



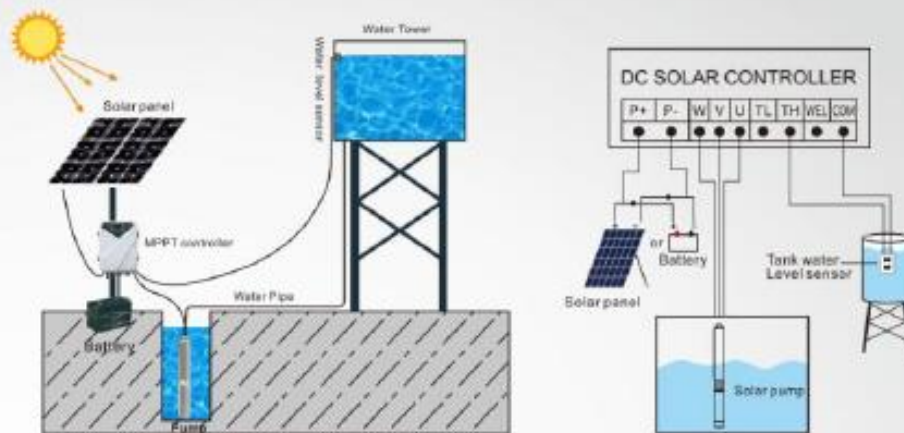
SOLAR PUMP

PROFESSIONAL SOLAR PUMP MANUFACTURER



DC SUBMERSIBLE PUMP

Environmental protection and energy saving



DC EXTERNAL CONTROLLER TYPE

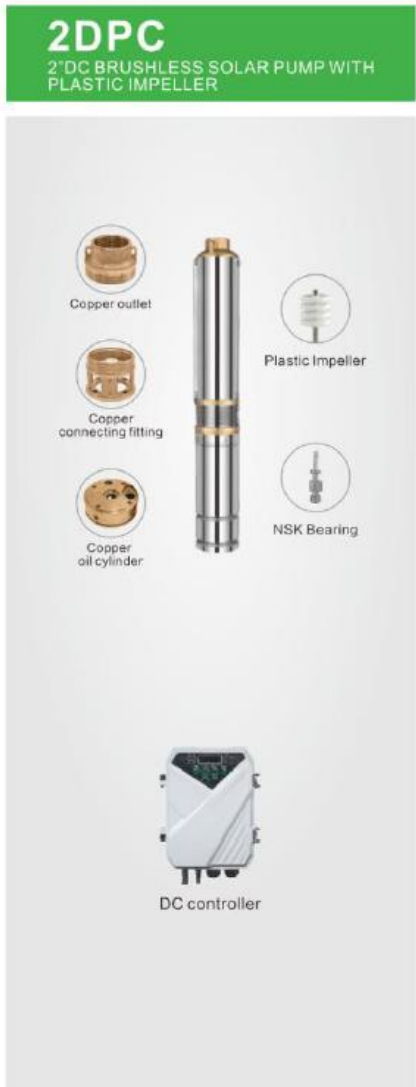
ADVANTAGE OF DC SOLAR PUMP

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.

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Bombas de impulsor de plástico

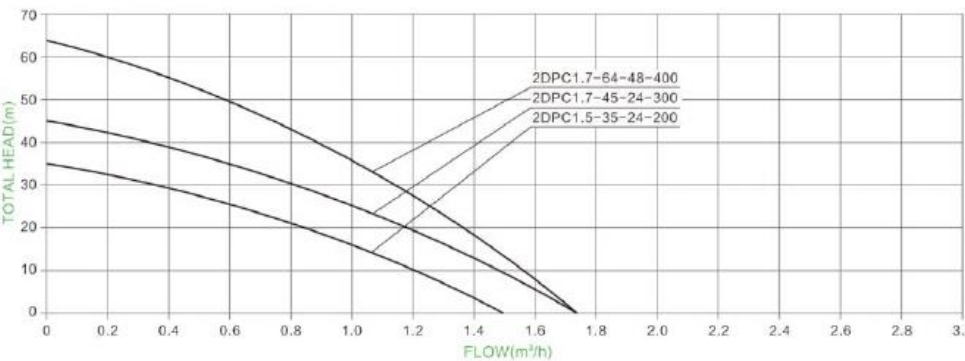
2DPC1.7-64-48-400



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
2DPC1.5-35-24-200	24V	30V-48V	200W	1.5m³/h	35m	0.75"	2m	<55V	≥1.3*PUMP POWER
2DPC1.7-45-24-300	24V	30V-48V	300W	1.7m³/h	45m	0.75"	2m	<55V	≥1.3*PUMP POWER
2DPC1.7-64-48-400	48V	60V-90V	400W	1.7m³/h	64m	0.75"	2m	<105V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



