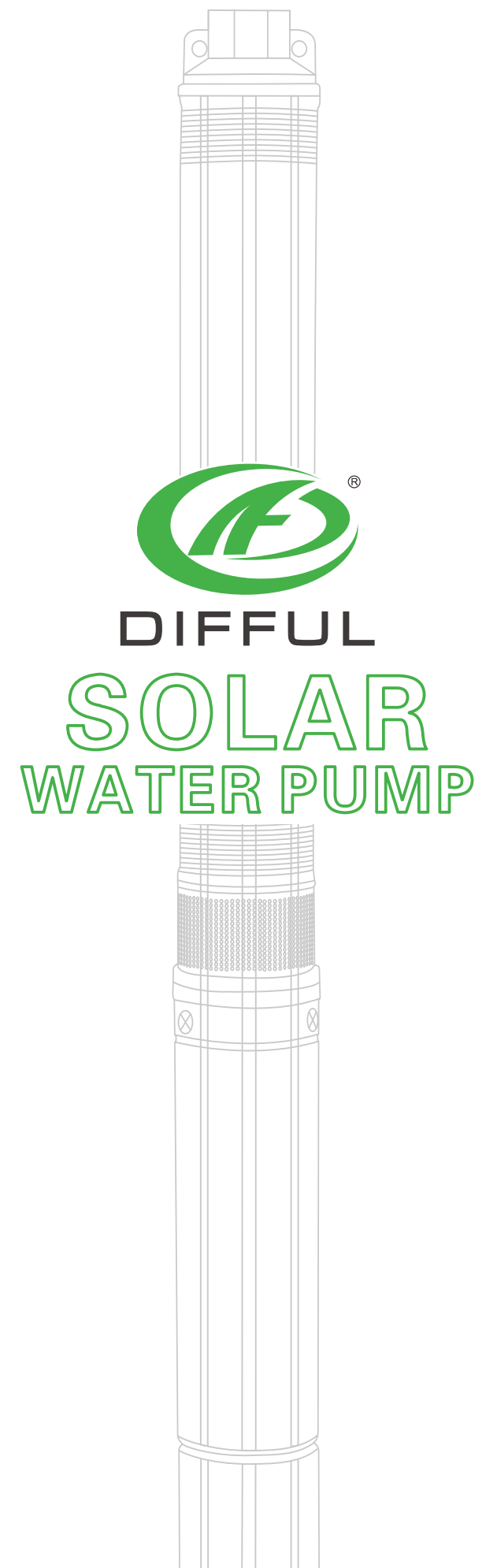
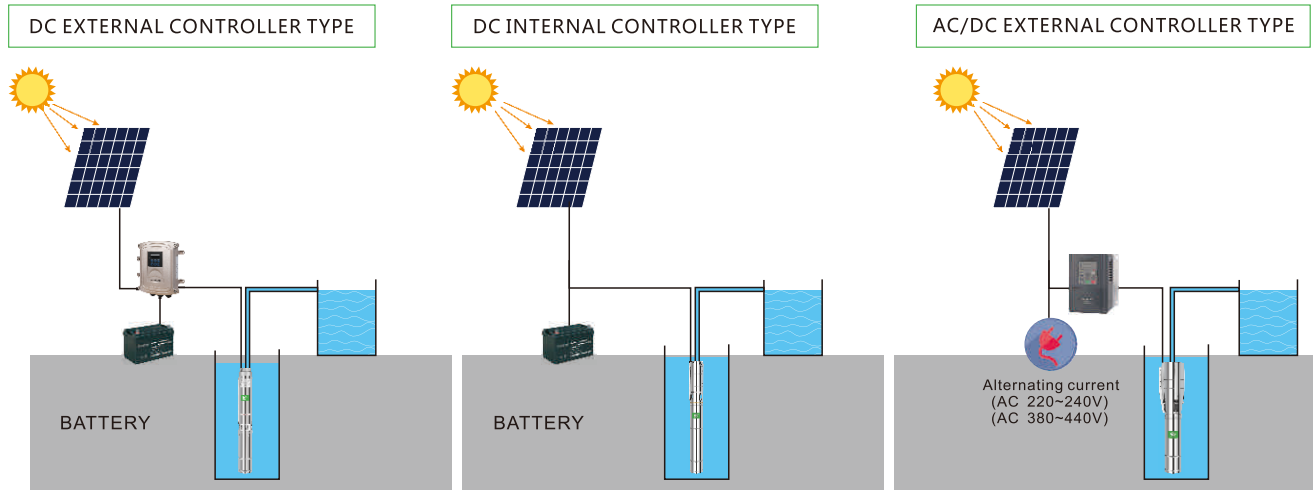


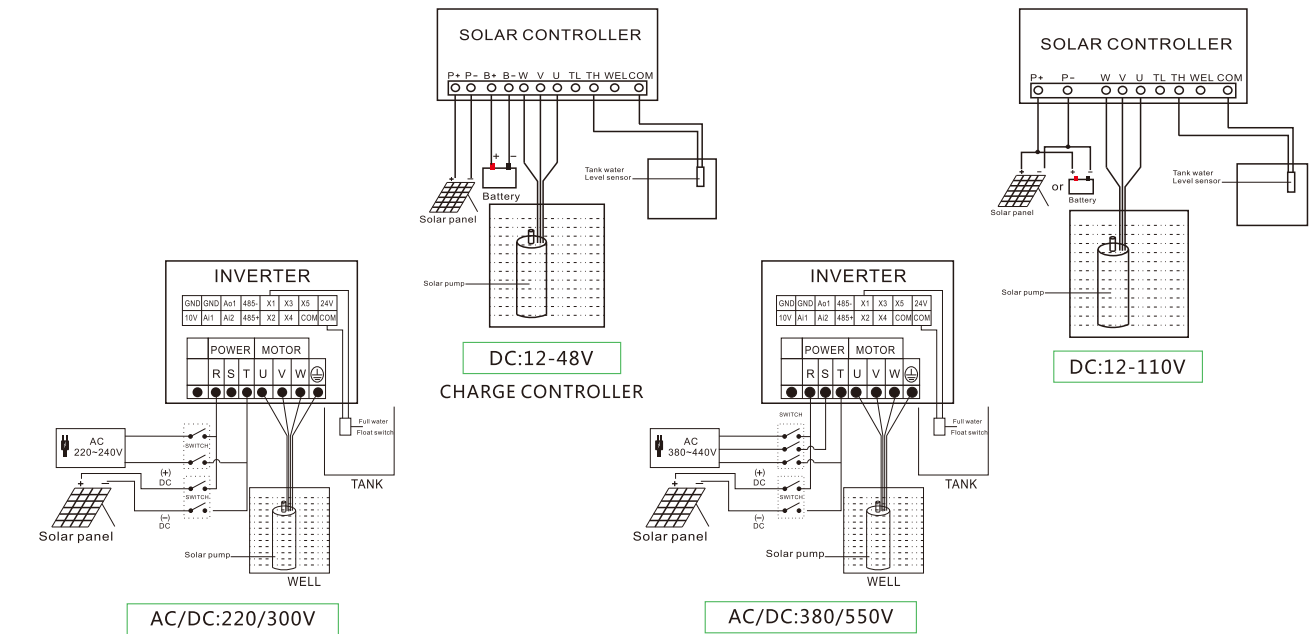
ZHEJIANG DINGFENG ELECTRICAL APPLIANCE CO., LTD.

