



Benefits

- Offer great reliability when grid power is irregular or unavailable
- Lower operating costs to help recoup purchase costs
- Easily install and relocate to meet seasonal or variable location needs
- Require minimal service and maintenance
- Powered by clean, renewable energy
- High efficiency

Features

- Permanent brushless DC motor designed for solar with over 90% efficiency
- Patent design SS 304 helical rotor, working life more than 1500 hours,
- SS 304 pump body.
- MPPT function
- Soft start function
- Dry running protection
- Adjustable speed
- Self-protecting functions



Accessories





Applications

DC Solar submersible pumps are fitted with a permanent magnet, brushless motor, which get the power from the sun, you will never have an electric bill, HR series solar helical rotor pump can not only be used for household drinking water, but also for animal husbandry and irrigation of small farms, the pump system offers the perfect water supply solution and living condition could be much improved.

Introduction

- DC24V, DC48V, DC72V Solar pumping system
- Power range: 80 - 1300w
- Head range: 30 - 180m
- Flow range: 1 - 2.3 m³/h
- Pump Outlet: 3/4"
- Requiring the quantity of solar panel from 1 - 6 pieces
 Poly / Mono 250/300 watt solar panel



Livestock water



Field irrigation



Residential

Technical data

| Model | Volatge (V) | Power (W) | Vmp (V) | Max.Flow (m ³ /h) | Max.Head (m) | Outlet (Inch) |
|-------------------|-------------|-----------|---------|------------------------------|--------------|---------------|
| 3HR80-30/1A | DC24 | 80 | 21-50 | 1 | 30 | 0.75" |
| 3HR140-50/1.3A | DC24 | 140 | 21-50 | 1.3 | 50 | 0.75" |
| 3HR210-80/1.8A | DC24 | 210 | 21-50 | 1.8 | 80 | 0.75" |
| 3HR300-100/1.8B | DC48 | 300 | 42-100 | 1.8 | 100 | 0.75" |
| 3HR500-120/1.8B | DC48 | 500 | 42-100 | 1.8 | 120 | 0.75" |
| 3HR750-140/2.3B | DC48 | 750 | 42-100 | 2.3 | 140 | 0.75" |
| 3HR1000-160/2.3C | DC72 | 1000 | 63-150 | 2.3 | 160 | 0.75" |
| 3HR1200C-180/2.3C | DC72 | 1200 | 63-150 | 2.3 | 180 | 0.75" |