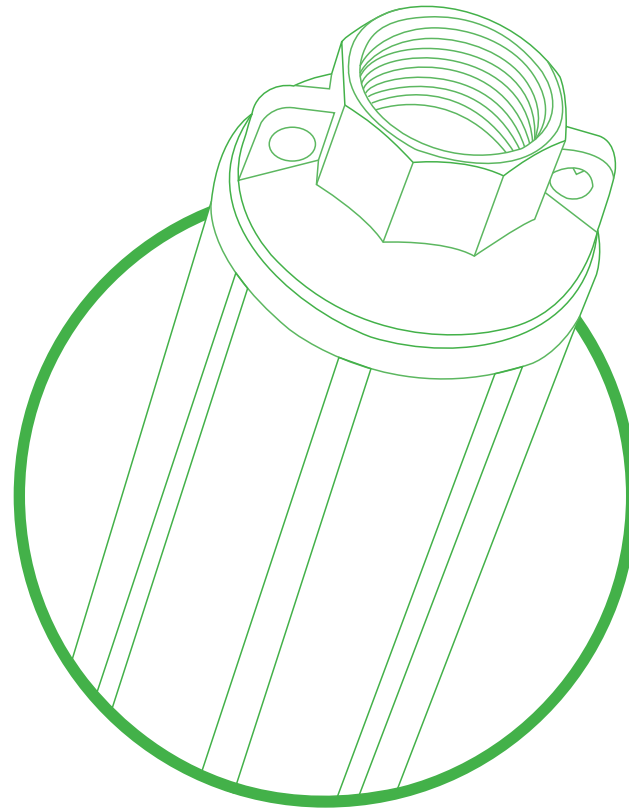


PROFESSIONAL SOLAR PUMP MANUFACTURER



SOLAR WATER PUMP

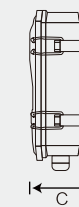
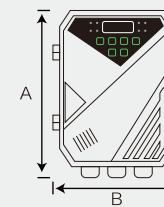
ADVANTAGE OF DC SOLAR PUMP

- 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 or stainless steel outlet/connector/ oil cylinder.
- 4、 Japanese NSK bearing: prolong the working life.
- 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.
- 9、 Controller:
 - (1)Waterproof grade: IP65
 - (2)Ambient temperature: -15°C~60°C
 - (3)MPPT function, the solar power utilization rate is higher.
 - (4)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.
 - (5)LED displays the power, voltage, current, speed etc working condition.
 - (6)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.
 - (7)Automatically start and stop working.
 - (8)Water proof and leak-proof: Double seal effect.
 - (9)Soft start: No impulse current, protect the pump motor.
 - (10)High voltage/Low voltage/Over-current/High temperature protection
- 10、 2 years warranty.

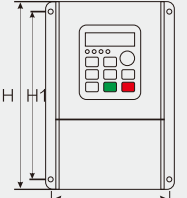
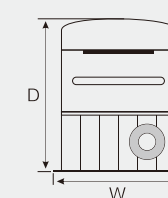
CONTROLLER



DC controller



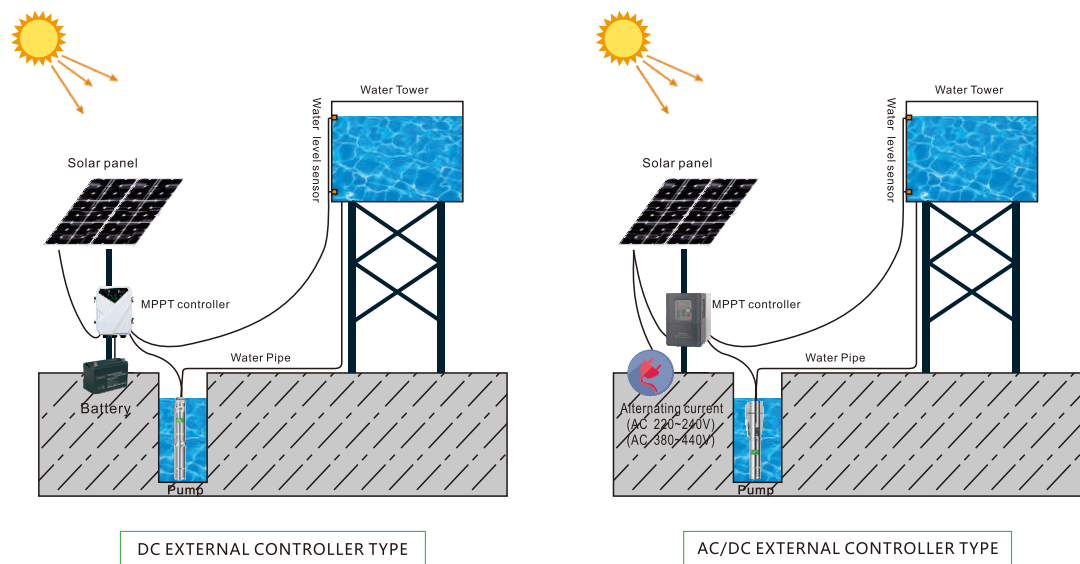
AC/DC controller



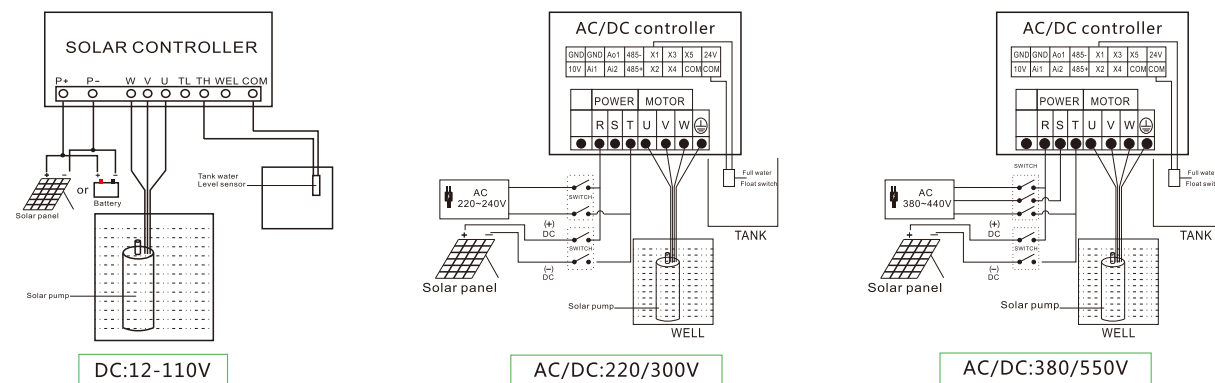
| Model | Dimensions | | | Weight(kg) |
|---------------|------------|----|-----|------------|
| | (mm) | | | |
| | A | B | C | |
| DC controller | 23.8 | 18 | 9.5 | 1.5 |

| Inverter model | Installation hole site mm | | Outline dimension mm | | | Mounting bolt (mm) | Fig / Dim |
|----------------|---------------------------|-----|----------------------|-----|-----|--------------------|-----------|
| | W1 | H1 | W | H | D | | |
| 220/300-750W | 117 | 135 | 125 | 155 | 130 | M4 | Fig 1 |
| 220/300-1100W | | | | | | | |
| 220/300-1300W | | | | | | | |
| 220/300-1500W | | | | | | | |
| 220/300-2200W | | | | | | | |
| 380/550-2200W | | | | | | | |
| 380/550-3000W | 117 | 135 | 125 | 155 | 155 | | |
| 380/550-4000W | 117 | 135 | 125 | 155 | 155 | | |

| Fault Type Of DC Controller | | | |
|-----------------------------|-----------------------------|--|--|
| Fault Code | Fault Description | Causes and Solutions of Fault | Recovery Procedure |
| P0 | Hardware Overcurrent | <ul style="list-style-type: none"> Motor model is mismatch, please choose matching pumps UVW three-phase short-circuit connection, please rewiring to ensure the normal installation of UVW | Automatically remove after 30s |
| P43 | Phase Protection | UVW three-phase open circuit, please rewiring to ensure it reliable contact. | Automatically remove after 30s |
| P46 | Stall Protection | <ul style="list-style-type: none"> Motor model is mismatch, please choose matching pumps Pump extension cord is too long, please reduce the extension cord Power is too low, increase the power supply Pump bearing is stuck, please clean pump bearings | Automatically remove after 30s |
| P49 | Software Overcurrent | <ul style="list-style-type: none"> Water pump bearing stuck, clean pump bearings UVW three-phase short-circuit connection, please rewiring to ensure the normal installation of UVW | Automatically remove after 30s |
| P50 | Low Voltage Protection | The input voltage is too low, please distribute power refer to the electrical characteristics. | Voltage return to normal, remove the fault immediately |
| P51 | High Voltage Protection | The input voltage is too high, please distribute power refer to the electrical characteristics. | Voltage return to normal, remove the fault immediately |
| P48 | Dry-run Protection | <ul style="list-style-type: none"> Not all of air in the pump is exhausted, cut off the power, re-power and start the pump drainage after 30 seconds There is no water in the water tank waiting for water, it will restart | Automatically clear after 30 minutes or re-power to clear |
| P60 | High Temperature Protection | The temperature of controller MCU is more than 90° C | Automatically clear after the temperature is normal |
| E8 | Current Sampling Failure | Cut off the power and restart after 30 seconds | Restart the power |
| PL | Power Shortage | <ul style="list-style-type: none"> No sunlight, waiting for the sunlight to restart Solar panel matching error, refer to the recommendation to match correctly | At the first 5 times, it will removal after 30 seconds, and then 30 minutes to removal |
| ALARM | Reverse connection protect | Exchange the positive and negative wire | Restart the power |



SYSTEM INSTALLATION DRAWING

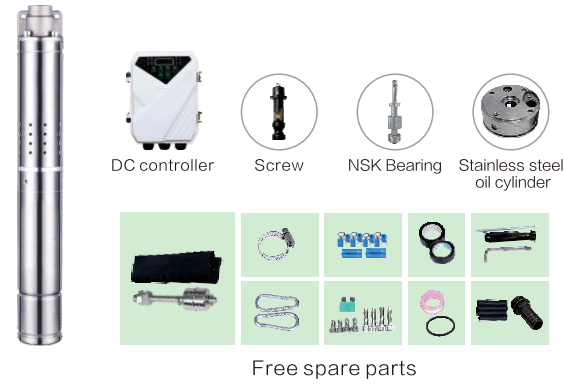


WORKING ENVIRONMENT AND ELECTRICAL PROPERTY

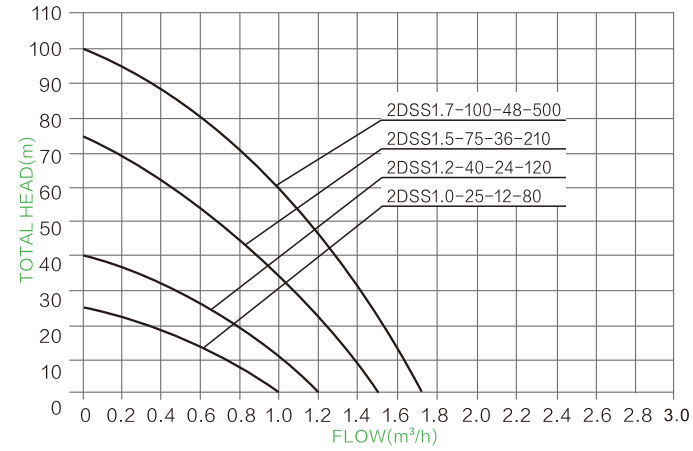
| Controller and Pump Matching Method | | | | | |
|-------------------------------------|-----------------|-----------------------|------------------------------|------------------------|--------------------------|
| Controller Model | Adaptable Pump | Max.Input Current (A) | Max.Open Circuit Voltage (V) | MPPT Voltage Range (V) | Working Temperature (°C) |
| DF-12 | Rated 12V Pump | 15 | <48 | 30-48 | -15-60 |
| DF-24 | Rated 24V Pump | 15 | <48 | 30-48 | -15-60 |
| DF-36 | Rated 36V Pump | 15 | <48 | 30-58 | -15-60 |
| DF-48 | Rated 48V Pump | 15 | <100 | 60-90 | -15-60 |
| DF-72 | Rated 72V Pump | 15 | <150 | 90-120 | -15-60 |
| DF-110 | Rated 110V Pump | 15 | <200 | 110-150 | -15-60 |
| DF-220 | Rated 220V Pump | 15 | <450 | 300-400 | -15-60 |
| DF-380 | Rated 380V Pump | 15 | <800 | 480-750 | -15-60 |