Add: Daxi wenling, zhejiang, China
Tel: 0086- 574- 88034090
Fax: 0086- 574- 87111961
E-mail: info@diffulpump.com
Web: www.diffulpump.com





SYSTEM INSTALLATION DRAWING



WORKING ENVIRONMENT AND ELECTRICAL PROPERTY

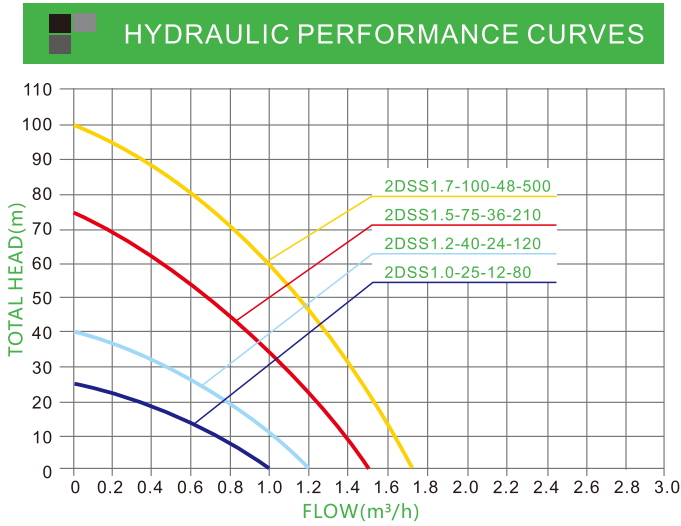
Controller and Pump Matching Method					
Controller Model	Adaptable Pump	Max.Input Current (A)	Max.Open Circuit Voltage (V)	MPPT Voltage Range (V)	Working Temperature (°C)
DF-12	Rated 12V Pump	15	<48	30-48	-15-60
DF-24	Rated 24V Pump	15	<48	30-48	-15-60
DF-36	Rated 36V Pump	15	<48	30-58	-15-60
DF-48	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

ADVANTAGE OF DC SOLAR PUMP

- Permanent magnet DC brushless synchronous motor: The efficiency is improved by 15%-20%;
Save energy; Reduce the consumption of solar panels.
- 304 S/S pump shaft.
- Brass or stainless steel outlet/connector/ oil cylinder.
- Japanese NSK bearing: prolong the working life.
- Double bearing motor base: can work under more axial pressure
- Alloy mechanical seal: Longer working life and high reliability.
- Motor coil is made by automatic winding machine with centralized winding technology, motor efficiency is much improved.
- Intelligent water shortage protection: The pump stops working automatically when there is no water in the well, and automatically start working 30 minutes later.
- Controller:
 - (1)Waterproof grade: IP65
 - (2)Ambient temperature: -15℃~60℃
 - (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.

2DSS

2"DC BRUSHLESS SCREW SOLAR PUMP

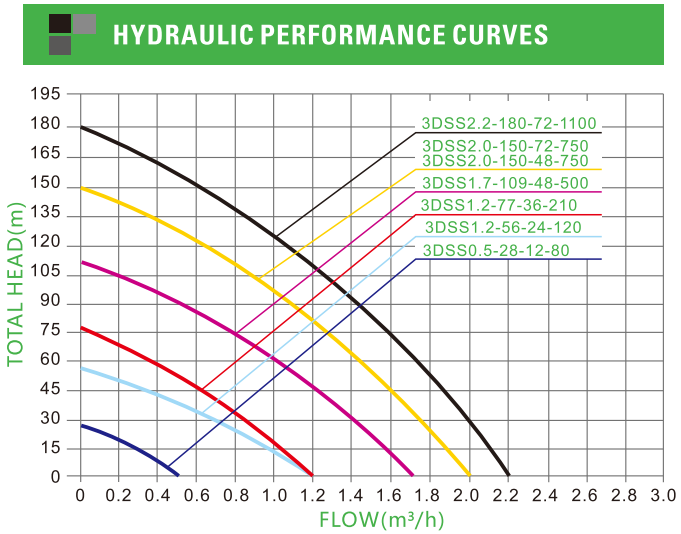


TECHNICAL DATA

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



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
3DSS1.2-77-36-210	36V	30V-48V	210W	1.2m³/h	77m	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

