

SOLAR PUMP WITH PHOTOVOLTAIC TRACKER SYSTEM

WHAT IS A SOLAR PUMPING SYSTEM?

- Photovoltaic plant designed to convert solar energy into electricity
- Power regulation system (DC/AC inverters, DC/AC converters, regulators, etc.)
- Motor / pump system

WHAT DOES TENTUSOL OFFER?

- Comprehensive consulting services
- Analysis of consumption and power requirements
- Design and construction of an optimal photovoltaic system

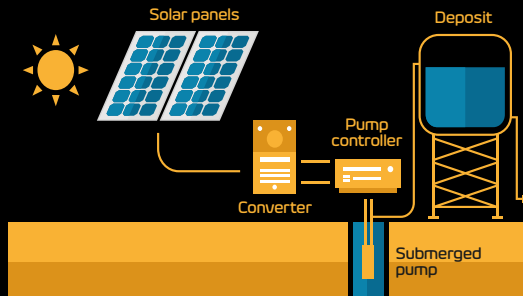
APPLICATIONS

- Agricultural irrigation (elevation irrigation, direct pumping, pivots, etc.)
- Water supply in rural communities
- Waste water treatment
- Groundwater use for agricultural uses
- Process water (recreational uses, food and beverages, buildings, high purity and water injection)

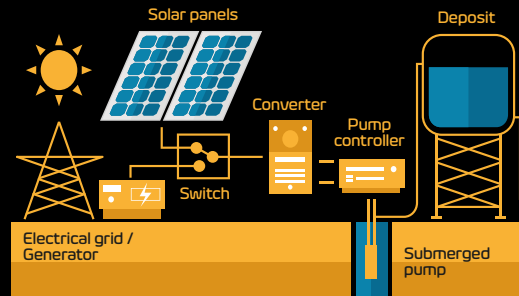
ADVANTAGES

- Adaptable to any type of pump
- Increase pumping volume with SunFollow
- Less use of PV panels to obtain the same efficiency
- Cost reduction
- Adaptable to hybrid systems
- Seasons in which there a peak demand for irrigation, coincides with periods of most sunshine
- Amortisable in 3 to 5 years
- Useful life of over 20 years
- Low maintenance

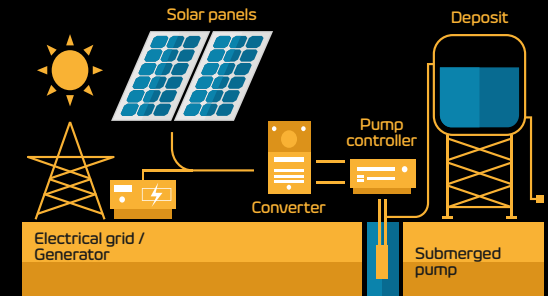
TYPES OF SYSTEMS



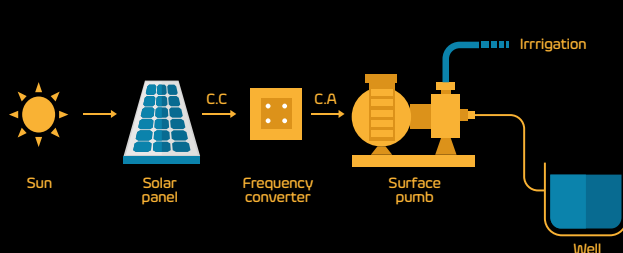
1 ISOLATED



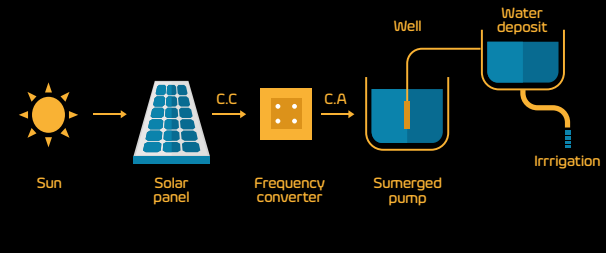
2 SWITCHED



3 HYBRID



SURFACE PUMPING SYSTEM LAYOUT.



SUMERGED PUMPING SYSTEM LAYOUT.



THE TRACKER DESIGNED FOR MAJOR CHALLENGES. EASY, FAST AND EFFICIENT.

