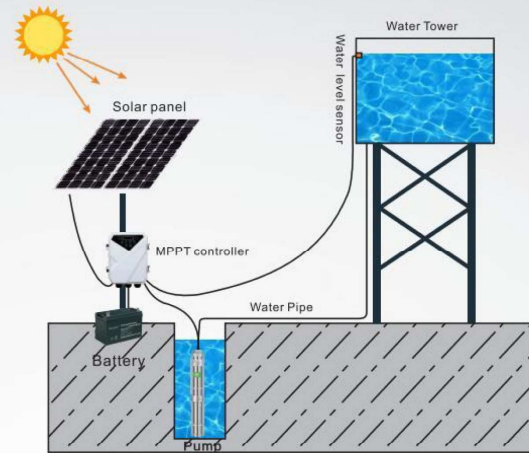
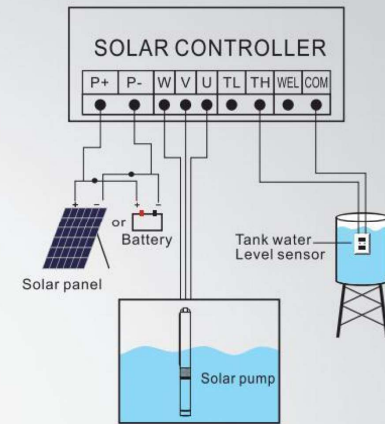


DC SUBMERSIBLE PUMP

Environmental protection and energy saving



DC EXTERNAL CONTROLLER TYPE



DC:12-110V

ADVANTAGE OF DC SOLAR PUMP

1. Permanent magnet DC brushless synchronous motor: The efficiency is increased by 15% – 20%, saving energy consumption.
2. The whole 304 stainless steel rotor shaft avoids the risk of shaft breakage.
3. Brass/Stainless steel outlet/connector/ oil cylinder, with better corrosion resistance.
4. Japanese NSK bearing, longer working life.
5. Double bearing structure at the bottom of rotor, using angular contact bearing, can withstand greater axial pressure.
6. Silicon carbide-impregnated graphite mechanical seal, long service life and reliable operation.
7. 180°C high temperature resistant copper wire, insulation class F.
8. Cold rolled 600 silicon steel sheet stator and rotor.
9. The magnet is made of 40SH aluminum iron boron, with a temperature resistance of 150°C.
10. 304 S/S pump shaft.
11. Controller:
 - (1) Waterproof grade: IP65
 - (2) Wide open circuit voltage range
 - (3) Ambient temperature: -15°C~60°C
 - (4) MPPT function, the solar power utilization rate is higher.
 - (5) LED displays the power, voltage, current, speed etc working condition.
 - (6) It can automatically adjust the speed for operation according to the sunlight power, and can also manually adjust the speed for operation according to the actual demand.
 - (7) Automatic startup and shutdown, without personnel on duty.
 - (8) Soft start: No impulse current, protect the pump motor.
 - (9) Over-voltage/undervoltage/over-current/phase loss/short circuit/water shortage/high temperature protection etc.
12. 2 years warranty.

3DPC

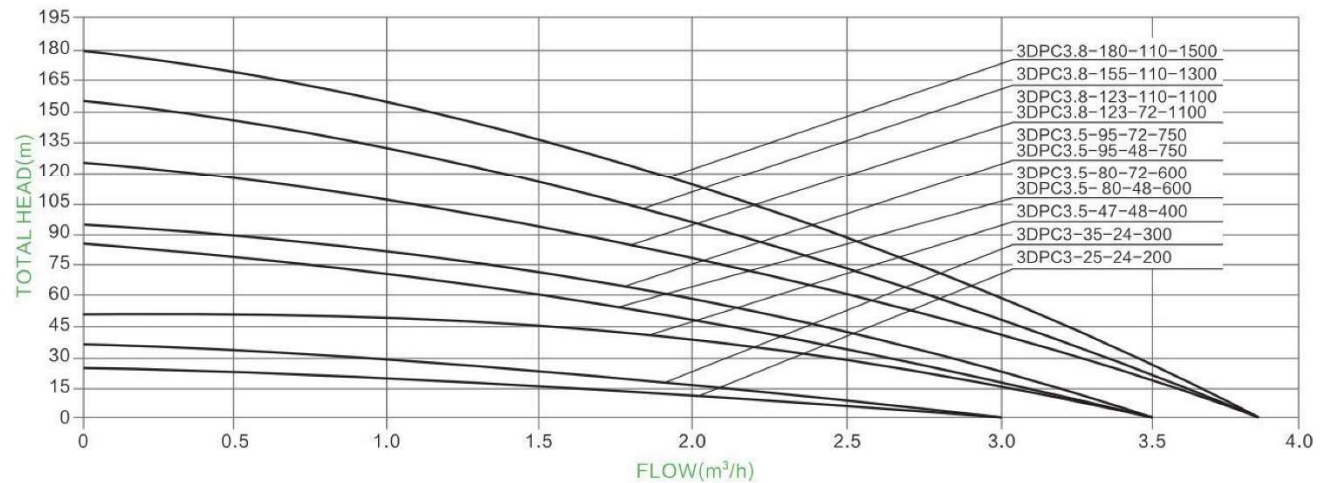
3"DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3DPC3-25-24-200	24V	30V-48V	200W	3.0m ³ /h	25m	1.25"	2m	<55V	≥1.3*PUMP POWER
3DPC3-35-24-300	24V	30V-48V	300W	3.0m ³ /h	35m	1.25"	2m	<55V	≥1.3*PUMP POWER
3DPC3.5-47-48-400	48V	60V-90V	400W	3.5m ³ /h	47m	1.25"	2m	<105V	≥1.3*PUMP POWER
3DPC3.5-80-48-600	48V	60V-90V	600W	3.5m ³ /h	80m	1.25"	2m	<105V	≥1.3*PUMP POWER
3DPC3.5-80-72-600	72V	90V-120V	600W	3.5m ³ /h	80m	1.25"	2m	<160V	≥1.3*PUMP POWER
3DPC3.5-95-48-750	48V	60V-90V	750W	3.5m³/h	95m	1.25"	2m	<105V	≥1.3*PUMP POWER
3DPC3.5-95-72-750	72V	90V-120V	750W	3.5m ³ /h	95m	1.25"	2m	<160V	≥1.3*PUMP POWER
3DPC3.8-123-72-1100	72V	90V-120V	1100W	3.8m ³ /h	123m	1.25"	2m	<160V	≥1.3*PUMP POWER
3DPC3.8-123-110-1100	110V	110V-150V	1100W	3.8m ³ /h	123m	1.25"	2m	<210V	≥1.3*PUMP POWER
3DPC3.8-155-110-1300	110V	110V-150V	1300W	3.8m ³ /h	155m	1.25"	2m	<210V	≥1.3*PUMP POWER
3DPC3.8-180-110-1500	110V	110V-150V	1500W	3.8m ³ /h	180m	1.25"	2m	<210V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS