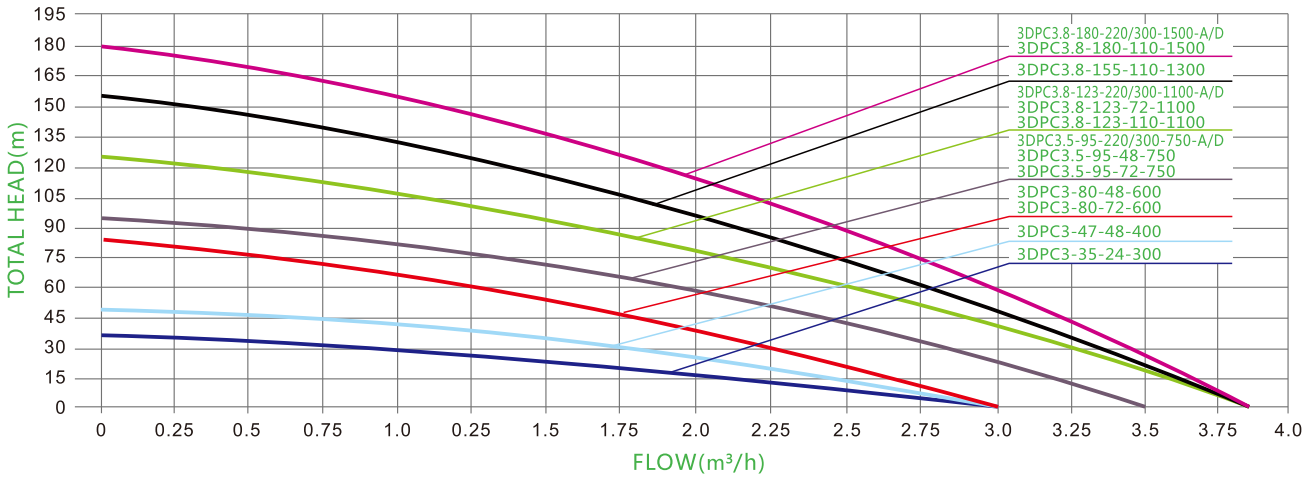


3DPC/3DPC-A/D

3" DC and AC/DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



HYDRAULIC PERFORMANCE CURVES

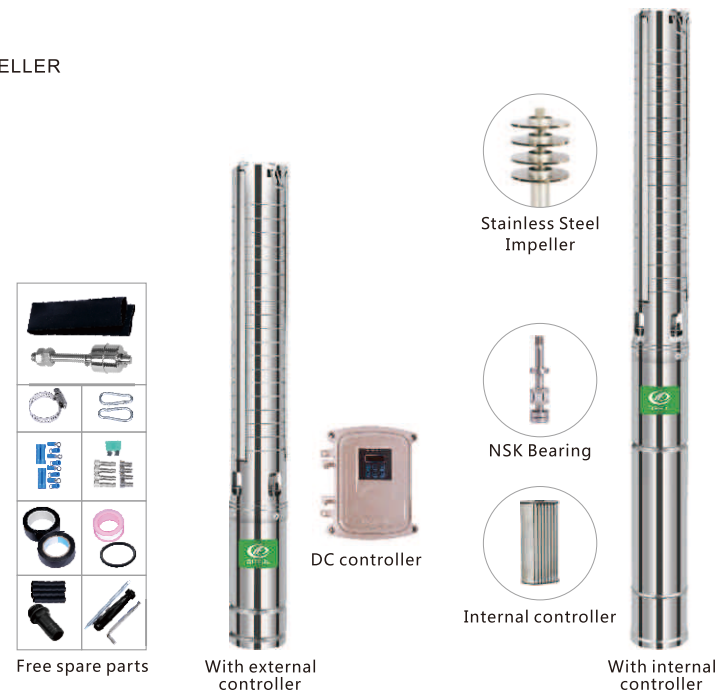


TECHNICAL DATA

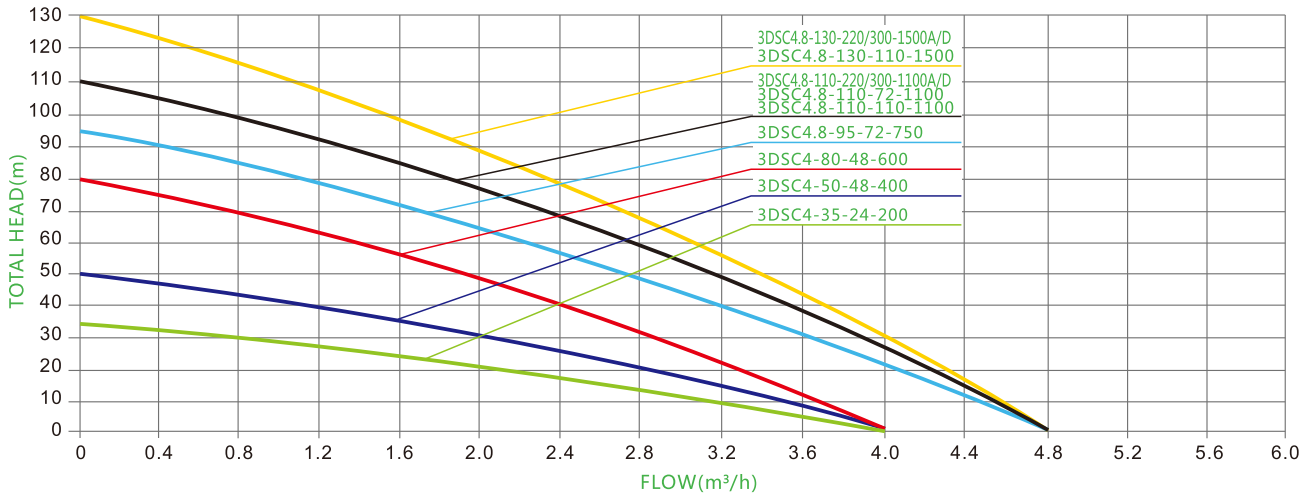
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3DPC3-35-24-300	24V	30V-48V	300W	3.0m³/h	35m	1.25"	2m	<50V	≥1.3*PUMP POWER
3DPC3-47-48-400	48V	60V-90V	400W	3.0m³/h	47m	1.25"	2m	<100V	≥1.3*PUMP POWER
3DPC3-80-48-600	48V	60V-90V	600W	3.0m³/h	80m	1.25"	2m	<100V	≥1.3*PUMP POWER
3DPC3-80-72-600	72V	90V-120V	600W	3.0m³/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
3DPC3.5-95-220/300-750-A/D	AC220/DC300V	300V-400V	750W	3.5m³/h	95m	1.25"	2m	<450V	≥1.3*PUMP POWER
3DPC3.8-123-220/300-1100-A/D	AC220/DC300V	300V-400V	1100W	3.8m³/h	123m	1.25"	2m	<450V	≥1.3*PUMP POWER
3DPC3.8-180-220/300-1500-A/D	AC220/DC300V	300V-400V	1500W	3.8m³/h	180m	1.25"	2m	<450V	≥1.3*PUMP POWER