2DSS

2"DC BRUSHLESS SCREW SOLAR PUMP



HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

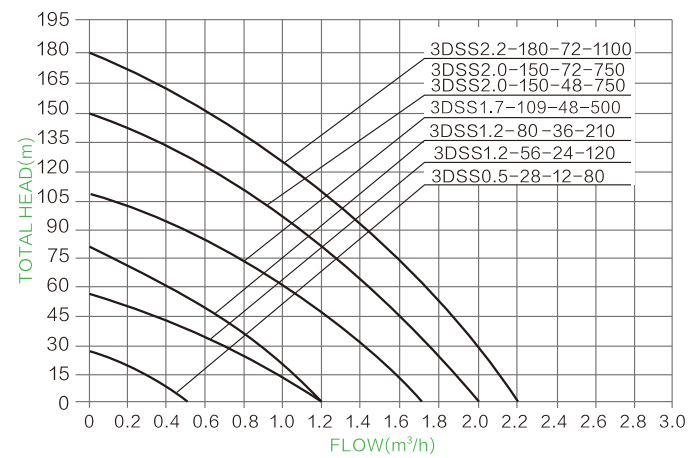
| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|--------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 2DSS1.0-25-12-80 | 12V | 20V-36V | 80W | 1.0m³/h | 25m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 2DSS1.2-40-24-120 | 24V | 30V-48V | 120W | 1.2m³/h | 40m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 2DSS1.5-75-36-210 | 36V | 30V-48V | 210W | 1.5m³/h | 75m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 2DSS1.7-100-48-500 | 48V | 60V-90V | 500W | 1.7m³/h | 100m | 0.75" | 2m | <100V | ≥1.3*PUMP POWER |

3DSS

3"DC BRUSHLESS SCREW SOLAR PUMP



HYDRAULIC PERFORMANCE CURVES

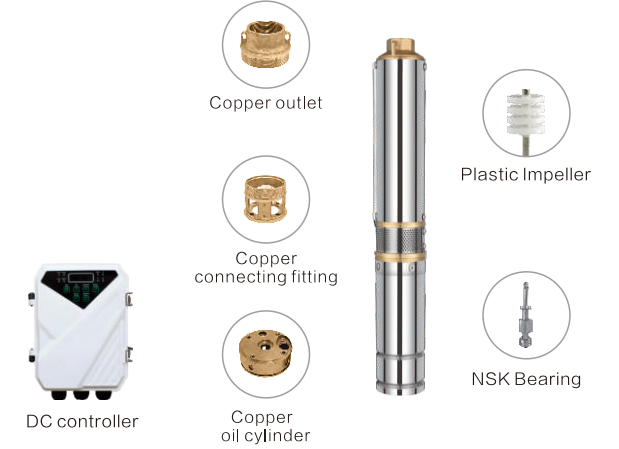


TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|---------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 3DSS0.5-28-12-80 | 12V | 20V-36V | 80W | 0.5m³/h | 28m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 3DSS1.2-56-24-120 | 24V | 30V-48V | 120W | 1.2m³/h | 56m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 3DSS1.2-80-36-210 | 36V | 30V-48V | 210W | 1.2m³/h | 80m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 3DSS1.7-109-48-500 | 48V | 60V-90V | 500W | 1.7m³/h | 109m | 0.75" | 2m | <100V | ≥1.3*PUMP POWER |
| 3DSS2.0-150-48-750 | 48V | 60V-90V | 750W | 2.0m³/h | 150m | 0.75" | 2m | <100V | ≥1.3*PUMP POWER |
| 3DSS2.0-150-72-750 | 72V | 90V-120V | 750W | 2.0m³/h | 150m | 0.75" | 2m | <150V | ≥1.3*PUMP POWER |
| 3DSS2.2-180-72-1100 | 72V | 90V-120V | 1100W | 2.2m³/h | 180m | 0.75" | 2m | <150V | ≥1.3*PUMP POWER |

2DPC

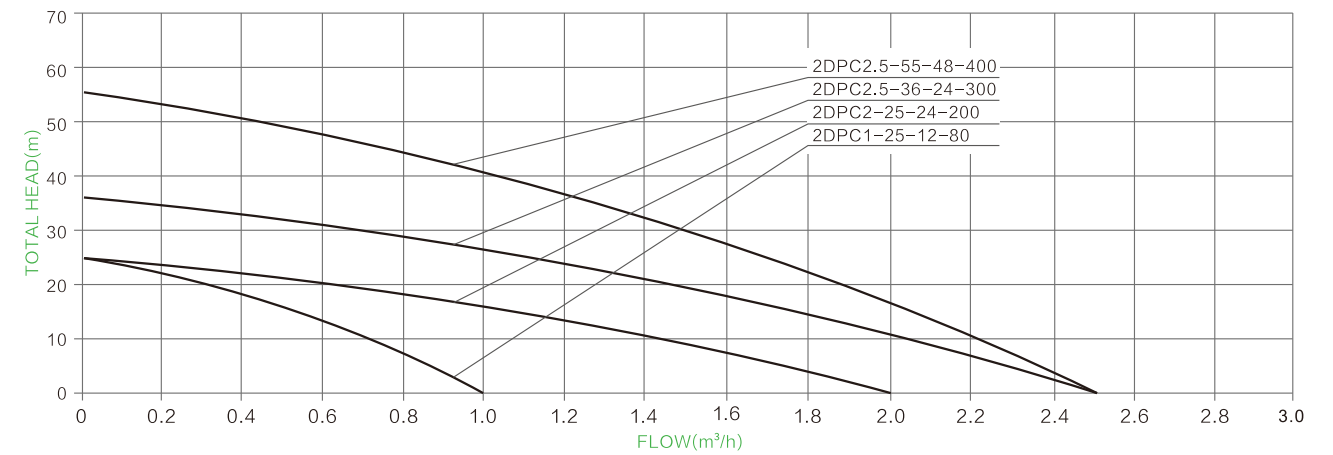
3" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



FREE SPARE PARTS



HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

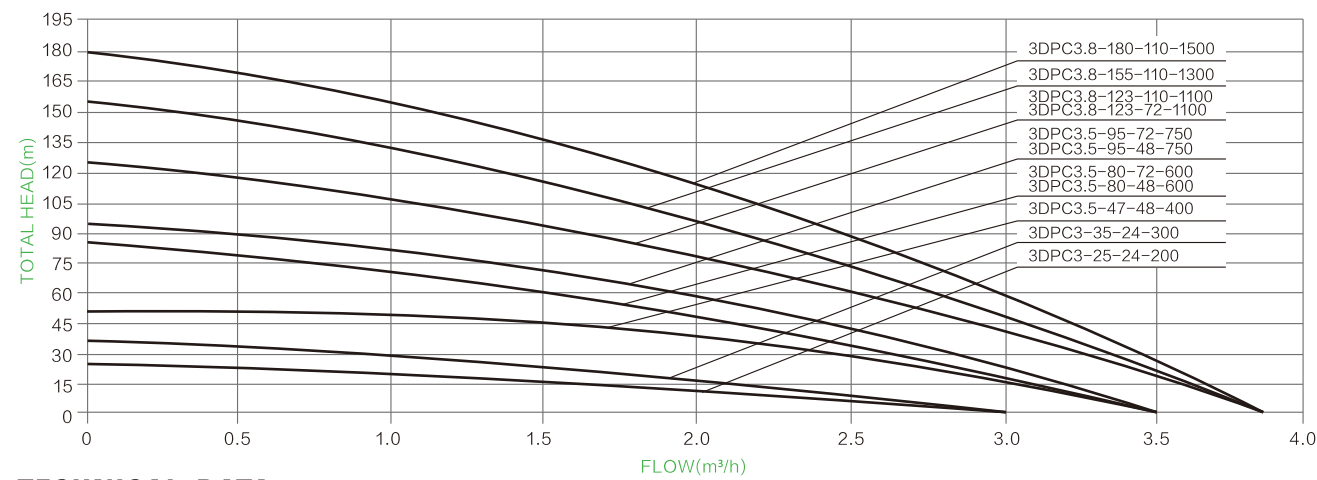
| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 2DPC1.0-25-12-80 | 12V | 20V-36V | 80W | 1.0m³/h | 25m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 2DPC2.0-25-24-200 | 24V | 30V-48V | 200W | 2.0m³/h | 25m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 2DPC2.5-36-24-300 | 24V | 30V-48V | 300W | 2.5m³/h | 36m | 0.75" | 2m | <50V | ≥1.3*PUMP POWER |
| 2DPC2.5-55-48-400 | 48V | 60V-90V | 400W | 2.5m³/h | 55m | 0.75" | 2m | <100V | ≥1.3*PUMP POWER |



