

# Solartech Solar Pumping System PSM400



- Every sunny day, the solar pumping system can supply enough water for 1 household and their livestock and a small farm irrigation.
- It is very useful for those people who live in where access to energy is limited or nonexistent.
- Or where water sources are far from rural communities, requiring locals to travel long distances to procure water.
- Or where rely on intermittent and expensive delivery mechanisms such as diesel pumps or periodic water deliveries.
- Saving farmers a lot of labour and time which can be used to other production activities.
- Household income will be increased over 2,000USD per year.

## Features



### Cost Effective

Recommend powered  
by 1pc 330W  
Solar Panel



### Long Lifespan

Stainless Steel  
Pump  
3 Years Warranty



### Easy Install

Few plug and  
play cables,  
simple wiring  
and setting



### Support Remote Monitoring

With GPRS  
Interface  
Easy to maintain



### Support PAYG Business Model

Embedded  
encryption  
technology

## Specifications

Parameters		PSM400H	PSM400HS
Performance*	Water Head	40 – 1m	40 – 1m
	Daily Waterflow	6 – 22 m <sup>3</sup>	9 – 23 m <sup>3</sup>
Performance*	Power	400W, 36V/110Hz	
	Type	Helical Rotor	
	Screw Material	Chrome-plated Steel	AISI 304
	Outlet Dia	1 inch	
	Adating Well Dia	125 mm	
Pump Inverter	Power	600W	
	Max. DC Input Voltage	80V	
	Recommended MPP Voltage	≥ 20V	
	Protection Grade	IP65	
Solar Generator	Power	330Wp, 37Vmp	

\* Performance was based on the test result under the condition of solar radiation 6kWh/m<sup>2</sup>/day