

## TITAN Solar Water Pumping System (TITAN-SWP)

Titan has engineered solar water pumping system which employs DC powered pumps instead of the conventional AC powered pumps. DC pumps require considerably low power and provide greater efficiency. During the day light, solar photo-voltaic modules generate DC power which is fed to the DC centrifugal surface pumps for lifting water from sources like open wells, reservoirs, streams, ponds and sumps.

The whole system is simple, robust and absolutely maintenance free for years. Rigid mounting structure is employed to withstand high wind speeds. The best utilization of this system is in remote areas where grid is not available.



### Applications

- Village water supply
- Micro-irrigation
- Agriculture water supply
- Lift irrigation
- Fish/Prawn culture ponds

### Benefits

- No grid electricity, no fuel required
- Long operating life
- Easy to install and operate
- Nature friendly
- Highly reliable
- No maintenance
- High productivity during summer because of long daylight hours.

Model No	TITAN-SWP-01	TITAN-SWP-02
Pump (hp)	1	2
Power (Wp)	746	1492
Rated voltage (V)	45	45
Solar Array (Wp)	900	1800
Mounting structure	1 Set	2 Sets
Total head(m)	10	14
Water output(LPD)	75,000	1,40,000

Note: The water output may vary with the change in total head.

System standard warranty: One year from the date of commissioning or 18 months from the date of supply, whichever is earlier.

Customized solutions: Can be provided on request.

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