FREE SPARE PARTS



HYDRAULIC PERFORMANCE CURVES

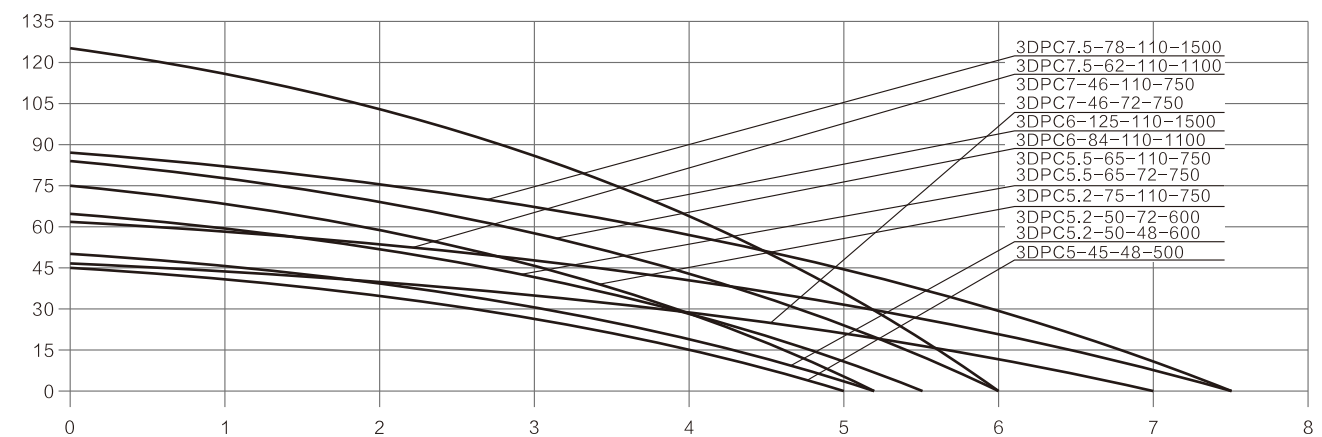


TECHNICAL DATA

| ITEM | Voltage | Best 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 | 3.0m³/h | 25m | 1.25" | 2m | <50V | ≥1.3*PUMP POWER |
| 3DPC3-35-24-300 | 24V | 30V-48V | 300W | 3.0m³/h | 35m | 1.25" | 2m | <50V | ≥1.3*PUMP POWER |
| 3DPC3.5-47-48-400 | 48V | 60V-90V | 400W | 3.5m³/h | 47m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 3DPC3.5-80-48-600 | 48V | 60V-90V | 600W | 3.5m³/h | 80m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 3DPC3.5-80-72-600 | 72V | 90V-120V | 600W | 3.5m³/h | 80m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 3DPC3.5-95-48-750 | 48V | 60V-90V | 750W | 3.5m³/h | 95m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 3DPC3.5-95-72-750 | 72V | 90V-120V | 750W | 3.5m³/h | 95m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 3DPC3.8-123-72-1100 | 72V | 90V-120V | 1100W | 3.8m³/h | 123m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 3DPC3.8-123-110-1100 | 110V | 110V-150V | 1100W | 3.8m³/h | 123m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC3.8-155-110-1300 | 110V | 110V-150V | 1300W | 3.8m³/h | 155m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC3.8-180-110-1500 | 110V | 110V-150V | 1500W | 3.8m³/h | 180m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |



FREE SPARE PARTS



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|---------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 3DPC5-45-48-500 | 48V | 60V-90V | 500W | 5m³/h | 45m | 1.5 | 2m | <100V | ≥1.3*PUMP POWER |
| 3DPC5.2-50-48-600 | 48V | 60V-90V | 600W | 5.2m³/h | 50m | 1.5 | 2m | <100V | ≥1.3*PUMP POWER |
| 3DPC5.2-50-72-600 | 72V | 90V-120V | 600W | 5.2m³/h | 50m | 1.5 | 2m | <150V | ≥1.3*PUMP POWER |
| 3DPC5.2-75-110-750 | 110V | 110V-150V | 750W | 5.2m³/h | 75m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC5.5-65-72-750 | 72V | 90V-120V | 750W | 5.5m³/h | 65m | 1.5 | 2m | <150V | ≥1.3*PUMP POWER |
| 3DPC5.5-65-110-750 | 110V | 110V-150V | 750W | 5.5m³/h | 65m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC6-84-110-1100 | 110V | 110V-150V | 1100W | 6m³/h | 84m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC6-125-110-1500 | 110V | 110V-150V | 1500W | 6m³/h | 125m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC7-46-72-750 | 72V | 90V-120V | 750W | 7m³/h | 46m | 1.5 | 2m | <150V | ≥1.3*PUMP POWER |
| 3DPC7-46-110-750 | 110V | 110V-150V | 750W | 7m³/h | 46m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC7.5-62-110-1100 | 110V | 110V-150V | 1100W | 7.5m³/h | 62m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |
| 3DPC7.5-78-110-1500 | 110V | 110V-150V | 1500W | 7.5m³/h | 78m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |

3DSC/3DSC-A/D

3" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

FREE SPARE PARTS



Stainless steel impeller



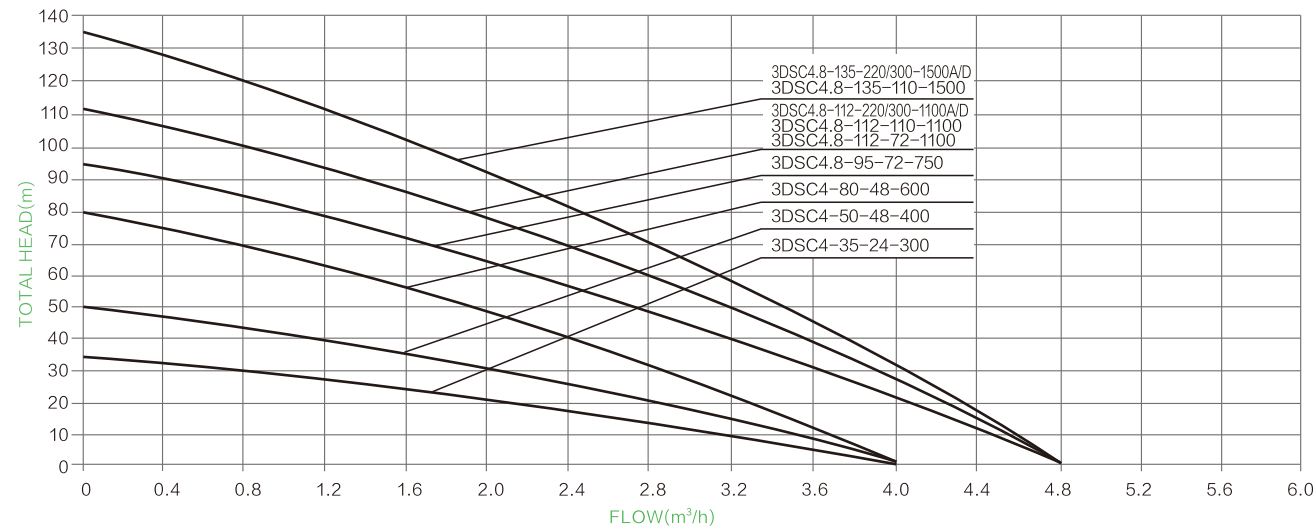
Stainless steel oil cylinder



NSK Bearing



PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----------------------------|--------------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 3DSC4-35-24-300 | 24V | 30V-48V | 300W | 4m³/h | 35m | 1.25" | 2m | <50V | ≥1.3*PUMP POWER |
| 3DSC4-50-48-400 | 48V | 60V-90V | 400W | 4m³/h | 50m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 3DSC4-80-48-600 | 48V | 60V-90V | 600W | 4m³/h | 80m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 3DSC4.8-95-72-750 | 72V | 90V-120V | 750W | 4.8m³/h | 95m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 3DSC4.8-112-72-1100 | 72V | 90V-120V | 1100W | 4.8m³/h | 112m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 3DSC4.8-112-110-1100 | 110V | 110V-150V | 1100W | 4.8m³/h | 112m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 3DSC4.8-135-110-1500 | 110V | 110V-150V | 1500W | 4.8m³/h | 135m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 3DSC4.8-112-220/300-1100A/D | AC220/DC300V | 300V/400V | 1100W | 4.8m³/h | 112m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 3DSC4.8-135-220/300-1500A/D | AC220/DC300V | 300V/400V | 1500W | 4.8m³/h | 135m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |

4DPC

4" DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

FREE SPARE PARTS



DC controller



Plastic impeller



NSK Bearing



Stainless steel outlet

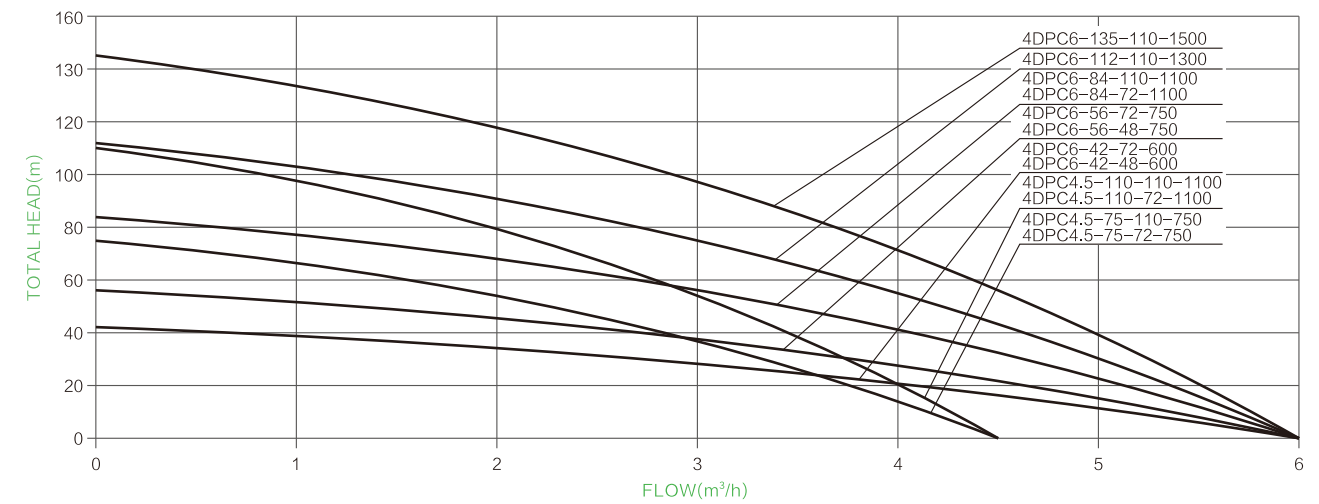


Stainless steel connecting fitting



Stainless steel oil cylinder

PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|----------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 4DPC4.5-75-72-750 | 72V | 90V-120V | 750W | 4.5m³/h | 75m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DPC4.5-75-110-750 | 110V | 110V-150V | 750W | 4.5m³/h | 75m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC4.5-110-72-1100 | 72V | 90V-120V | 1100W | 4.5m³/h | 110m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DPC4.5-110-110-1100 | 110V | 110V-150V | 1100W | 4.5m³/h | 110m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC6-42-48-600 | 48V | 60V-90V | 600W | 6.0m³/h | 42m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 4DPC6-42-72-600 | 72V | 90V-120V | 600W | 6.0m³/h | 42m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DPC6-56-48-750 | 48V | 60V-90V | 750W | 6.0m³/h | 56m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 4DPC6-56-72-750 | 72V | 90V-120V | 750W | 6.0m³/h | 56m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DPC6-84-72-1100 | 72V | 90V-120V | 1100W | 6.0m³/h | 84m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DPC6-84-110-1100 | 110V | 110V-150V | 1100W | 6.0m³/h | 84m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC6-112-110-1300 | 110V | 110V-150V | 1300W | 6.0m³/h | 112m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC6-135-110-1500 | 110V | 110V-150V | 1500W | 6.0m³/h | 135m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |

