

# Solar Pump Systems for the Industry



aschoff  
solar

Water from the Sun  
- easy, independent and free



# Aschoff Solar

Aschoff Solar is a German System Supplier for Solar Solutions. The Aschoff Solar Systems are developed in the industry for the industry, combining the advantages of the European and international Solar Technology. German Engineering and a long term experience in Solar Technology and Plant Engineering ensure high performance, reliability and outstanding short pay-back periods.

- Save money for energy
- Reduce your CO<sub>2</sub> emissions and your carbon footprint
- Get an independent power supply

## Applications for Solar Pump Systems



Farming and Agriculture



Fresh Water Supply



Fountains



Industrial Pump Applications

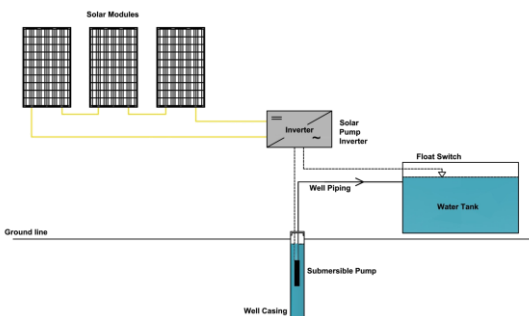
## Aschoff Solar Pump Systems

### FEATURES

- High efficient module technology
- Low costs by standardization
- Qualified solar pump inverters
- Reliable by professional support structure
- Less maintenance by quality components
- Best quality pumps from European leaders

### System

- *POWER MODULES* with efficient technology from leading manufacturers
- *PUMP INVERTER MODULES* customized for the projects and applications
- *SUPPORT STRUCTURE* with professional solutions for on ground and roof installation
- *SUBMERSIBLE PUMPS* from market leaders only



# The Solar Pump System Technology

Depending on the local solar conditions of irradiation, Aschoff Solar will choose the suitable module technology and sizing for the application. Combined with a reliable support structure, based on aluminium and static calculations following the European standards, we can guarantee long lifetime and performance of the systems. As *SOLAR PUMP SYSTEMS* require an inverter technology, which takes the special conditions of pumping and demand profiles into account, Aschoff Solar is using special pump inverters from experienced suppliers only, adopted to the requirements of the projects. Best quality and performance submersible pumps from German market leader Grundfos ensure reliability and low maintenance costs for the systems.



## **SOLAR POWER MODULES**

- 5 years product warranty
- Performance guarantee over 25 years
- Crystalline technology with best price/performance
- Less maintenance by quality components

## **SOLAR PUMP INVERTERS**

- Ensured start of the system without additional batteries or soft starters
- Taking pump characteristics into account
- Optimized MPP tracking
- Sizing including degradation and aging of the system



## **Our Quality**



Qualified Components from Leading Companies

# Why Aschoff Solar

- German engineering and design
- German quality components
- Flexible solutions for any irrigation and demand profile
- High solar energy yield
- Long lifetime and high reliability



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