M-646

Bombas con impulsor de acero inox

4DSC7.5-100-110-1500



4DSC

4" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel
Impeller



Stainless steel
oil cylinder



NSK Bearing

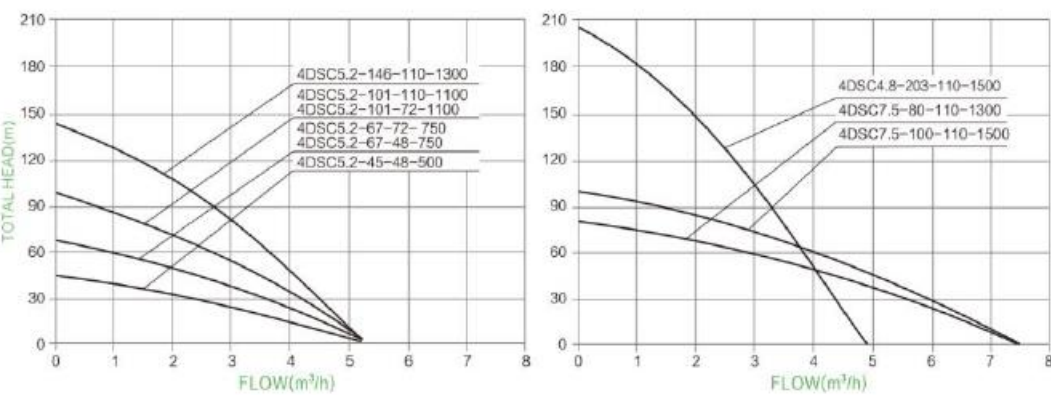


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DSC5.2-45-48-500	48V	60V-90V	500W	5.2m³/h	45m	1.25"	2m	<105V	≥1.3*PUMP POWER
4DSC5.2-67-48-750	48V	60V-90V	750W	5.2m³/h	67m	1.25"	2m	<105V	≥1.3*PUMP POWER
4DSC5.2-67-72-750	72V	90V-120V	750W	5.2m³/h	67m	1.25"	2m	<160V	≥1.3*PUMP POWER
4DSC5.2-101-72-1100	72V	90V-120V	1100W	5.2m³/h	101m	1.25"	2m	<160V	≥1.3*PUMP POWER
4DSC5.2-101-110-1100	110V	110V-150V	1100W	5.2m³/h	101m	1.25"	2m	<210V	≥1.3*PUMP POWER
4DSC5.2-146-110-1300	110V	110V-150V	1300W	5.2m³/h	146m	1.25"	2m	<210V	≥1.3*PUMP POWER
4DSC4.8-203-110-1500	110V	110V-150V	1500W	4.8m³/h	203m	1.25"	2m	<210V	≥1.3*PUMP POWER
4DSC7.5-80-110-1300	110V	110V-150V	1300W	7.5m³/h	80m	1.25"	2m	<210V	≥1.3*PUMP POWER
4DSC7.5-100-110-1500	110V	110V-150V	1500W	7.5m³/h	100m	1.25"	2m	<210V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS



M-648

Bombas de suelo domésticas

DQB3-65-72-750



DQB/DQB-A/D

DZB/DZB-A/D

DC AND AC/DC BRUSHLESS SURFACE SOLAR PUMP

DQB

DZB

DC controller

AC/DC auto-switching controller (≤2.2KW)

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TECHNICAL DATA

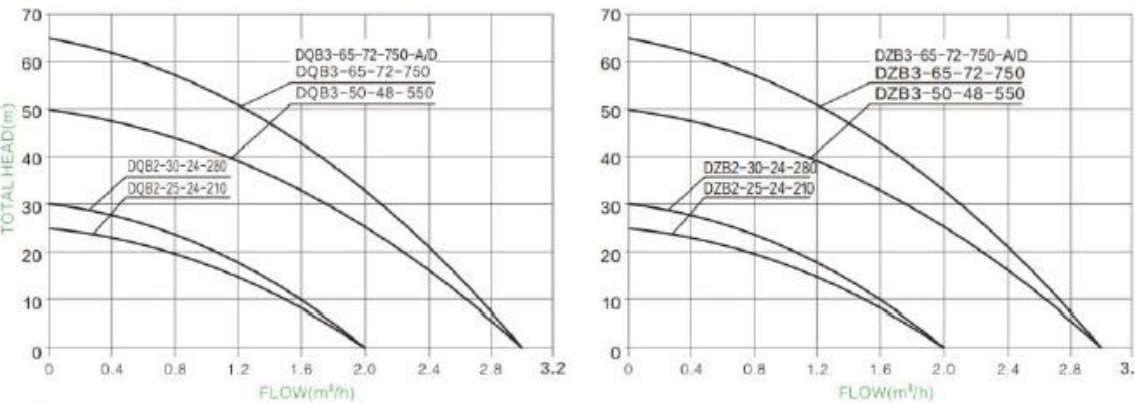
ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DQB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1×1"	2m	<55V	≥1.3*PUMP POWER
DQB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1×1"	2m	<55V	≥1.3*PUMP POWER
DQB3-50-48-550	48V	60V-90V	550W	3m³/h	50m	1×1"	2m	<105V	≥1.3*PUMP POWER
DQB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1×1"	2m	<160V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DQB3-65-72-750-A/D	85V-280V	80V-430V	750W	3m³/h	65m	1×1"	2m	<430V	≥1.3*PUMP POWER

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DZB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1×1"	2m	<55V	≥1.3*PUMP POWER
DZB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1×1"	2m	<55V	≥1.3*PUMP POWER
DZB3-50-48-550	48V	60V-90V	550W	3m³/h	50m	1×1"	2m	<105V	≥1.3*PUMP POWER
DZB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1×1"	2m	<160V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
DZB3-65-72-750-A/D	85V-280V	80V-430V	750W	3m³/h	65m	1×1"	2m	<430V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



FREE SPARE PARTS