4DPC

4" DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

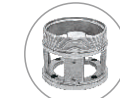
FREE SPARE PARTS



DC controller



Stainless steel outlet



Stainless steel connecting fitting



Stainless steel oil cylinder

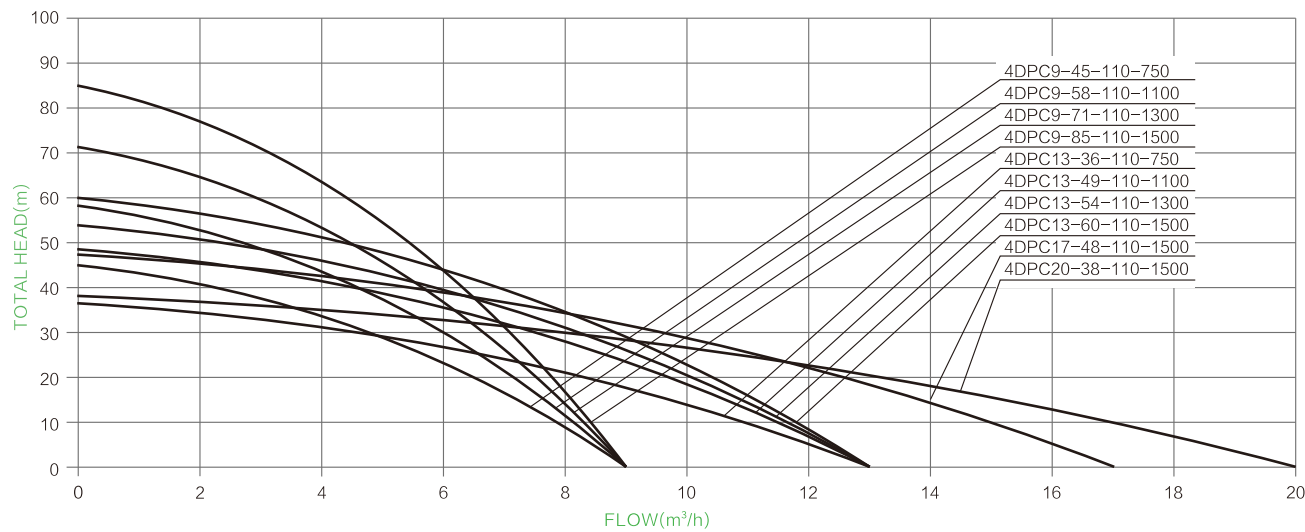


Plastic Impeller



NSK Bearing

PERFORMANCE CURVES



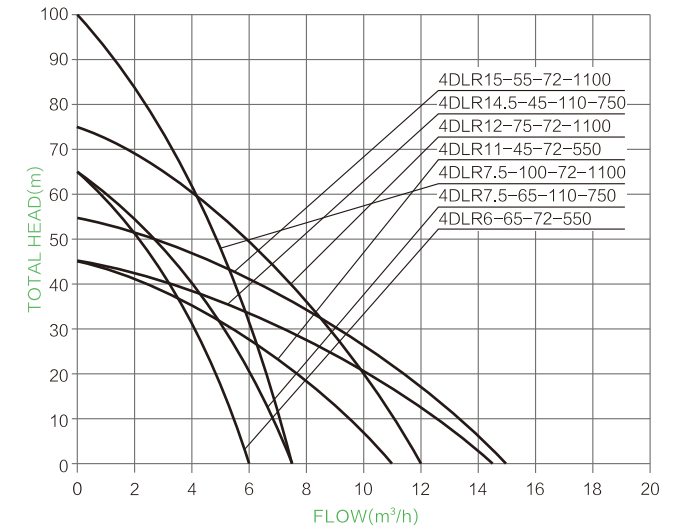
TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|--------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | Open circuit voltage (VOC) | Power |
| 4DPC9-45-110-750 | 110V | 110V-150V | 750W | 9.0m³/h | 45m | 2" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DPC9-58-110-1100 | 110V | 110V-150V | 1100W | 9.0m³/h | 58m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC9-71-110-1300 | 110V | 110V-150V | 1300W | 9.0m³/h | 71m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC9-85-110-1500 | 110V | 110V-150V | 1500W | 9.0m³/h | 85m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC13-36-110-750 | 110V | 110V-150V | 750W | 13.0m³/h | 36m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC13-49-110-1100 | 110V | 110V-150V | 1100W | 13.0m³/h | 49m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC13-54-110-1300 | 110V | 110V-150V | 1300W | 13.0m³/h | 54m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC13-60-110-1500 | 110V | 110V-150V | 1500W | 13.0m³/h | 60m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC17-48-110-1500 | 110V | 110V-150V | 1500W | 17.0m³/h | 48m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DPC20-38-110-1500 | 110V | 110V-150V | 1500W | 20.0m³/h | 38m | 2" | 2m | <200V | ≥1.3*PUMP POWER |

4DLR

4" DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

PERFORMANCE CURVES



Stainless steel outlet



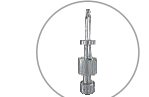
Stainless steel connecting fitting



Stainless steel oil cylinder



Plastic Impeller



NSK Bearing



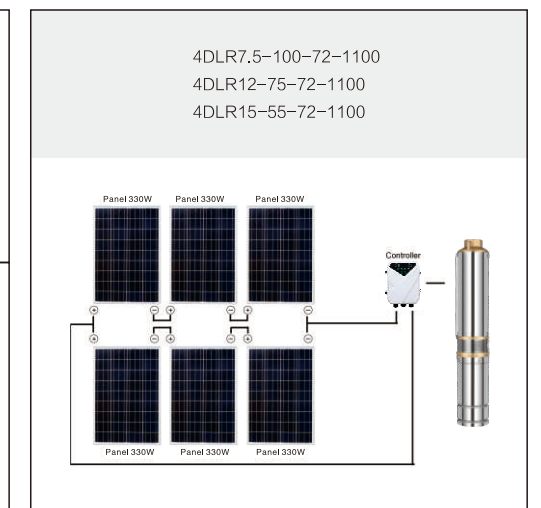
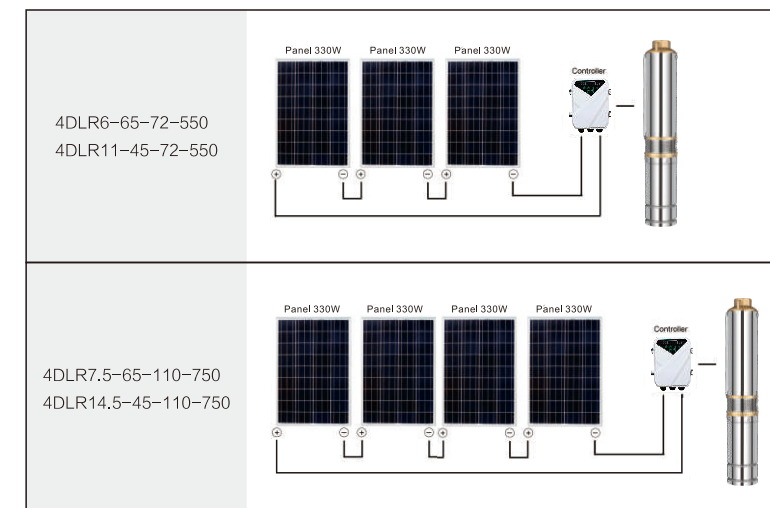
DC controller

FREE SPARE PARTS



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|---------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|----------------------------|-----------------|
| | | | | | | | | Open circuit voltage (VOC) | Power |
| 4DLR6-65-72-550 | 72V | 90V-120V | 550W | 6m³/h | 65m | 1.25 | 2m | <150V | ≥1.3*PUMP POWER |
| 4DLR7.5-65-110-750 | 110V | 110V-150V | 750W | 7.5m³/h | 65m | 1.5 | 2m | <200V | ≥1.3*PUMP POWER |
| 4DLR7.5-100-72-1100 | 72V | 90V-120V | 1100W | 7m³/h | 100m | 1.5 | 2m | <150V | ≥1.3*PUMP POWER |
| 4DLR11-45-72-550 | 72V | 90V-120V | 550W | 11m³/h | 45m | 2 | 2m | <150V | ≥1.3*PUMP POWER |
| 4DLR12-75-72-1100 | 72V | 90V-120V | 1100W | 12m³/h | 75m | 2 | 2m | <150V | ≥1.3*PUMP POWER |
| 4DLR14.5-45-110-750 | 110V | 110V-150V | 750W | 14.5m³/h | 45m | 2 | 2m | <200V | ≥1.3*PUMP POWER |
| 4DLR15-55-72-1100 | 72V | 90V-120V | 1100W | 15m³/h | 55m | 2 | 2m | <150V | ≥1.3*PUMP POWER |



4DSC

4" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel Impeller



Stainless steel oil cylinder

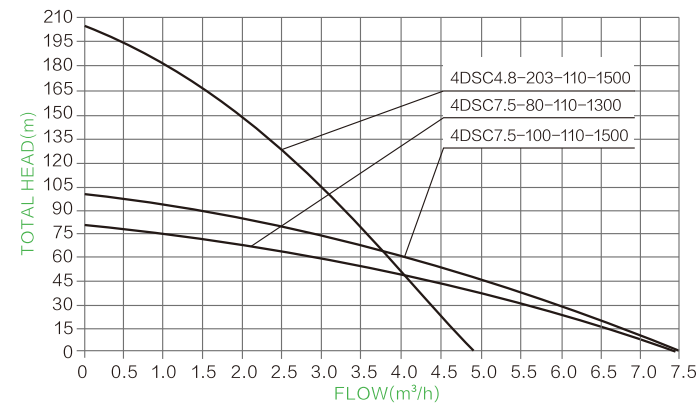
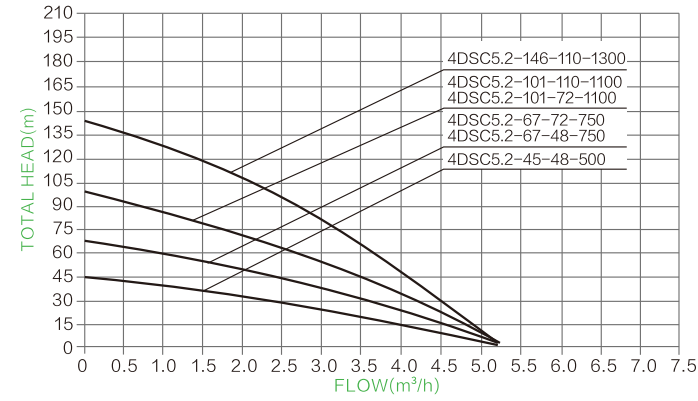


NSK Bearing



DC controller

PERFORMANCE CURVES



FREE SPARE PARTS

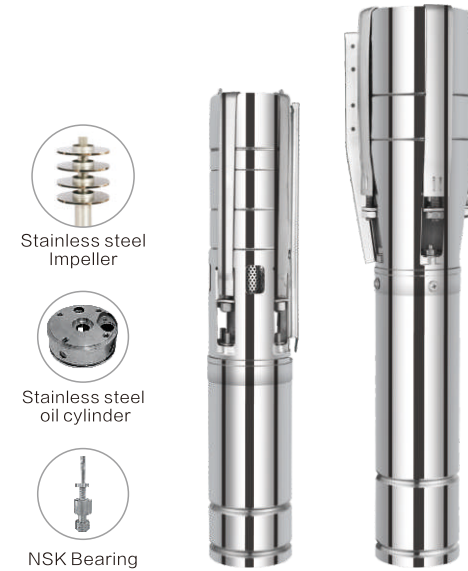


TECHNICAL DATA

| ITEM | Voltage | Best 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 | <100V | ≥1.3*PUMP POWER |
| 4DSC5.2-67-48-750 | 48V | 60V-90V | 750W | 5.2m³/h | 67m | 1.25" | 2m | <100V | ≥1.3*PUMP POWER |
| 4DSC5.2-67-72-750 | 72V | 90V-120V | 750W | 5.2m³/h | 67m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DSC5.2-101-72-1100 | 72V | 90V-120V | 1100W | 5.2m³/h | 101m | 1.25" | 2m | <150V | ≥1.3*PUMP POWER |
| 4DSC5.2-101-110-1100 | 110V | 110V-150V | 1100W | 5.2m³/h | 101m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DSC5.2-146-110-1300 | 110V | 110V-150V | 1300W | 5.2m³/h | 146m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DSC4.8-203-110-1500 | 110V | 110V-150V | 1500W | 4.8m³/h | 203m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DSC7.5-80-110-1300 | 110V | 110V-150V | 1300W | 7.5m³/h | 80m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DSC7.5-100-110-1500 | 110V | 110V-150V | 1500W | 7.5m³/h | 100m | 1.25" | 2m | <200V | ≥1.3*PUMP POWER |

