

Main Features and Technical Info

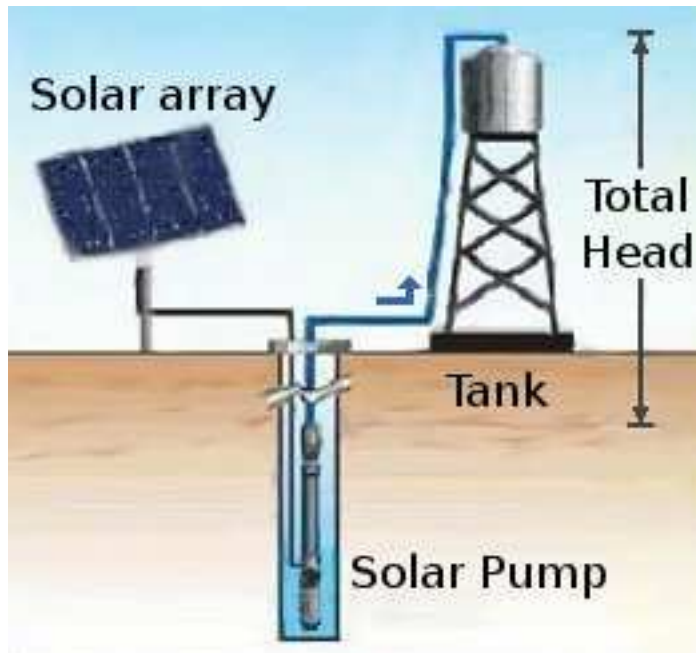
The solar pump is manufactured by LORENTZ, the world leading manufacturer for DC powered submersible pumps. A LORENTZ pump is simple to install, maintenance-free and high reliable.

Technical details of a LORENTZ pump:

The controller controls the pump system and monitors the operational state.

It is protected against reverse polarity, overload and high temperature. In solar operation, an integrated MPPT (Maximum Power Point Tracking) ensures the highest efficiency. In battery operation it will disconnect in time of low voltage and restart after battery has recovered. The enclosure is sealed and waterproof.

The submersible pump has a brushless motor, no electronics inside. The wetted materials are stainless steel, POM and rubber, the cable is drinking water approved. The pump end has a non-return valve and an optional dry-running protection. The helicopter rotor pump has just two main parts: The stator and the rotor are both more resistant to damage by sand than any other pump system. It is also self-cleaning.



Solar Pumps can lift from as deep as 230 m up to 200 m³ per day

Features:

- Brushless motor
- Corrosion-resistant
- All electronic components installed above ground
- Low-maintenance