3DSC/3DSC-A/D

3" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



HYDRAULIC PERFORMANCE CURVES

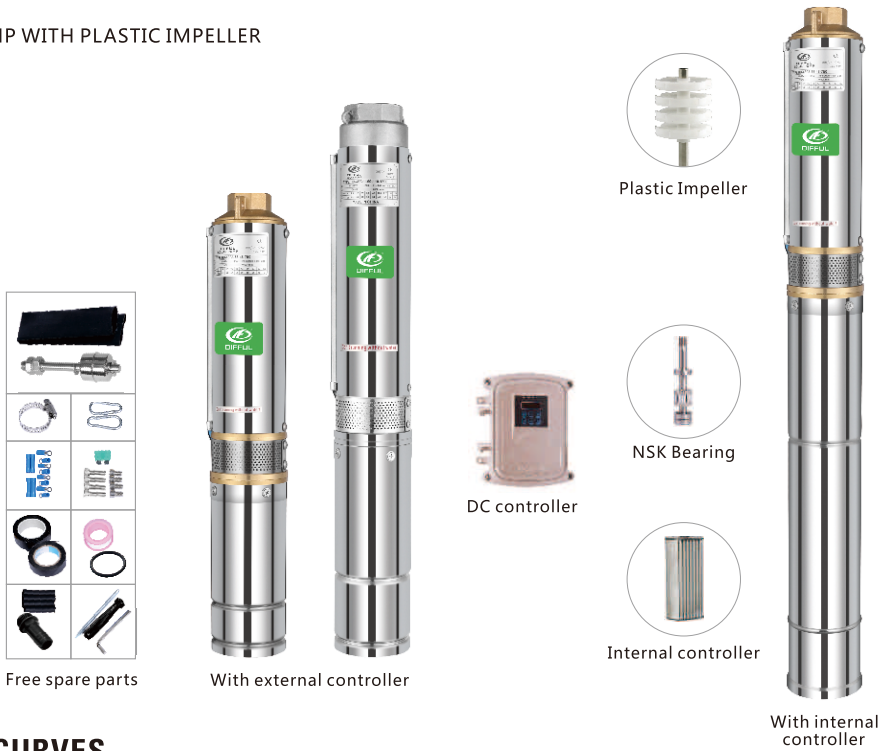


TECHNICAL DATA

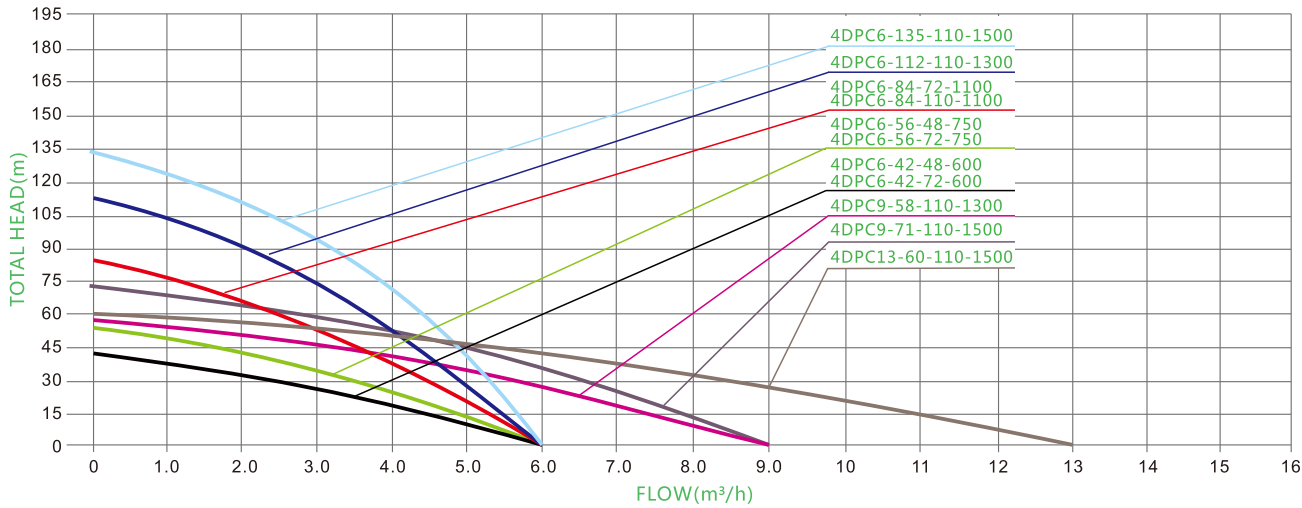
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3DSC4-35-24-200	24V	30V-48V	200W	4m³/h	35m	1.25"	2m	<50V	≥1.3*PUMP POWER
3DSC4-50-48-400	48V	60V-90V	400W	4m³/h	50m	1.25"	2m	<100V	≥1.3*PUMP POWER
3DSC4-80-48-600	48V	60V-90V	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
3DSC4.8-110-72-1100	72V	90V-120V	1100W	4.8m³/h	110m	1.25"	2m	<150V	≥1.3*PUMP POWER
3DSC4.8-110-110-1100	110V	110V-150V	1100W	4.8m³/h	110m	1.25"	2m	<200V	≥1.3*PUMP POWER
3DSC4.8-130-110-1500	110V	110V-150V	1500W	4.8m³/h	130m	1.25"	2m	<200V	≥1.3*PUMP POWER
3DSC4.8-110-220/300-1100A/D	AC220/DC300V	300V/400V	1100W	4.8m³/h	110m	1.25"	2m	<450V	≥1.3*PUMP POWER
3DSC4.8-130-220/300-1500A/D	AC220/DC300V	300V/400V	1500W	4.8m³/h	130m	1.25"	2m	<450V	≥1.3*PUMP POWER