4DSC/4/6DSC

4" / 6" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel Impeller



Stainless steel oil cylinder



NSK Bearing

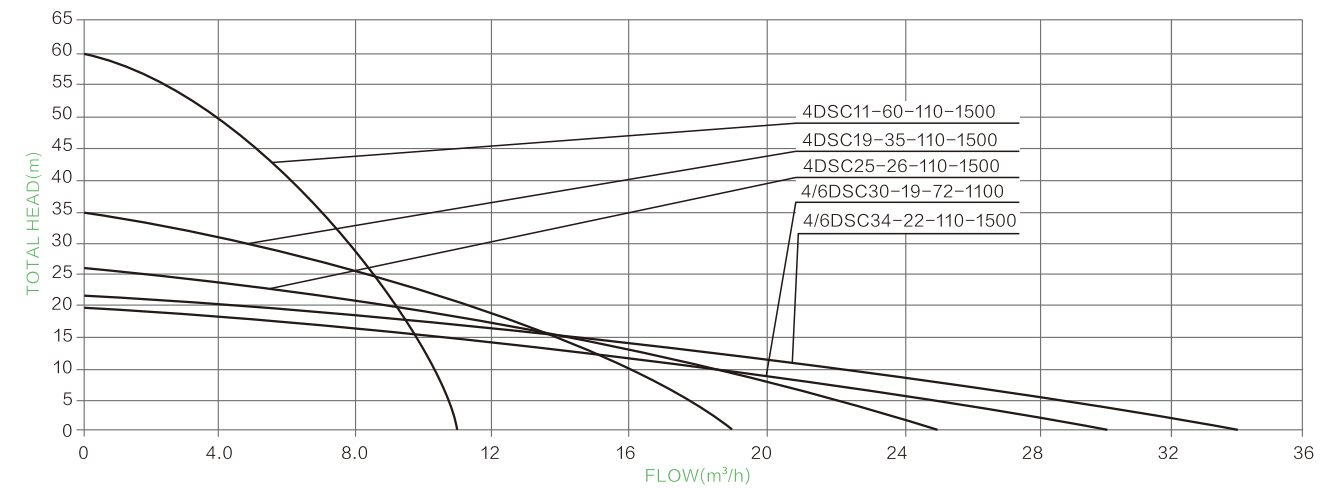


DC controller

FREE SPARE PARTS



PERFORMANCE CURVES



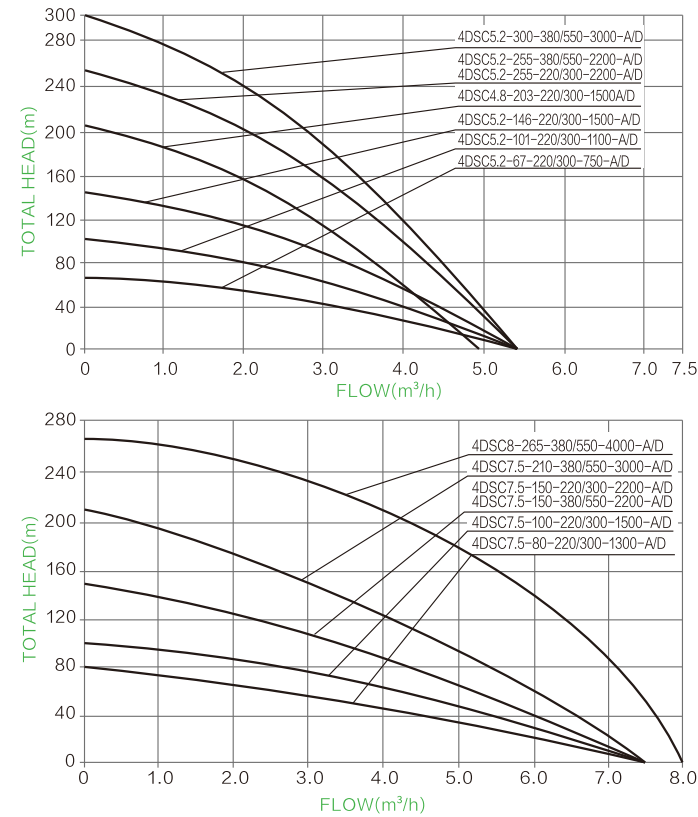
TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|----------------------|---------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 4DSC11-60-110-1500 | 110V | 110V-150V | 1500W | 11m³/h | 60m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DSC19-35-110-1500 | 110V | 110V-150V | 1500W | 19m³/h | 35m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4DSC25-26-110-1500 | 110V | 110V-150V | 1500W | 25m³/h | 26m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| 4/6DSC30-19-72-1100 | 72V | 90V-120V | 1100W | 30m³/h | 19m | 3" | 2m | <150V | ≥1.3*PUMP POWER |
| 4/6DSC34-22-110-1500 | 110V | 110V-150V | 1500W | 34m³/h | 22m | 3" | 2m | <200V | ≥1.3*PUMP POWER |

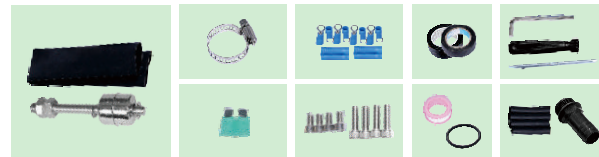
4DSC-A/D

4" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

PERFORMANCE CURVES



FREE SPARE PARTS



Stainless steel Impeller

Stainless steel oil cylinder

NSK Bearing



AC/DC controller

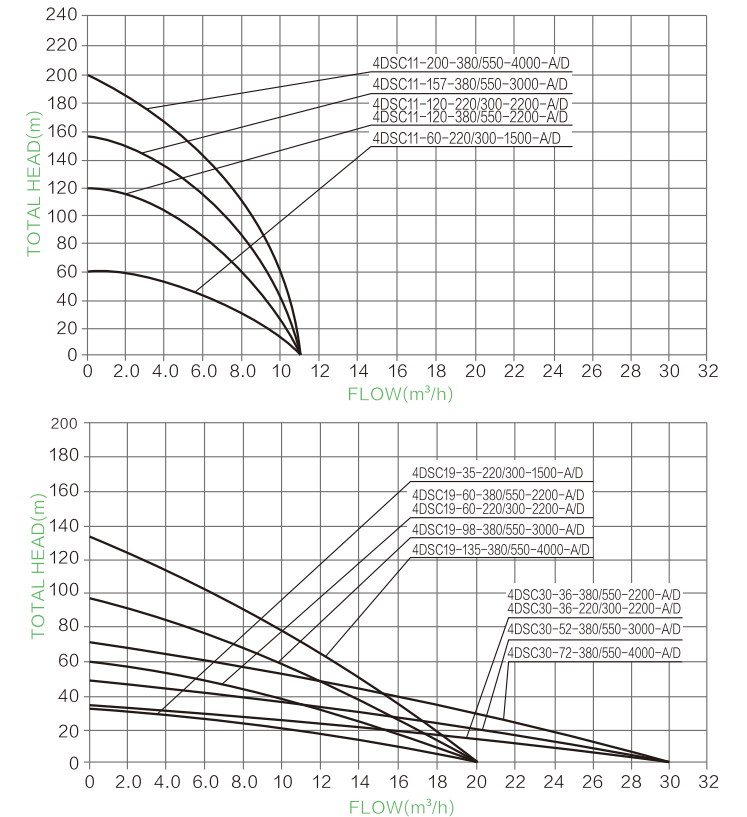
TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|------------------------------|--------------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 4DSC5.2-67-220/300-750-A/D | AC220/DC300V | 300V/400V | 750W | 5.2m³/h | 67m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC4.8-203-220/300-1500A/D | AC220/DC300V | 300V/400V | 1500W | 4.8m³/h | 203m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC5.2-101-220/300-1100-A/D | AC220/DC300V | 300V/400V | 1100W | 5.2m³/h | 101m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC5.2-146-220/300-1500-A/D | AC220/DC300V | 300V/400V | 1500W | 5.2m³/h | 146m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC5.2-255-220/300-2200-A/D | AC220/DC300V | 300V/400V | 2200W | 5.2m³/h | 255m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC5.2-255-380/550-2200-A/D | AC380/DC550V | 480V/750V | 2200W | 5.2m³/h | 255m | 1.25" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC5.2-300-380/550-3000-A/D | AC380/DC550V | 480V/750V | 3000W | 5.2m³/h | 300m | 1.25" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC7.5-80-220/300-1300-A/D | AC220/DC300V | 300V/400V | 1300W | 7.5m³/h | 80m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC7.5-100-220/300-1500-A/D | AC220/DC300V | 300V/400V | 1500W | 7.5m³/h | 100m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC7.5-150-220/300-2200-A/D | AC220/DC300V | 300V/400V | 2200W | 7.5m³/h | 150m | 1.25" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC7.5-150-380/550-2200-A/D | AC380/DC550V | 480V/750V | 2200W | 7.5m³/h | 150m | 1.25" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC7.5-210-380/550-3000-A/D | AC380/DC550V | 480V/750V | 3000W | 7.5m³/h | 210m | 1.25" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC8-272-380/550-4000-A/D | AC380/DC550V | 480V/750V | 4000W | 8m³/h | 272m | 1.25" | 2m | <800V | ≥1.3*PUMP POWER |

4DSC-A/D

4" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER

PERFORMANCE CURVES



FREE SPARE PARTS



Stainless steel Impeller

Stainless steel oil cylinder

NSK Bearing



AC/DC controller

TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|-----------------------------|--------------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 4DSC11-60-220/300-1500-A/D | AC220/DC300V | 300V/400V | 1500W | 11m³/h | 60m | 2" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC11-120-220/300-2200A/D | AC220/DC300V | 300V/400V | 2200W | 11m³/h | 120m | 2" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC11-120-380/550-2200-A/D | AC380/DC550V | 480V/750V | 2200W | 11m³/h | 120m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC11-157-380/550-3000-A/D | AC380/DC550V | 480V/750V | 3000W | 11m³/h | 157m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC11-200-380/550-4000-A/D | AC380/DC550V | 480V/750V | 4000W | 11m³/h | 200m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC19-35-220/300-1500-A/D | AC220/DC300V | 300V/400V | 1500W | 19m³/h | 35m | 2" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC19-60-220/300-2200-A/D | AC220/DC300V | 300V/400V | 2200W | 19m³/h | 60m | 2" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC19-60-380/550-2200-A/D | AC380/DC550V | 480V/750V | 2200W | 19m³/h | 60m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC19-98-380/550-3000-A/D | AC380/DC550V | 480V/750V | 3000W | 19m³/h | 98m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC19-135-380/550-4000-A/D | AC380/DC550V | 480V/750V | 4000W | 19m³/h | 135m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC30-36-220/300-2200-A/D | AC220/DC300V | 300V/400V | 2200W | 30m³/h | 36m | 2" | 2m | <450V | ≥1.3*PUMP POWER |
| 4DSC30-36-380/550-2200-A/D | AC380/DC550V | 480V/750V | 2200W | 30m³/h | 36m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC30-52-380/550-3000-A/D | AC380/DC550V | 480V/750V | 3000W | 30m³/h | 52m | 2" | 2m | <800V | ≥1.3*PUMP POWER |
| 4DSC30-74-380/550-4000-A/D | AC380/DC550V | 480V/750V | 4000W | 30m³/h | 74m | 2" | 2m | <800V | ≥1.3*PUMP POWER |

