

The logo for THRIVE, featuring the word "THRIVE" in a bold, red, sans-serif font. To the right of the text is a stylized blue graphic element consisting of two curved lines that form a partial circle or a bracket-like shape.

# Solar Water Pumps

Specially configured to suit  
farmers from the rural belt



Designed, Developed, Manufactured and Promoted by **THRIVE™ Solar Energy Pvt. Ltd.**

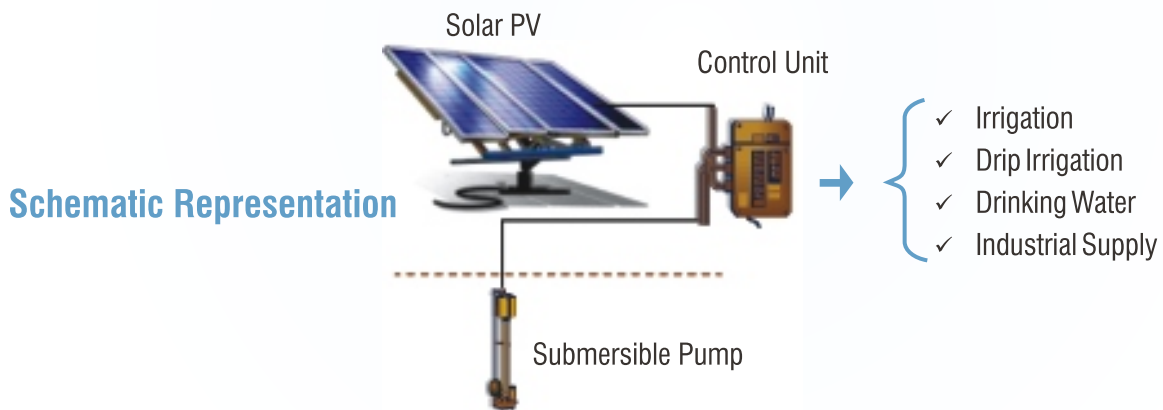
- An ISO 9001-2008 Company
- CRISIL Rated Direct Channel Partner of Ministry of New and Renewable Energy (MNRE), GOI.
- Winner of World Bank, 2006 Development Market Place Award.
- Winner of World Bank & IFC, 2008 Lighting Africa Development Market place award.
- Recipient of Frost & Sullivan 2011, Excellence Award.
- Exported to over 12 countries in Africa, Asia and Latin America.

[www.thriveenergy.co.in](http://www.thriveenergy.co.in)

## Salient Features

- Off Grid system specially designed for farmers from Tribal Belt
- Highly efficient and powerful photovoltaic array manufactured by Thrive Solar
- Can provide water for both irrigation, livestock, and drinking water
- Highly economical
- Low maintenance

# THRIVE Solar Water Pumps



## Models and Specifications

Model	Rating (HP)	PV Rating	Litres per day*
TSWP-01	1	1000Wp	15000
TSWP-02	2	2000Wp	35000
TSWP-03	3	3000Wp	57000
TSWP-05	5	5060Wp	91000

\*The flow rates are valid for 50 mtrs. of dynamic head

## System Operation

- Electronic pump control
- Combination of Inverter, Maximum Power Point Tracking (MPPT), and Variable Frequency Drive (VFD)
- DSP based intelligent MPPT gives 35% more energy from the panel
- IGBT based power stage, and wide range of operating voltages



Manufactured By



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