4DPC

4" DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



PERFORMANCE CURVES

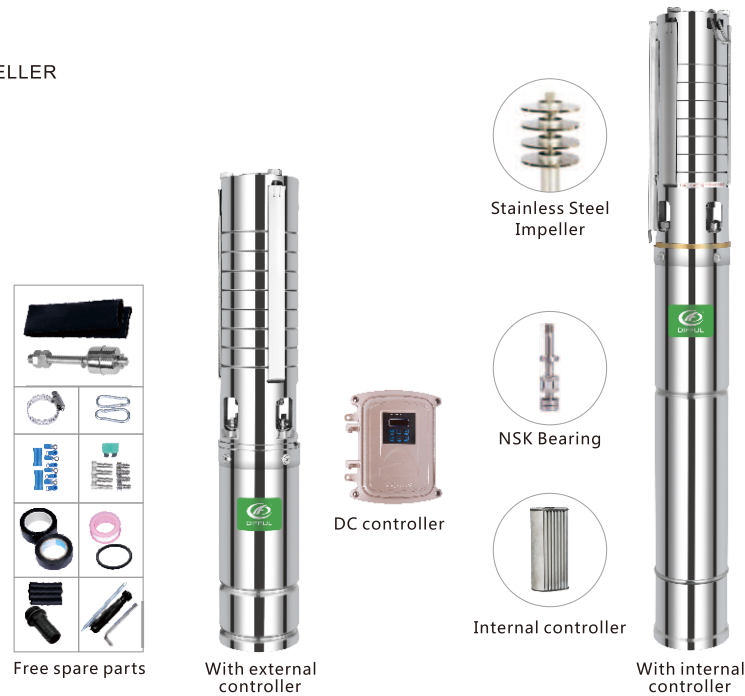


TECHNICAL DATA

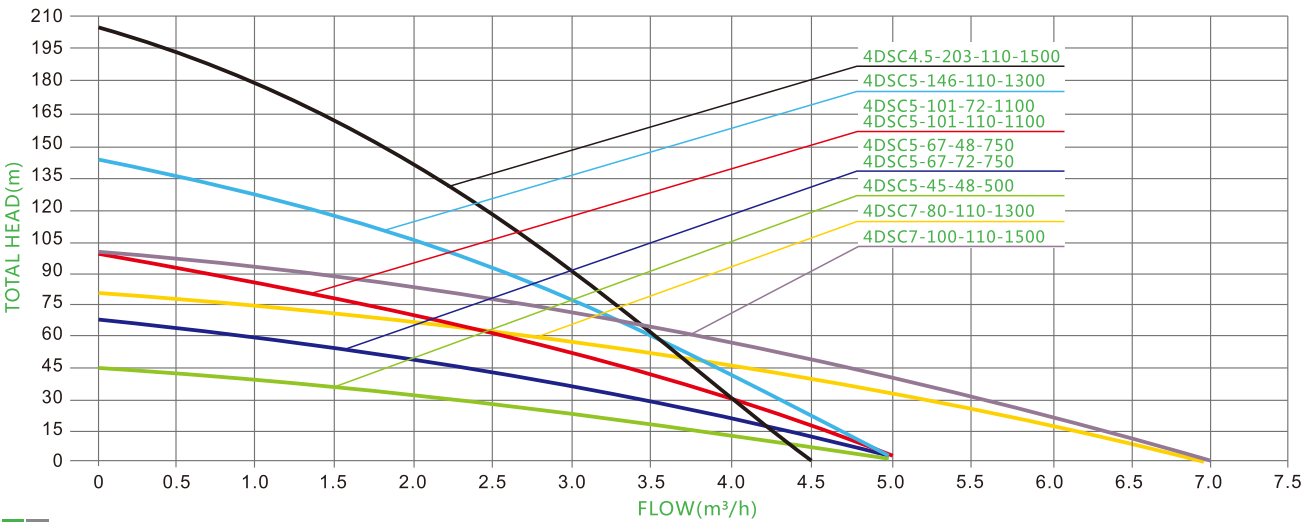
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DPC6-42-48-600	48V	60V-90V	600W	6.0m³/h	42m	1.25"	2m	<100V	≥1.3*PUMP POWER
4DPC6-42-72-600	72V	90V-120V	600W	6.0m³/h	42m	1.25"	2m	<150V	≥1.3*PUMP POWER
4DPC6-56-48-750	48V	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
4DPC9-58-110-1300	110V	110V-150V	1300W	9.0m³/h	58m	2"	2m	<200V	≥1.3*PUMP POWER
4DPC9-71-110-1500	110V	110V-150V	1500W	9.0m³/h	71m	2"	2m	<200V	≥1.3*PUMP POWER
4DPC13-60-110-1500	110V	110V-150V	1500W	13m³/h	60m	2"	2m	<200V	≥1.3*PUMP POWER

