

# SUNROTOR® XR



**SUNROTOR®**  
Solar Products

[www.sunrotor.com](http://www.sunrotor.com)

## The SunRotor XR Concept

- Inverters specially designed for pumping application generate three-phase AC from DC Solar input
- Operate as both inverters and pump controllers
- Allows operation of conventional 3-phase AC pumps with solar power source
- MPPT technology for high efficiency
- SPWM for optimal power over entire input range
- Each controller/pump combination is individually programmed by hand for the particular application requirements of each installation
  - 28 separate parameters
  - Ensures optimal operation
  - Ensures optimal PV investment for each application

## 4" Submersible Pumps

- Extremely wide range of depth and flow rate applications
- Power ranges from ½ HP to 7 ½ HP
- Systems can be designed for broad range of pumping requirements:
  - Flow rates to over 100 GPM
  - Depth capability to 1,000'
  - Cost effective 1 ½ HP able to deliver 4.0 GPM at 800'
  - 7 ½ HP can deliver over 100 GPM at 200' of lift

## 4" Deep Set Pumps

- Capable of extreme depth
- Power range from 2 to 7 ½ HP
- 2 HP to 1,550' lift
- 5 HP flows 5.0 GPM at 1,500'

## 6" & 8" Submersible Pumps

- Offers entirely new capability for solar powered water systems
- High flow and high lift capabilities make solar a viable technology for municipal and high volume irrigation applications
- Power ranges from 5HP to 55 HP
- Flow ranges at 100' up to 600 GPM (25 HP)
- 15 HP flows in excess of 100 GPM at 350'
- 600 GPM at 100' with 25 HP 8" Turbine Pump

# SHAKTI

Three Phase AC Motors & Pump Ends