4/6DSC-A/D

6" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel Impeller



Stainless steel oil cylinder



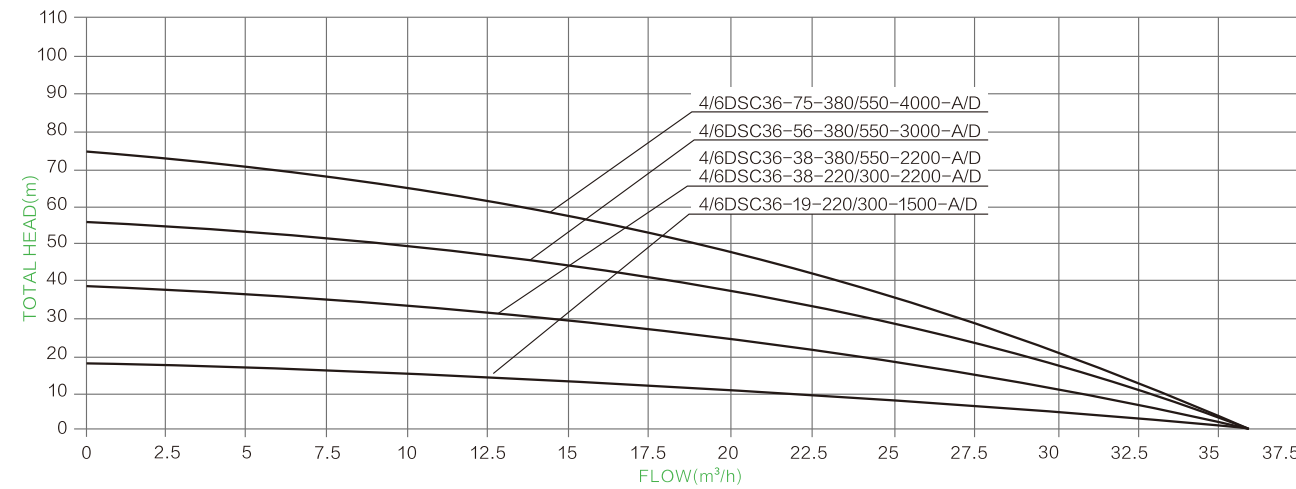
NSK Bearing

AC/DC controller

FREE SPARE PARTS



PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|------------------------------|--------------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 4/6DSC36-19-220/300-1500-A/D | AC220/DC300V | 300V-400V | 1500W | 36m³/h | 19m | 3" | 2m | <450V | ≥1.3*PUMP POWER |
| 4/6DSC36-38-220/300-2200-A/D | AC220/DC300V | 300V-400V | 2200W | 36m³/h | 38m | 3" | 2m | <450V | ≥1.3*PUMP POWER |
| 4/6DSC36-38-380/550-2200-A/D | AC380/DC550V | 480V-750V | 2200W | 36m³/h | 38m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 4/6DSC36-56-380/550-3000-A/D | AC380/DC550V | 480V-750V | 3000W | 36m³/h | 56m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 4/6DSC36-75-380/550-4000-A/D | AC380/DC550V | 480V-750V | 4000W | 36m³/h | 75m | 3" | 2m | <800V | ≥1.3*PUMP POWER |

6DSC-A/D

6" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel Impeller



Stainless steel oil cylinder



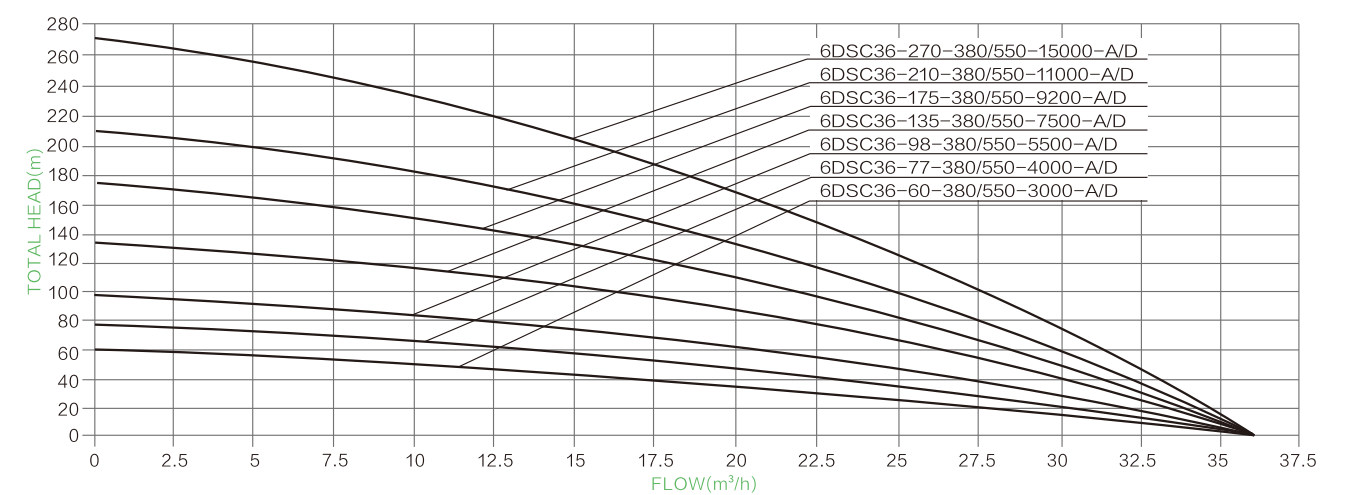
NSK Bearing

AC/DC controller

FREE SPARE PARTS



PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|------------------------------|--------------|-------------------------|--------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 6DSC36-60-380/550-3000-A/D | AC380/DC550V | 480V-750V | 3000W | 36m³/h | 60m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC36-77-380/550-4000-A/D | AC380/DC550V | 480V-750V | 4000W | 36m³/h | 77m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC36-98-380/550-5500-A/D | AC380/DC550V | 480V-750V | 5500W | 36m³/h | 98m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC36-135-380/550-7500-A/D | AC380/DC550V | 480V-750V | 7500W | 36m³/h | 135m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC36-175-380/550-9200-A/D | AC380/DC550V | 480V-750V | 9200W | 36m³/h | 175m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC36-210-380/550-11000-A/D | AC380/DC550V | 480V-750V | 11000W | 36m³/h | 210m | 3" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC36-270-380/550-15000-A/D | AC380/DC550V | 480V-750V | 15000W | 36m³/h | 270m | 3" | 2m | <800V | ≥1.3*PUMP POWER |

6DSC-A/D

6" AC/DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



Stainless steel Impeller



Stainless steel oil cylinder

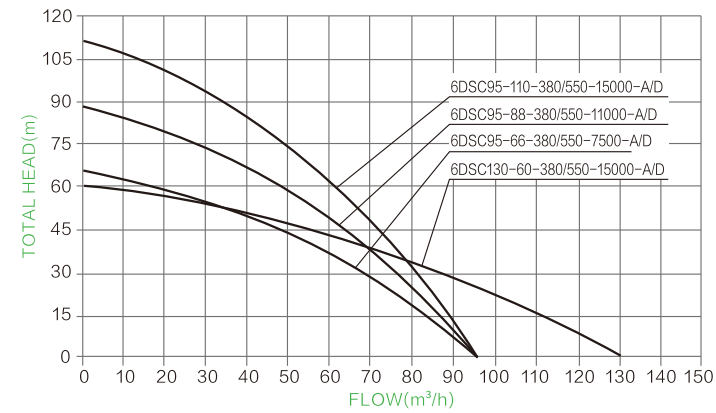
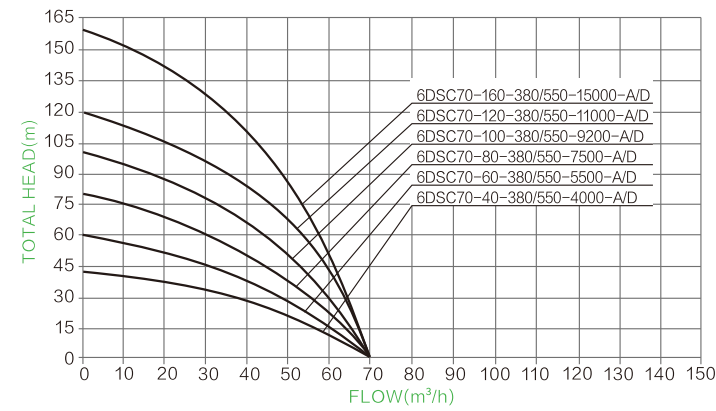


NSK Bearing

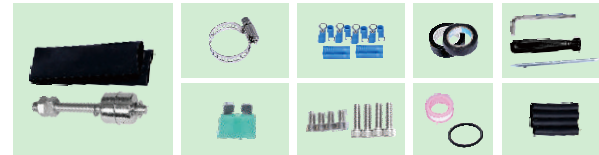


AC/DC controller

PERFORMANCE CURVES



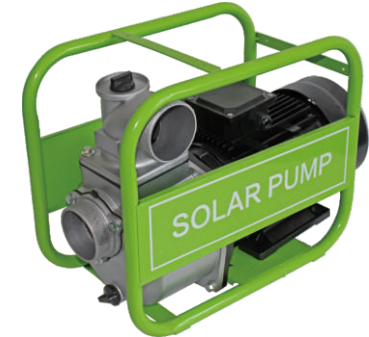
FREE SPARE PARTS



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|------------------------------|--------------|-------------------------|--------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| 6DSC70-40-380/550-4000-A/D | AC380/DC550V | 480V-750V | 4000W | 70m³/h | 40m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC70-60-380/550-5500-A/D | AC380/DC550V | 480V-750V | 5500W | 70m³/h | 60m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC70-80-380/550-7500-A/D | AC380/DC550V | 480V-750V | 7500W | 70m³/h | 80m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC70-100-380/550-9200-A/D | AC380/DC550V | 480V-750V | 9200W | 70m³/h | 100m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC70-120-380/550-11000-A/D | AC380/DC550V | 480V-750V | 11000W | 70m³/h | 120m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC70-160-380/550-15000-A/D | AC380/DC550V | 480V-750V | 15000W | 70m³/h | 160m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC95-66-380/550-7500-A/D | AC380/DC550V | 480V-750V | 7500W | 95m³/h | 66m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC95-88-380/550-11000-A/D | AC380/DC550V | 480V-750V | 11000W | 95m³/h | 88m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC95-110-380/550-15000-A/D | AC380/DC550V | 480V-750V | 15000W | 95m³/h | 110m | 4" | 2m | <800V | ≥1.3*PUMP POWER |
| 6DSC130-60-380/550-15000-A/D | AC380/DC550V | 480V-750V | 15000W | 130m³/h | 60m | 4" | 2m | <800V | ≥1.3*PUMP POWER |

