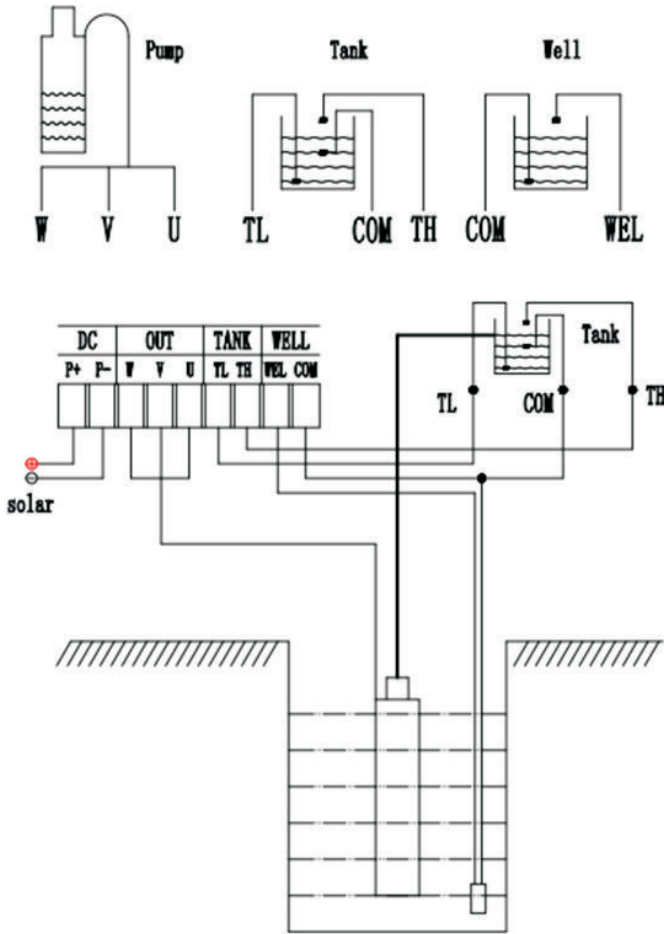




SOLAR WATER PUMP



PUMP VOLTAGE (V)	SOLAT PANEL (W)	PEAK VOLTAGE VMP(V)	OPEN CIRCUIT VOLTAGE VOC(V)
24V	≥1.3PUMP POWER	≥18	18V-50V
36V	≥1.3PUMP POWER	≥30	30V-96V
48V	≥1.3PUMP POWER	≥30	30V-96V
72V	≥1.3PUMP POWER	≥50	50V-150V
96V	≥1.3PUMP POWER	≥60	60V-180V
110V	≥1.3PUMP POWER	≥60	60V-180V



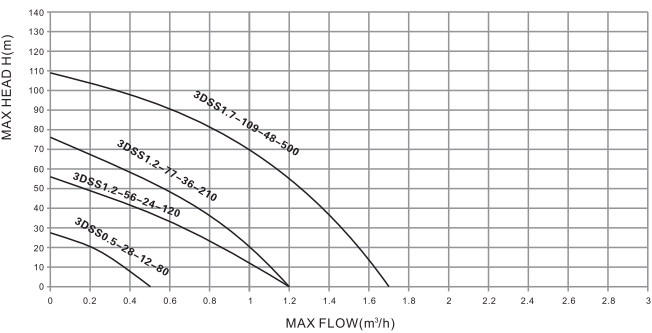
Advantage

1. Permanent magnet DC brushless synchronous motor: The efficiency is improved by 15%–20%; Save energy; Reduce the consumption of solar panels.
2. 304 S/S pump shaft.
3. Brass outlet/connector/ oil cylinder.
4. Japanese NSK bearing, the working life will be 3 to 5 times prolonged.
5. Double bearing motor base can work under more axial pressure
6. Alloy mechanical seal: Longer working life and high reliability.
7. Motor coil is made by automatic winding machine with centralized winding technology, motor efficiency is much improved.
8. Intelligent water shortage protection: The pump stops working automatically when there is no water in the well, and automatically start working 30 minutes later.

- (1) Waterproof grade: IP65
- (2) Ambient temperature: –15℃~60℃
- (3) Max. input current: 15A
- (4) MPPT function, the solar power utilization rate is higher.
- (5) Automatic charging function: Guarantee the pump normally working, meanwhile charge the battery; And when there is no sunshine, the battery can make the pump continuously working.
- (6) LED displays the power, voltage, current, speed etc working condition.
- (7) Frequency conversion function: It can automatically run with frequency conversion according to the solar power, and user also can change the speed of pump manually.
- (8) Automatically start and stop working.
- (9) Water proof and leak–proof: Double seal effect.
- (10) Soft start: No impulse current, protect the pump motor.
- (11) High voltage/Low voltage/Over–current/High temperature protection

