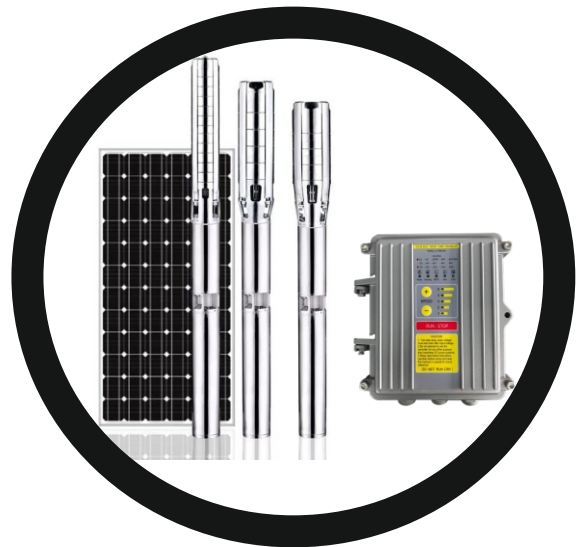




## ADISUN SOLAR DC. CENTRIFUGAL PUMPING (4SPC)SYSTEM

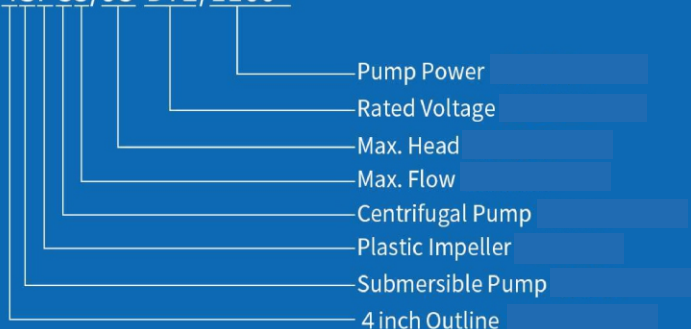
## 4INCH CENTRIFUGAL SOLAR SUBMERSIBLE PUMP (NYLON IMPELLER)

### Free Parts



### Model Description

**4SPC5/95-D72/1100**



### Material of Parts

- Outlet :Brass
- Pump Body:304 Stainless Steel
- Motor Body:304 Stainless Steel
- Bearing :NSK
- Impeller:Reinforced Nylon
- Screw :316 Stainless Steel
- Motor:Full Oil Permanent Magnet Brushless DC Motor (Without Hall)
- Controller :32bit MCU / FOC / Sine Wave Current / MPPT

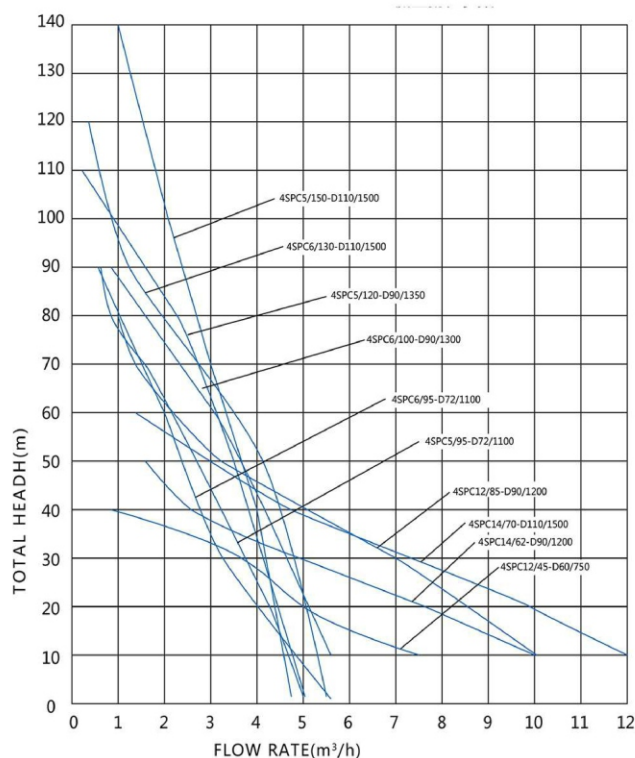


### Agriculture and animal husbandry water supply

The system is mainly composed of solar panels, water pump, solar pump controller, reservoirs and micro-irrigation systems. The system uses solar energy to drive the water pump to meet the needs of the pastures and animals. It does not need to use the city power, diesel generators or batteries, and replace the energy storage with water storage. The whole system is fully automated, maintenance-free, economical and environmentally friendly, and fast cost recovery.