DFSU



DC controller

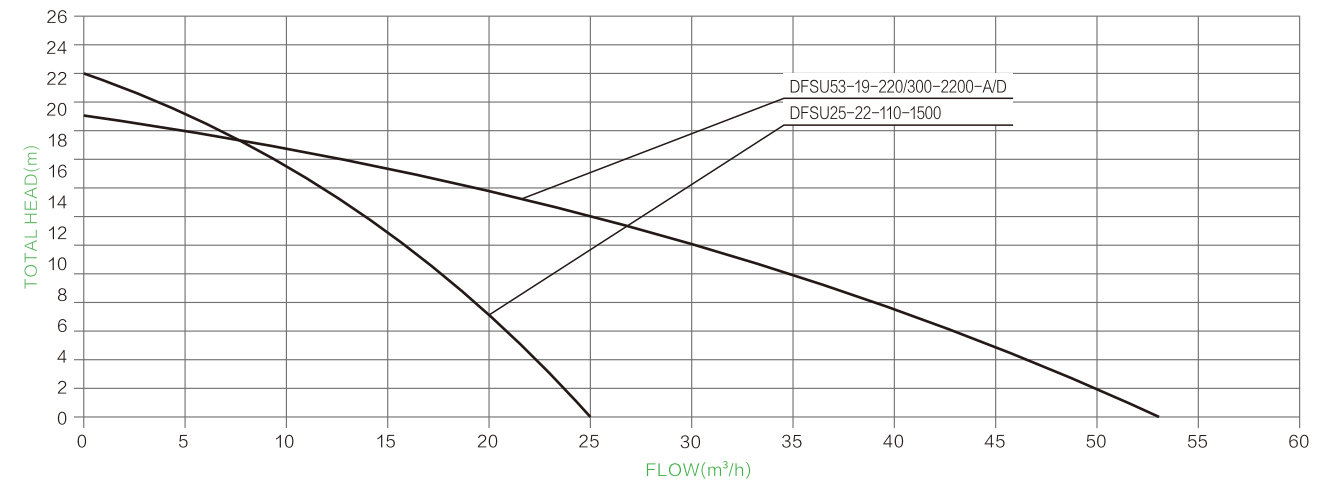


AC/DC controller

FREE SPARE PARTS



PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|----------------------------|--------------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| DFSU25-22-110-1500 | 110V | 110V-150V | 1500W | 25m³/h | 22m | 2" | 2m | <200V | ≥1.3*PUMP POWER |
| DFSU53-19-220/300-2200-A/D | AC220/DC300V | 300V-400V | 2200W | 53m³/h | 19m | 3" | 2m | <450V | ≥1.3*PUMP POWER |

DCPM/ DCPM-A/D

DC and AC/DC BRUSHLESS CENTRIFUGAL SOLAR PUMP

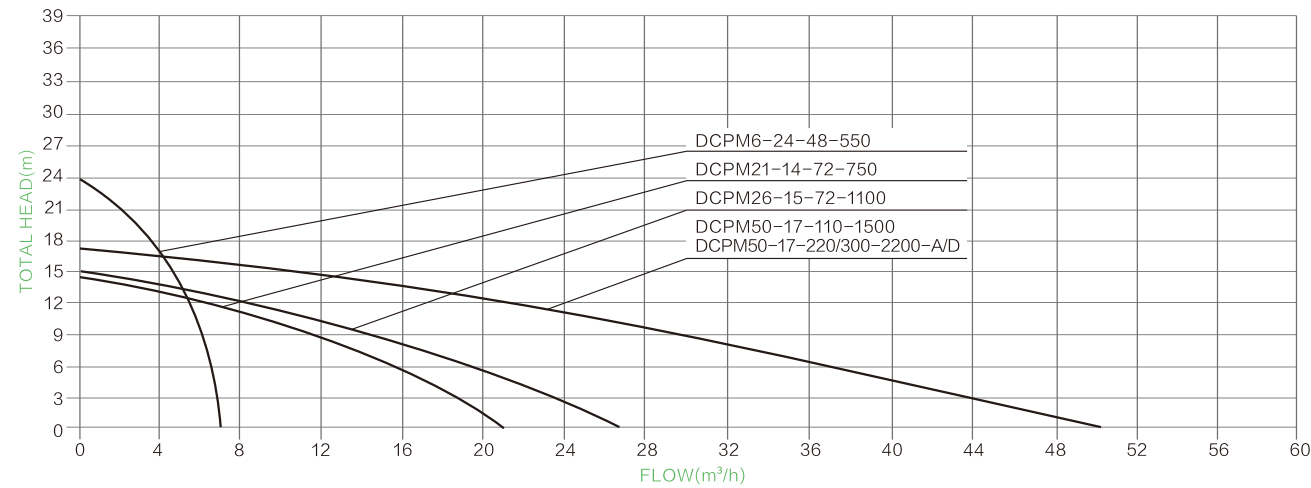


FREE SPARE PARTS



DC controller AC/DC controller

PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|----------------------------|------------------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| DCPM6-24-48-550 | 48V | 60V-90V | 550W | 6m³/h | 24m | 1" | 2m | <100V | ≥1.3*PUMP POWER |
| DCPM21-14-72-750 | 72V | 90V-120V | 750W | 21m³/h | 14m | 2" | 2m | <150V | ≥1.3*PUMP POWER |
| DCPM26-15-72-1100 | 72V | 90V-120V | 1100W | 26m³/h | 15m | 2" | 2m | <150V | ≥1.3*PUMP POWER |
| DCPM50-17-110-1500 | 110V | 110V-150V | 1500W | 50m³/h | 17m | 3" | 2m | <200V | ≥1.3*PUMP POWER |
| DCPM50-17-220/300-2200-A/D | AC220V DC300V | 300V-400V | 2200W | 50m³/h | 17m | 3" | 2m | <450V | ≥1.3*PUMP POWER |

DQB/DQB-A/D/

DC and AC/DC BRUSHLESS SURFACE SOLAR PUMP

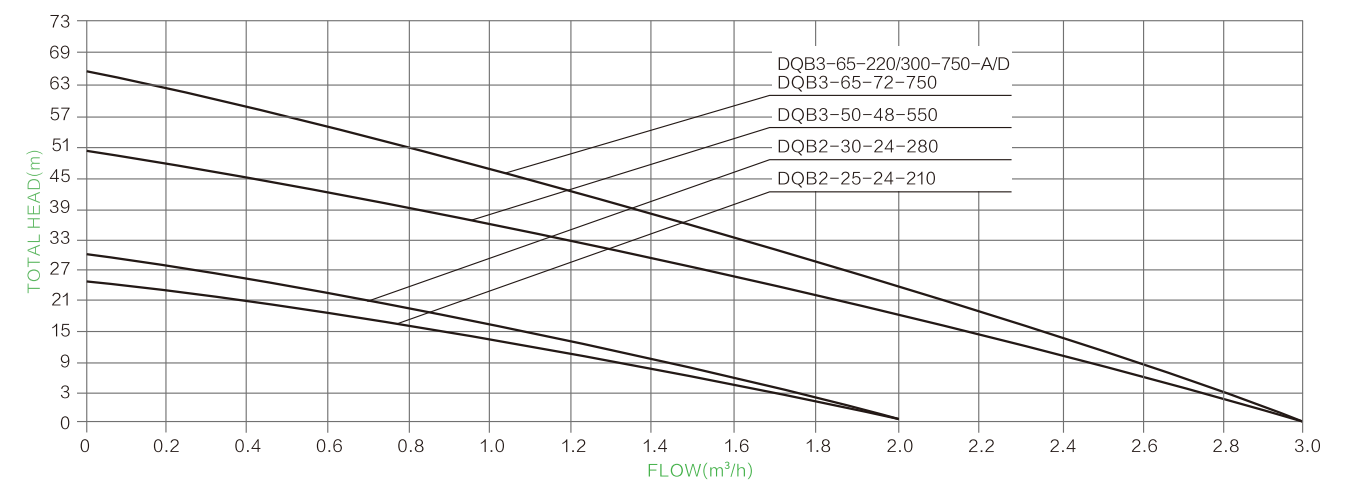


FREE SPARE PARTS



DC controller AC/DC controller

PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best 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 | 1X1" | 2m | <50V | ≥1.3*PUMP POWER |
| DQB2-30-24-280 | 24V | 30V-48V | 280W | 2m³/h | 30m | 1X1" | 2m | <50V | ≥1.3*PUMP POWER |
| DQB3-50-48-550 | 48V | 60V-90V | 550W | 3m³/h | 50m | 1X1" | 2m | <100V | ≥1.3*PUMP POWER |
| DQB3-65-72-750 | 72V | 90V-120V | 750W | 3m³/h | 65m | 1X1" | 2m | <150V | ≥1.3*PUMP POWER |
| DQB3-65-220/300-750-A/D | AC220V DC300V | 300V-400V | 750W | 3m³/h | 65m | 1X1" | 2m | <450V | ≥1.3*PUMP POWER |

DLP/DLP-A/D

DC BRUSHLESS SWIMMING POOL SOLAR PUMP

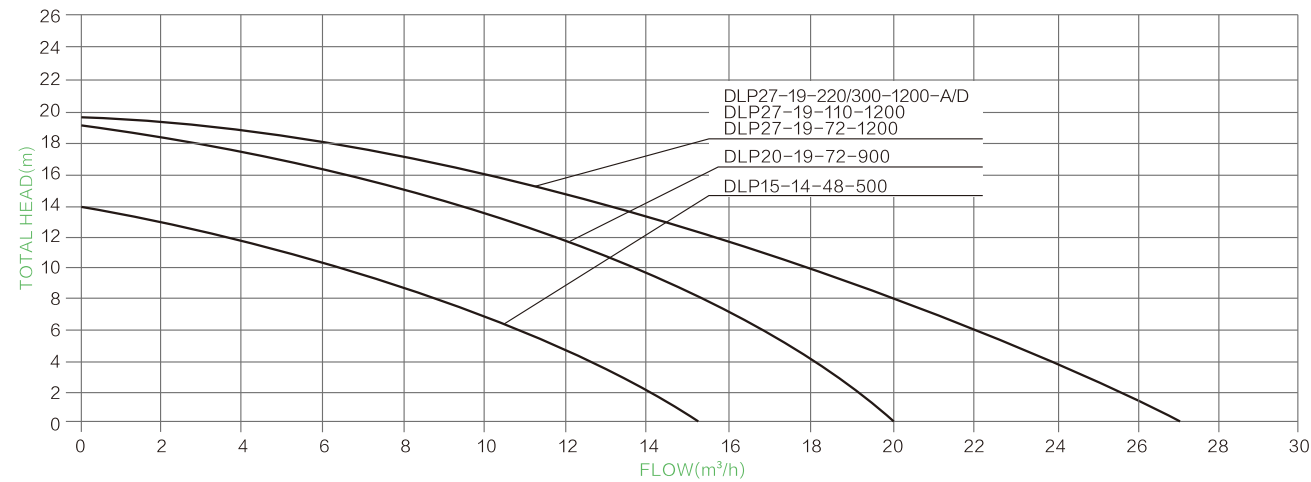


FREE SPARE PARTS



DC controller AC/DC controller

PERFORMANCE CURVES



TECHNICAL DATA

| ITEM | Voltage | Best input voltage (DC) | Power | Max. Flow | Max. Head | Outlet | Cable | Solar panel | |
|---------------------------|------------------|-------------------------|-------|-----------|-----------|--------|-------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| DLP15-14-48-500 | 48V | 60V-90V | 500W | 15m³/h | 14m | 2X2" | 2m | <100V | ≥1.3*PUMP POWER |
| DLP20-19-72-900 | 72V | 90V-120V | 900W | 20m³/h | 19m | 2X2" | 2m | <150V | ≥1.3*PUMP POWER |
| DLP27-19-72-1200 | 72V | 90V-120V | 1200W | 27m³/h | 19m | 3X3" | 2m | <150V | ≥1.3*PUMP POWER |
| DLP27-19-110-1200 | 110V | 110V-150V | 1200W | 27m³/h | 19m | 3X3" | 2m | <200V | ≥1.3*PUMP POWER |
| DLP27-19-220/300-1200-A/D | AC220V DC300V | 300V-400V | 1200W | 27m³/h | 19m | 3X3" | 2m | <450V | ≥1.3*PUMP POWER |