4DSC

4" DC BRUSHLESS SOLAR PUMP WITH S/S IMPELLER



PERFORMANCE CURVES

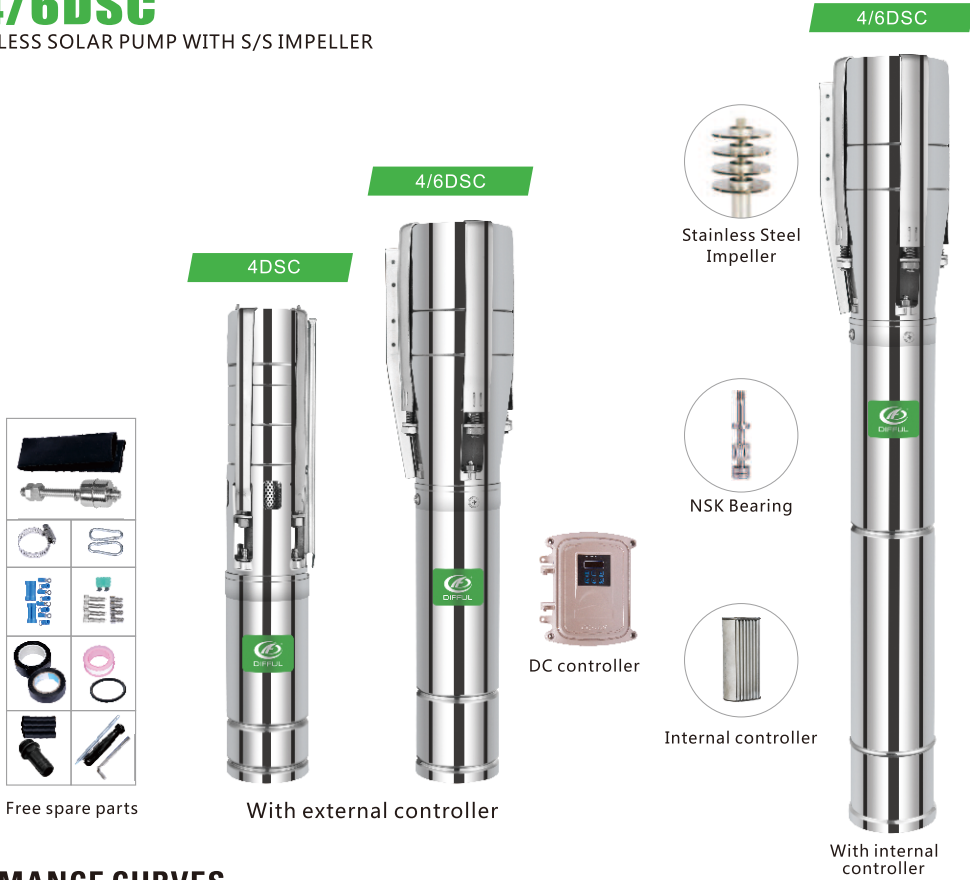


TECHNICAL DATA

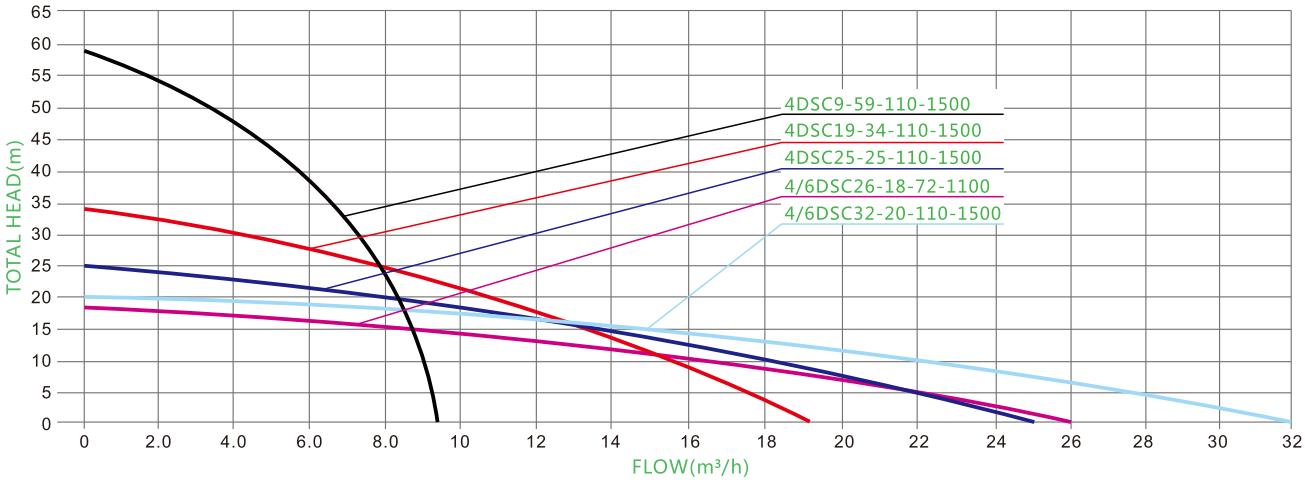
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DSC5-45-48-500	48V	60V-90V	500W	5.0m³/h	45m	1.25"	2m	<100V	≥1.3*PUMP POWER
4DSC5-67-48-750	48V	60V-90V	750W	5.0m³/h	67m	1.25"	2m	<100V	≥1.3*PUMP POWER
4DSC5-67-72-750	72V	90V-120V	750W	5.0m³/h	67m	1.25"	2m	<150V	≥1.3*PUMP POWER
4DSC5-101-72-1100	72V	90V-120V	1100W	5.0m³/h	101m	1.25"	2m	<150V	≥1.3*PUMP POWER
4DSC5-101-110-1100	110V	110V-150V	1100W	5.0m³/h	101m	1.25"	2m	<200V	≥1.3*PUMP POWER
4DSC5-146-110-1300	110V	110V-150V	1300W	5.0m³/h	146m	1.25"	2m	<200V	≥1.3*PUMP POWER
4DSC4.5-203-110-1500	110V	110V-150V	1500W	4.5m³/h	203m	1.25"	2m	<200V	≥1.3*PUMP POWER
4DSC7-80-110-1300	110V	110V-150V	1300W	7.0m³/h	80m	1.25"	2m	<200V	≥1.3*PUMP POWER
4DSC7-100-110-1500	110V	110V-150V	1500W	7.0m³/h	100m	1.25"	2m	<200V	≥1.3*PUMP POWER