## 4INCH CENTRIFUGAL SOLAR SUBMERSIBLE PUMP (NYLON IMPELLER)



Performance Chart

| MODEL               | HEAD<br>Mtrs. | 1    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150 |
|---------------------|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| 4SPC12/45-D60/750   | FLOW<br>m³/hr |      | 7.5  | 5    | 3.72 | 0.8  |      |      |      |      |      |      |      |      |      |      |     |
| 4SPC14/62-D90/1200  |               |      | 10.1 | 7.77 | 4.92 | 2.79 | 1.57 | 0    |      |      |      |      |      |      |      |      |     |
| 4SPC14/70-D110/1500 |               |      | 12.1 | 9.85 | 7.32 | 4.87 | 2.73 | 1.39 | 0    |      |      |      |      |      |      |      |     |
| 4SPC12/85-D90/1200  |               |      | 10.1 | 8.55 | 6.95 | 4.87 | 3.24 | 2.23 | 1.43 | 1    |      |      |      |      |      |      |     |
| 4SPC5/95-D72/1100   |               | 5.07 | 4.85 | 4.41 | 3.84 | 3.34 | 2.72 | 2.12 | 1.65 | 0.92 | 0.58 |      |      |      |      |      |     |
| 4SPC6/95-D72/1100   |               | 5.61 | 5.11 | 4.18 | 3.31 | 2.43 | 2.21 | 2    | 1.51 | 0.79 | 0.56 |      |      |      |      |      |     |
| 4SPC6/100-D90/1300  |               |      | 5.65 | 5.23 | 4.84 | 4.33 | 3.72 | 3.1  | 2.51 | 1.65 | 0.94 | 0    |      |      |      |      |     |
| 4SPC5/120-D90/1350  |               | 5.17 | 4.91 | 4.87 | 4.45 | 4.03 | 3.55 | 3.08 | 2.49 | 2.33 | 1.41 | 0.73 | 0.28 | 0    |      |      |     |
| 4SPC6/130-D110/1500 |               | 5.53 | 5.48 | 5.39 | 5.07 | 4.67 | 4.19 | 3.75 | 3.29 | 2.89 | 2.32 | 1.78 | 1.06 | 0.45 | 0    |      |     |
| 4SPC5/150-D110/1500 |               | 4.86 | 4.79 | 4.71 | 4.45 | 4.14 | 3.76 | 3.41 | 3.05 | 2.73 | 2.38 | 2.14 | 1.73 | 1.55 | 1.36 | 1.04 | 0   |

Technical Details

| MODEL               | POWER  |        | Voltage | Voltage Range | Max Flow | Max Head  | Outlet    | Outline |
|---------------------|--------|--------|---------|---------------|----------|-----------|-----------|---------|
| 4SPC12/45-D60/750   | 750 W  | 1.0 HP | 60 VDC  | 30~80 VDC     | 12 m³/hr | 45 Mtrs.  | 1.5 inch  | 4 inch  |
| 4SPC14/62-D90/1200  | 1200 W | 1.6 HP | 90 VDC  | 30~132 VDC    | 14 m³/hr | 62 Mtrs.  | 2 inch    | 4 inch  |
| 4SPC14/70-D110/1500 | 1500 W | 2.0 HP | 110 VDC | 30~140 VDC    | 14 m³/hr | 70 Mtrs.  | 2 inch    | 4 inch  |
| 4SPC12/85-D90/1200  | 1200 W | 1.6 HP | 90 VDC  | 30~132 VDC    | 12 m³/hr | 85 Mtrs.  | 1.5 inch  | 4 inch  |
| 4SPC5/95-D72/1100   | 1100 W | 1.5 HP | 72 VDC  | 30~100 VDC    | 5 m³/hr  | 95 Mtrs.  | 1.25 inch | 4 inch  |
| 4SPC6/95-D72/1100   | 1100 W | 1.5 HP | 72 VDC  | 30~100 VDC    | 6 m³/hr  | 95 Mtrs.  | 1.25 inch | 4 inch  |
| 4SPC6/100-D90/1300  | 1300 W | 1.7 HP | 90 VDC  | 30~132 VDC    | 6 m³/hr  | 100 Mtrs. | 1.25 inch | 4 inch  |
| 4SPC5/120-D90/1350  | 1350 W | 1.8 HP | 90 VDC  | 30~132 VDC    | 5 m³/hr  | 120 Mtrs. | 1.25 inch | 4 inch  |
| 4SPC6/130-D110/1500 | 1500 W | 2.0 HP | 110 VDC | 30~140 VDC    | 6 m³/hr  | 130 Mtrs. | 1.25 inch | 4 inch  |
| 4SPC5/150-D110/1500 | 1500 W | 2.0 HP | 110 VDC | 30~140 VDC    | 5 m³/hr  | 150 Mtrs. | 1.25 inch | 4 inch  |





## Adisun Solar India Pvt.Ltd.

**Office:** Samruddhi Enclave , office - 3A ,Nr.Muktanagan School , Parvati Pune - 09.

**Factory:** Gate No.311,Plot No.8-9,Gaud Dara Road,Near Chate College, Bandewadi (Khed- shivapur), Pune - 412205 India.



+91 992 299 5520 | +91 992 299 7720



admin@adisunsolar.com | sales@adisunsolar.com



www.adisunsolar.com | www.adisun.in

