Market By Type (Submersible, Surface), By Capacity (Below 5 HP, 5-8 HP, Above 8 HP), By Application (Irrigation, Drinking Water, Industrial, Others), By Operation (AC Pump, DC Pump), By Region, Competition, Forecast and Opportunities, 2018-2028.

Market Report (3 business days) | 2023-09-05 | 80 pages | TechSci Research

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Report description:

Turkey Solar Water Pump Market is anticipated to grow over the projection period. The replacement of diesel and electric pumps with solar water pumps to minimize reliance on conventional energy is anticipated to drive the Turkey Solar Water Pump Market. Additionally, increasing government assistance in the form of subsidies and tax incentives, is anticipated to benefit market growth throughout the forecast period. However, market participants are expected to continue to be hampered by the higher initial investment costs compared to conventional alternatives. Further, increasing emphasis on sustainable development is expected to propel Turkey solar water pump market and will provide a robust demand for solar water pumps in the coming years.

A solar water pump system is essentially a pumping system that uses power that is generated through one or more photovoltaic panels. Solar water pumps have many benefits, including the fact that they use no fuel, need no labour or maintenance, are reliable in regional and distant places, and are environmentally beneficial.

Proliferating Eco-friendly Devices

Eco-friendly devices are deemed critical to sustainable development and growth. Electricity produced using conventional resources like coal produces much pollution, becoming a major concern. Additionally, pollution is becoming a cause of global warming. Hence, to combat environmental issues and promote sustainable development, solar water pumps are expected to play a key role.

Rising Demand for Cost Effective Pumps

The Turkey Solar Water Pump Market is on the rise due to the increasing demand for pumps in domestic and agriculture applications, mainly to supply water in farms and for irrigation. Also, solar water pumps are becoming increasingly popular in other industries to reduce the expenses of water pumping. The growing adoption of solar irrigation and agricultural activities

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across the country is a major factor driving the Turkey Solar Water Pump Market, and this growth is likely to continue in the coming years.

Increasing Electricity Tariffs

Electricity tariffs seem to be increasing at a high rate due to scarce resources. Hence, there is a shift towards cost-effective of electricity. Therefore, solar water pumps are emerging as a power device that does not require any external power as these water pumps operate by converting solar energy into electrical energy. Solar water pumps are seen as an excellent alternative to traditional pumps owing to reduced electricity spending. Hence, driving the Turkey Solar Water Pump Market.

Technological Innovations

The need for solar water pumps in Turkey has increased due to the rising technical development. More solar water pumps use DC motors. Due to programmable controls, these motors are 10 to 40% more efficient than brushed AC motors and are also simpler to maintain and improve. The Internet of Things (IoT) and sensors can predict the weather and schedule pump runs, reduce labour costs, improve the efficiency of water pumps, raise farm output, and enhance water management. Such developments are fuelling the market for solar water pumps in Turkey.

Livestock Water Supply

Water for livestock is usually provided by energy-efficient water systems using ground or surface water. These systems allow water use either at the source or by moving water to stock troughs. Water sources can vary from simple dugouts to springs, and solar water pumps are deemed to be a good fit in such situations as they can work with gravity distribution water systems as well as streams or lakes. Solar water pumps are becoming of greater use in rural regions with an uncertainty of electricity and increasing demand for water pumping systems. Hence, demand for solar water pumps in Turkey is likely to grow along with boosting the Solar Water Pump Market.

Market Segments

Turkey Solar Water Pump Market is segmented into type, capacity, application, operation and region. Based on type, the market is segmented into submersible and surface. Based on capacity, the market is segmented into below 5 HP, 5-8 HP, and above 8 HP. Based on application, the market is segmented into irrigation, drinking water, industrial and others. Based on operation, the market is segmented into AC pump and DC pump. Based on region, the market is segmented into Marmara region, Central Anatolia, Aegean region, Mediterranean region, Black Sea region, South-Eastern Anatolia region, Eastern Anatolia region.

Market Players

Turkey solar water pump market players include Samli Solar Enerji Ltd. Sti., Tekniksolar Enerji Aydinlatma Insaat Sanayi Ve Ticaret Limited Sirketi, Sumak Pompa A.?, Gest Energy, VANSAN Water Technologies, WILO SE, Lorentz, Shenzhen Solartech Renewable Energy Co., Ltd, C.R.I. Pumps Private Limited, CW ENERJ? M?H. T?C. VE SAN. A?.

Report Scope:

In this report, Turkey Solar Water Pump Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

-□Turkey Solar Water Pump Market, By Type:

o□Submersible

o□Surface

-□Turkey Solar Water Pump Market, By Capacity:

o□Below 5 HP

o□5-8 HP

o□Above 8 HP

-□Turkey Solar Water Pump Market, By Application:

o□Irrigation

o□Drinking Water

o□Industrial

o□Others

-□Turkey Solar Water Pump Market, By Operation:

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- o AC Pump

- o DC Pump

- Turkey Solar Water Pump Market, By Region:

- o Marmara region

- o Central Anatolia

- o Aegean Region

- o Mediterranean Region

- o Black Sea Region

- o South-Eastern Anatolia Region

- o Eastern Anatolia Region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Turkey Solar Water Pump Market.

Available Customizations:

Turkey Solar Water Pump Market with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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