

## Advantages Of The Solar Water Pump

- Permanent magnet DC brushless synchronous motor: the efficiency is increased by 15%-20%, saving energy consumption and reducing the consumption of solar panels.
- The entire 304 stainless steel rotor shaft avoids the risk of shaft breakage.
- 304 stainless steel or copper outlet, connection, cylinder.
- Japanese brand NSK bearing, longer working life.
- Double bearing structure at the bottom of the rotor, using angular contact bearings, can withstand greater axial pressure.
- Silicon carbide to impregnated graphite mechanical seal: longer working life and high reliability
- The enameled wire adopts 180 °C high temperature resistant copper wire, and the insulation grade is F.
- Cold-rolled 600 silicon steel sheet stator and rotor.
- The magnet is made of 40SH aluminum iron boron material, with a temperature resistance of 150 °C