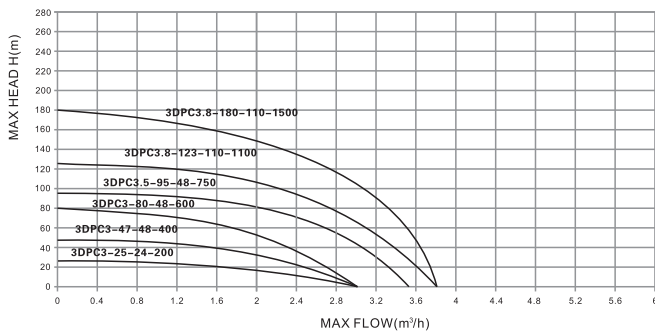
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Tel: 0086-574-88034090
Fax: 0086-574-87111961
Email: info@diffulpump.com
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3"SCREW SOLAR PUMP



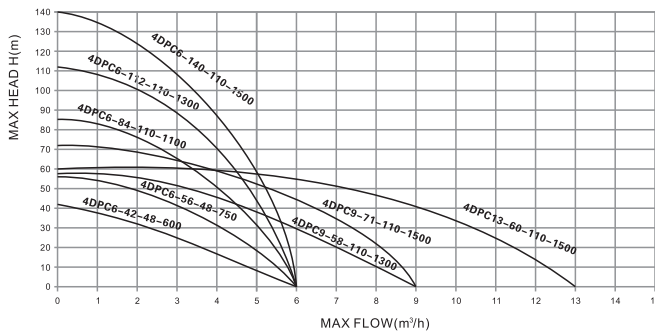
Model	Power (w)	Voltage (v)	Max flow (m³/h)	Max head (m)	Outlet (inch)
3DSS0.5-28-12-80	80	12	0.5	28	1"/0.75"
3DSS1.2-56-24-120	120	24	1.2	56	1"/0.75"
3DSS1.2-77-36-210	210	36	1.2	77	1"/0.75"
3DSS1.7-109-48-500	500	48	1.7	109	1"/0.75"

3"SOLAR PUMP with plastic impeller



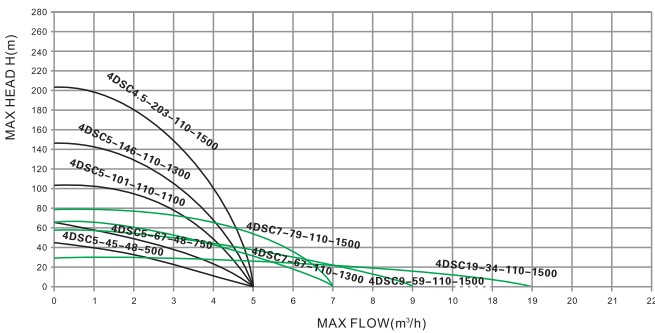
Model	Power (w)	Voltage (v)	Max flow (m³/h)	Max head (m)	Outlet (inch)
3DPC3-25-24-200	200	24	3	25	1"
3DPC3-47-48-400	400	48	3	47	1.25"
3DPC3-80-48-600	600	48	3	80	1.25"
3DPC3-80-72-600	600	72	3	80	1.25"
3DPC3.5-95-48-750	750	48	3.5	95	1.25"
3DPC3.5-95-72-750	750	72	3.5	95	1.25"
3DPC3.8-123-110-1100	1100	110	3.8	123	1.25"
3DPC3.8-180-110-1500	1500	110	3.8	180	1.25"

4"SOLAR PUMP with plastic impeller



Model	Power (w)	Voltage (v)	Max flow (m³/h)	Max head (m)	Outlet (inch)
4DPC6-42-48-600	600	48	6	42	1.25"
4DPC6-42-72-600	600	72	6	42	1.25"
4DPC6-56-48-750	750	48	6	56	1.25"
4DPC6-56-72-750	750	72	6	56	1.25"
4DPC6-84-110-1100	1100	110	6	84	1.25"
4DPC6-112-110-1300	1300	110	6	112	1.25"
4DPC6-140-110-1500	1500	110	6	140	1.25"
4DPC9-58-110-1300	1300	110	9	58	2"
4DPC9-71-110-1500	1500	110	9	71	2"
4DPC13-60-110-1500	1500	110	13	60	2"

4"SOLAR PUMP with s/s impeller



Model	Power (w)	Voltage (v)	Max flow (m³/h)	Max head (m)	Outlet (inch)
4DSC5-45-48-500	500	48	5	45	1.25"
4DSC5-67-48-750	750	48	5	67	1.25"
4DSC5-67-72-750	750	72	5	67	1.25"
4DSC5-101-110-1100	1100	110	5	101	1.25"
4DSC5-146-110-1300	1300	110	5	146	1.25"
4DSC4.5-203-110-1500	1500	110	4.5	203	1.25"
4DSC7-67-110-1300	1300	110	7	67	1.25"
4DSC7-79-110-1500	1500	110	7	79	1.25"
4DSC9-59-110-1500	1500	110	9	59	2"
4DSC19-34-110-1500	1500	110	19	34	2"