SOLAR AERATOR

BRUSHLESS SOLAR PUMP



Solar Aerator



Solar Paddle Wheel Aerator



Solar Impeller Aerator



DC controller AC/DC controller

SOLAR AERATOR

| ITEM | Voltage | Best input voltage(DC) | Power | Covering Area(m²) | Max. Flow | Max. Head | Outlet | Solar panel | |
|--------------------------|--------------|------------------------|-------|-------------------|-----------|-----------|--------|---------------------------|-----------------|
| | | | | | | | | Open circuit voltage(VOC) | Power |
| DSA25-5-48-750 | 48V | 60V-90V | 750W | 333-666 | 25m³/h | 5m | 3" | <100V | ≥1.3*PUMP POWER |
| DSA30-7-72-1100 | 72V | 90V-120V | 1100W | 500-1000 | 30m³/h | 7m | 3" | <150V | ≥1.3*PUMP POWER |
| DSA40-6-110-1500 | 110V | 110V-150V | 1500W | 666-1332 | 40m³/h | 6m | 3" | <200V | ≥1.3*PUMP POWER |
| DSA55-5-220/300-2200-A/D | AC220/DC300V | 300V-400V | 2200W | 1000-2000 | 55m³/h | 5m | 4" | <450V | ≥1.3*PUMP POWER |

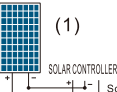
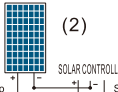
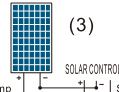
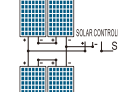
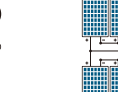
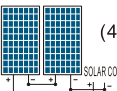
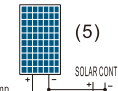
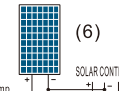
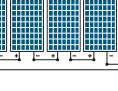
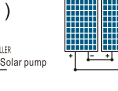
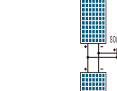

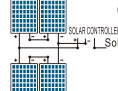
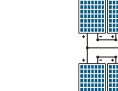
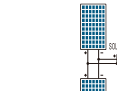
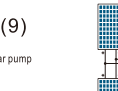

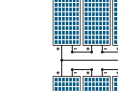
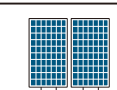
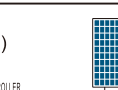

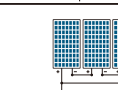
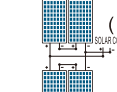
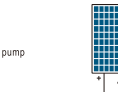
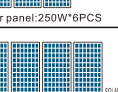
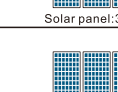
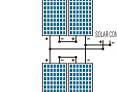
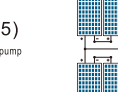
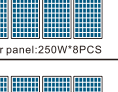
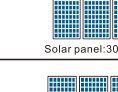
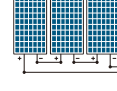
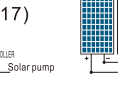
SOLAR PADDLE WHEEL AERATOR

| ITEM | Voltage | Best input voltage(DC) | Power | Oxygenation rate(kgo/h) | Covering Area(m²) | Quantity of impeller | Solar panel | |
|-----------------------|--------------|------------------------|-------|-------------------------|-------------------|----------------------|---------------------------|-----------------|
| | | | | | | | Open circuit voltage(VOC) | Power |
| DSWA-48-750 | 48V | 60V-90V | 750W | ≥1.1 | 666-3330 | 2 | <100V | ≥1.3*PUMP POWER |
| DSWA-110-1500 | 110V | 110V-150V | 1500W | ≥1.9 | 2000-6660 | 4 | <200V | ≥1.3*PUMP POWER |
| DSWA-220/300-2200-A/D | AC220/DC300V | 300V-400V | 2200W | ≥2.0 | 2665-8000 | 6 | <450V | ≥1.3*PUMP POWER |

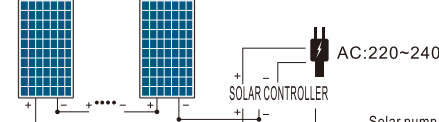
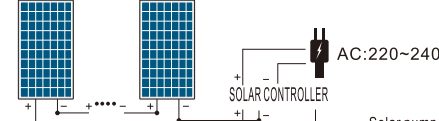
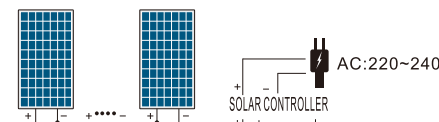
SOLAR IMPELLER AERATOR

| ITEM | Voltage | Best input voltage (DC) | Power | Oxygenation rate(kgo/h) | Covering Area(m²) | Solar panel | |
|-----------------------|--------------|-------------------------|-------|-------------------------|-------------------|---------------------------|-----------------|
| | | | | | | Open circuit voltage(VOC) | Power |
| DSIA-48-750 | 48V | 60V-90V | 750W | ≥1.1 | 666-2000 | <100V | ≥1.3*PUMP POWER |
| DSIA-72-1100 | 72V | 90V-120V | 1100W | ≥1.6 | 2000-2665 | <150V | ≥1.3*PUMP POWER |
| DSIA-110-1500 | 110V | 110V-150V | 1500W | ≥2.3 | 2000-4000 | <200V | ≥1.3*PUMP POWER |
| DSIA-220/300-2200-A/D | AC220/DC300V | 300V-400V | 2200W | ≥3.4 | 2665-5328 | <450V | ≥1.3*PUMP POWER |

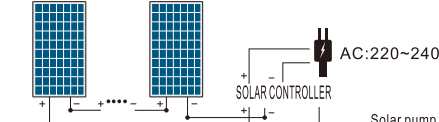
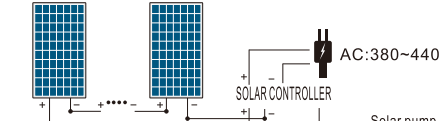
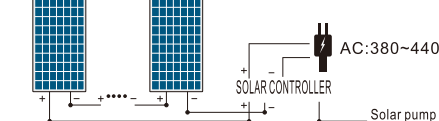
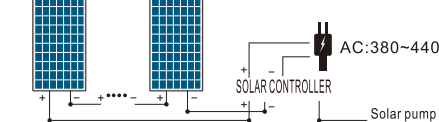
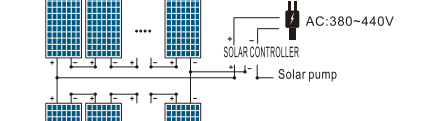
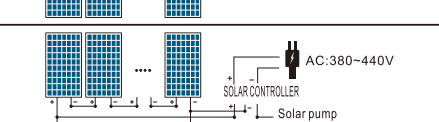
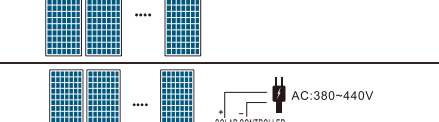
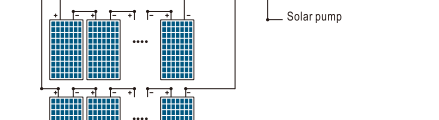
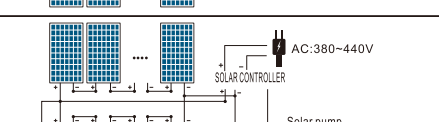
Solar panel recommendation for 12V-110V DC solar pump

| | | | |
|--|---|---|---|
| PUMP POWER 80W-12V Voc: 18V~50V |  (1)  (2)  (3) | PUMP POWER 750W-48V Voc: 30V~100V |  (19)  (20) |
| PUMP POWER 120W-24V 180W-24V 200W-24V 210W-24V 210W-36V Voc: 18V~50V |  (4)  (5)  (6) | PUMP POWER 750W-72V Voc: 50V~150V |  (21)  (22) |
| PUMP POWER 280W-24V 300W-24V Voc: 18V~50V |  (7)  (8) | PUMP POWER 900W-72V Voc: 50V~150V |  (23)  (24) |
| PUMP POWER 400W-36V Voc: 18V~50V |  (9)  (10) | PUMP POWER 1100W-72V Voc: 50V~150V |  (25)  (26) |
| PUMP POWER 370W-48V 400W-48V Voc: 30V~100V |  (11)  (12) | PUMP POWER 1100W-110V Voc: 60V~200V |  (27)  (28) |
| PUMP POWER 500W-48V 550W-48V Voc: 30V~100V |  (13)  (14) | PUMP POWER 1300W-110V Voc: 60V~200V |  (29)  (30) |
| PUMP POWER 600W-48V Voc: 30V~100V |  (15)  (16) | PUMP POWER 1500W-110V Voc: 60V~200V |  (31)  (32) |
| PUMP POWER 600W-72V Voc: 50V~150V |  (17)  (18) | | |

Solar panel recommendation for 220V-380V DC solar pump

| | | |
|--|---|---|
| PUMP POWER 750W-220V Best DC Vol. 300V~400V |  | Solar panel:250W*7PCS Solar panel:300W*6PCS |
| PUMP POWER 1100W-220V 1200W-220V Best DC Vol. 300V~400V |  | Solar panel:250W*8PCS Solar panel:300W*7PCS |
| PUMP POWER 1300W-220V 1500W-220V Best DC Vol. 300V~400V |  | Solar panel:250W*10PCS Solar panel:300W*8PCS |

Solar panel recommendation for 220V-380V DC solar pump

| | | |
|---|---|--|
| PUMP POWER 2200W-220V Best DC Vol. 300V~400V |  | Solar panel:250W*11PCS Solar panel:300W*9PCS |
| PUMP POWER 2200W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*15PCS Solar panel:300W*13PCS |
| PUMP POWER 3000W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*16PCS Solar panel:300W*14PCS |
| PUMP POWER 4000W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*19PCS Solar panel:300W*17PCS |
| PUMP POWER 5500W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*32PCS Solar panel:300W*28PCS |
| PUMP POWER 7500W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*38PCS Solar panel:300W*34PCS |
| PUMP POWER 9200W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*38PCS Solar panel:300W*34PCS |
| PUMP POWER 11000W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*54PCS Solar panel:300W*48PCS |
| PUMP POWER 15000W-380V Best DC Vol. 480V~750V |  | Solar panel:250W*80PCS Solar panel:300W*68PCS |