4DSC/ 4/6DSC

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



PERFORMANCE CURVES



TECHNICAL DATA

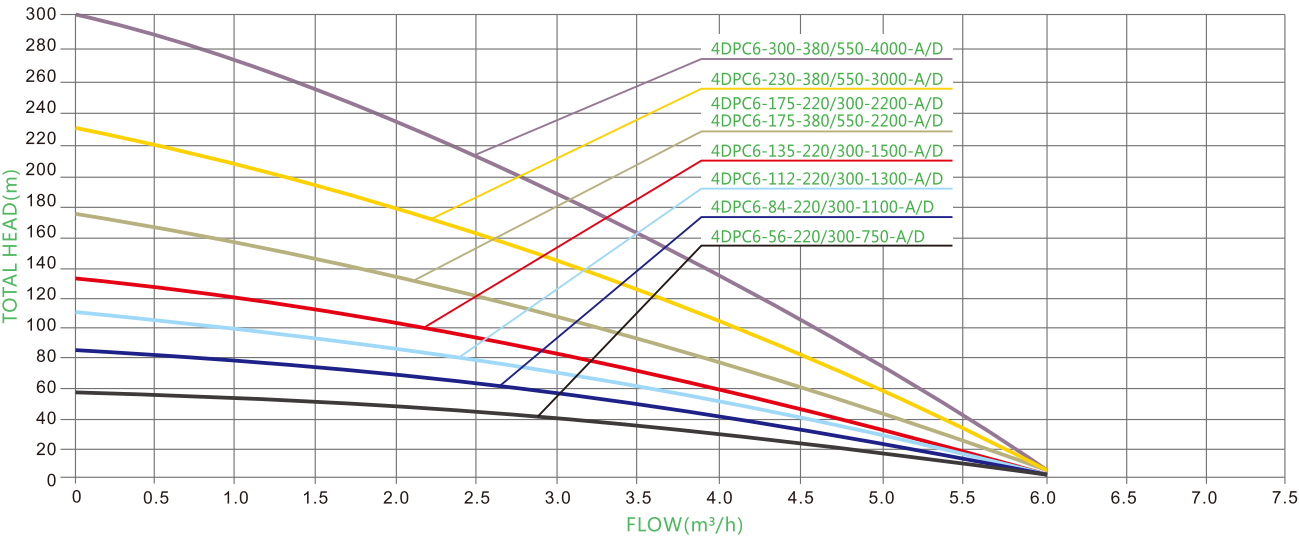
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DSC9-59-110-1500	110V	110V-150V	1500W	9m³/h	59m	2"	2m	<200V	≥1.3*PUMP POWER
4DSC19-34-110-1500	110V	110V-150V	1500W	19m³/h	34m	2"	2m	<200V	≥1.3*PUMP POWER
4DSC25-25-110-1500	110V	110V-150V	1500W	25m³/h	25m	2"	2m	<200V	≥1.3*PUMP POWER
4/6DSC26-18-72-1100	72V	90V-120V	1100W	26m³/h	18m	3"	2m	<150V	≥1.3*PUMP POWER
4/6DSC32-20-110-1500	110V	110V-150V	1500W	32m³/h	20m	3"	2m	<200V	≥1.3*PUMP POWER

4DPC-A/D

4" AC/DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER



PERFORMANCE CURVES



TECHNICAL DATA

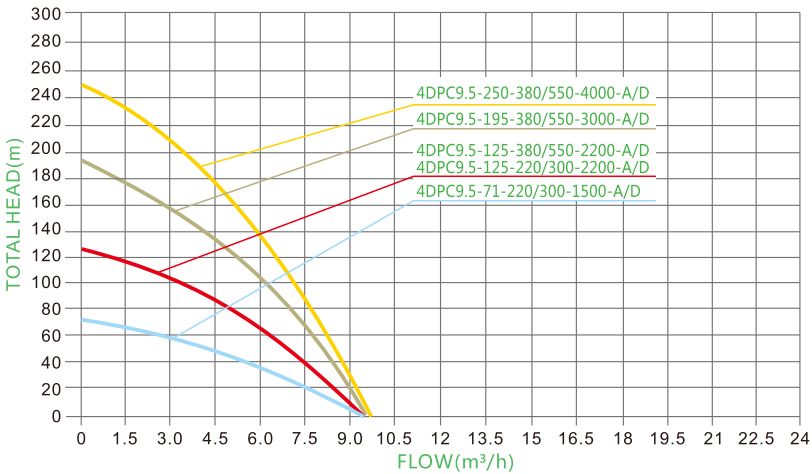
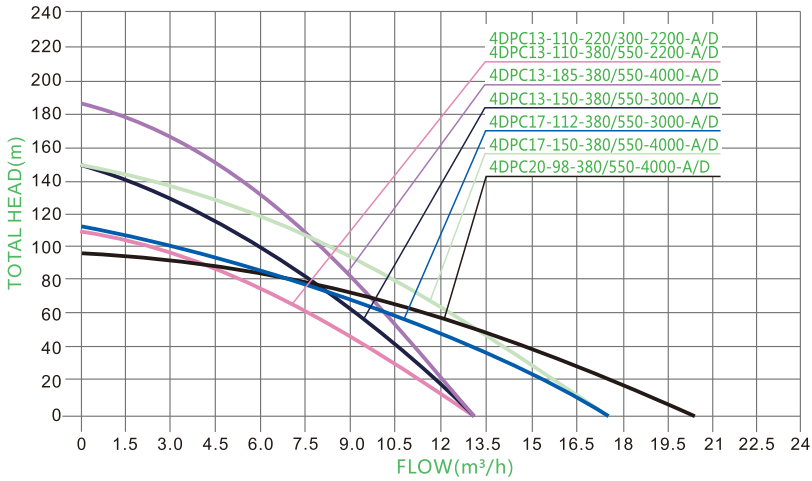
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DPC6-56-220/300-750-A/D	AC220/DC300V	300V-400V	750w	6m³/h	56m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DPC6-84-220/300-1100-A/D	AC220/DC300V	300V-400V	1100w	6m³/h	84m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DPC6-112-220/300-1300-A/D	AC220/DC300V	300V-400V	1300w	6m³/h	112m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DPC6-135-220/300-1500-A/D	AC220/DC300V	300V-400V	1500w	6m³/h	135m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DPC6-175-220/300-2200-A/D	AC220/DC300V	300V-400V	2200w	6m³/h	175m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DPC6-175-380/550-2200-A/D	AC380/DC550V	480V-750V	2200w	6m³/h	175m	1.25"	2m	<800V	≥1.3*PUMP POWER
4DPC6-230-380/550-3000-A/D	AC380/DC550V	480V-750V	3000w	6m³/h	230m	1.25"	2m	<800V	≥1.3*PUMP POWER
4DPC6-300-380/550-4000-A/D	AC380/DC550V	480V-750V	4000w	6m³/h	300m	1.25"	2m	<800V	≥1.3*PUMP POWER



