

3HR DC HELICAL ROTOR PUMP

Applications

3" or bigger size wells
 3HR solar helical rotor pumps are high quality products, designed for drinking water supply, live stock, watering and smaller irrigation applications. 3HR systems deliver water economically, cleanly and reliably, anywhere.

Benifits

Permanent magnet brushless DC pump
 Excellent efficiency with MPPT, starts earlier and finishes later
 All-round protection function offers satisfied user experience
 High quality materials guarantee longer working life
 Multi LED display for simple operation
 Welcoming you as our customer to use pump sizing tools freely

Parameters:

Power: 80 - 1200 W, Voltage: DC24 - DC72
 Q.max: 2.3 m³/h, H.Max: 180 m, Outlet: 0.75"
 Speed: 500-4000 rpm, IP54 controller, IP68 pump

pick it up

ready to go,
 system in a box



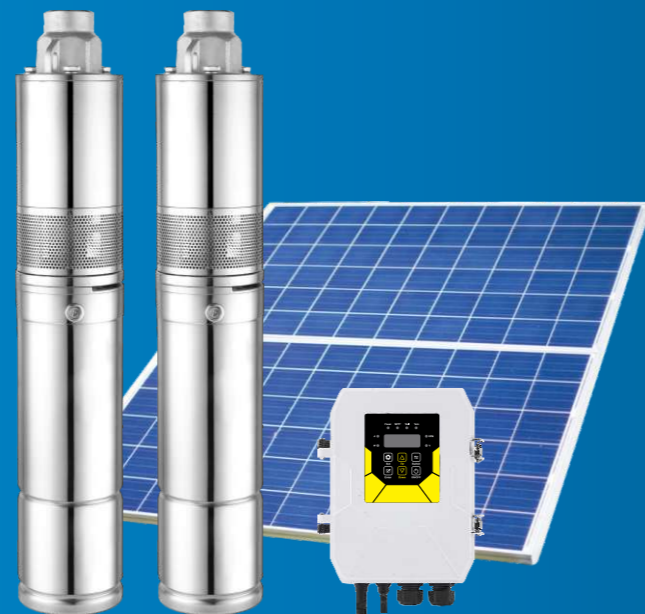
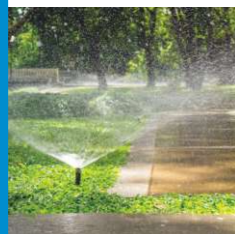
plug it in

easy wiring, save time,
 solve your problem



pump water

from any source:
 pond, stream, well



3HR DC SOLAR HELICAL ROTOR PUMP



DC Solar Controller



Helical rotor



Bearing



SS oil cylinder

TECHNICAL DATA

| Model | Voltage (V) | Power (W) | VMP (V) | VOC (V) | Q.Max (m ³ /h) | H.Max (M) | Outlet (Inch) |
|--------------------|-------------|-----------|---------|---------|---------------------------|-----------|---------------|
| 1 3HR80-30/1A | DC24 | 80 | 24-48 | <50 | 1.0 | 30 | 0.75" |
| 2 3HR140-50/1.3A | DC24 | 140 | 24-48 | <50 | 1.3 | 50 | 0.75" |
| 3 3HR210-80/1.8A | DC24 | 210 | 24-48 | <50 | 1.8 | 80 | 0.75" |
| 4 3HR300-100/1.8B | DC48 | 300 | 48-96 | <100 | 1.8 | 100 | 0.75" |
| 5 3HR500-120/1.8B | DC48 | 500 | 48-96 | <100 | 1.8 | 120 | 0.75" |
| 6 3HR750-140/2.3B | DC48 | 750 | 48-96 | <100 | 2.3 | 140 | 0.75" |
| 7 3HR750-140/2.3C | DC72 | 750 | 72-144 | <150 | 2.3 | 140 | 0.75" |
| 8 3HR1000-160/2.3C | DC72 | 1000 | 72-144 | <150 | 2.3 | 160 | 0.75" |
| 9 3HR1200-180/2.3C | DC72 | 1200 | 72-144 | <150 | 2.3 | 180 | 0.75" |

PERFORMANCE CURVE