4DPC-A/D

4" AC/DC BRUSHLESS SOLAR PUMP WITH PLASTIC IMPELLER

PERFORMANCE CURVES

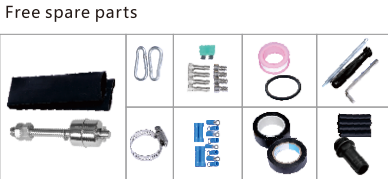


TECHNICAL DATA

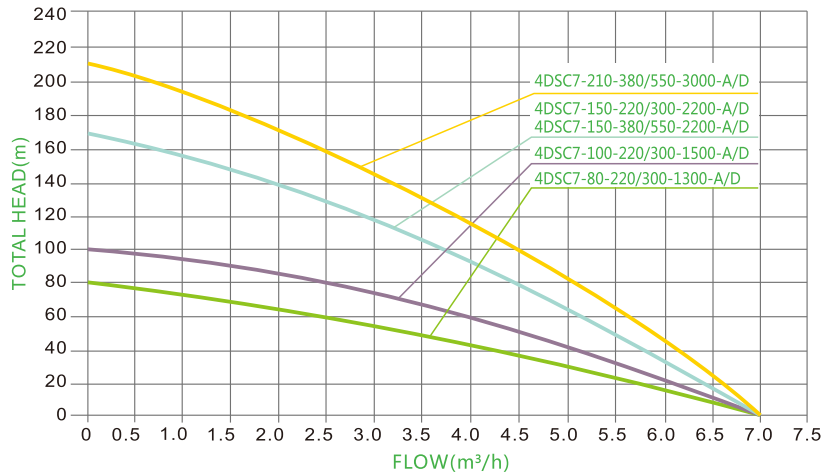
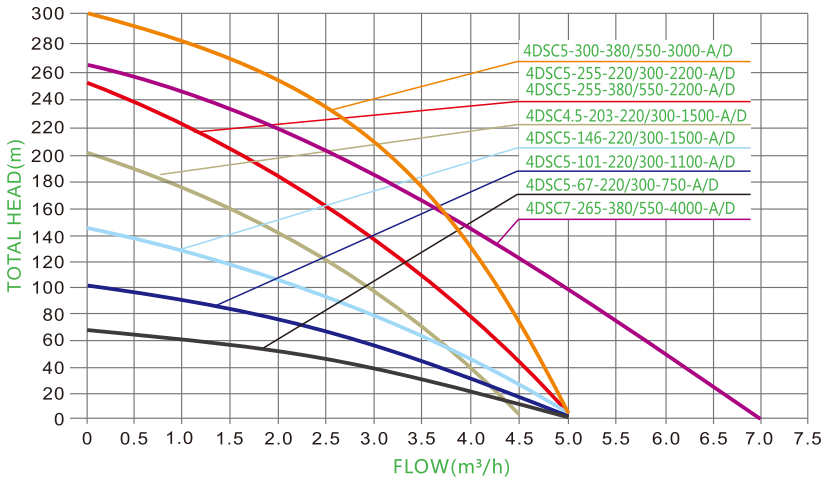
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DPC9.5-71-220/300-1500-A/D	AC220/DC300V	300V-400V	1500w	9.5m³/h	71m	2"	2m	<450V	≥1.3*PUMP POWER
4DPC9.5-125-220/300-2200-A/D	AC220/DC300V	300V-400V	2200w	9.5m³/h	125m	2"	2m	<450V	≥1.3*PUMP POWER
4DPC9.5-125-380/550-2200-A/D	AC380/DC550V	480V-750V	2200w	9.5m³/h	125m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC9.5-195-380/550-3000-A/D	AC380/DC550V	480V-750V	3000w	9.5m³/h	195m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC9.5-250-380/550-4000-A/D	AC380/DC550V	480V-750V	4000w	9.5m³/h	250m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC13-60-220/300-1500-A/D	AC220/DC300V	300V-400V	1500w	13m³/h	60m	2"	2m	<450V	≥1.3*PUMP POWER
4DPC13-110-220/300-2200-A/D	AC220/DC300V	300V-400V	2200w	13m³/h	110m	2"	2m	<450V	≥1.3*PUMP POWER
4DPC13-110-380/550-2200-A/D	AC380/DC550V	480V-750V	2200w	13m³/h	110m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC13-150-380/550-3000-A/D	AC380/DC550V	480V-750V	3000w	13m³/h	150m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC13-185-380/550-4000-A/D	AC380/DC550V	480V-750V	4000w	13m³/h	185m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC17-112-380/550-3000-A/D	AC380/DC550V	480V-750V	3000w	17m³/h	112m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC17-150-380/550-4000-A/D	AC380/DC550V	480V-750V	4000w	17m³/h	150m	2"	2m	<800V	≥1.3*PUMP POWER
4DPC20-98-380/550-4000-A/D	AC380/DC550V	480V-750V	4000w	20m³/h	98m	2"	2m	<800V	≥1.3*PUMP POWER

4DSC-A/D

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



PERFORMANCE CURVES



TECHNICAL DATA

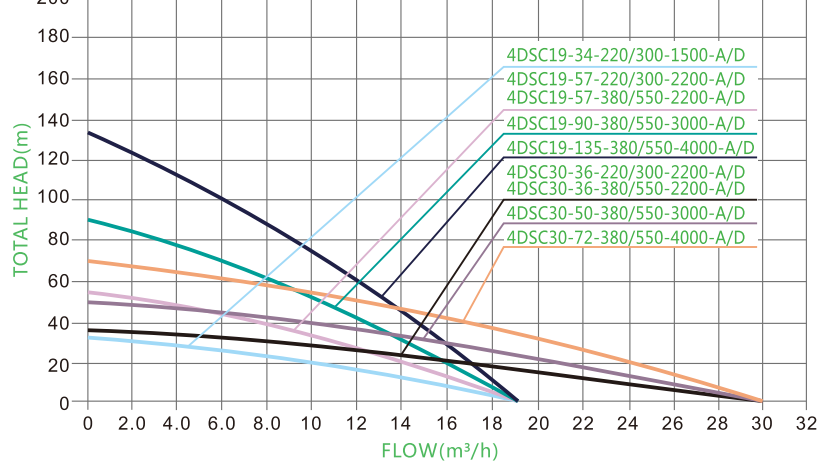
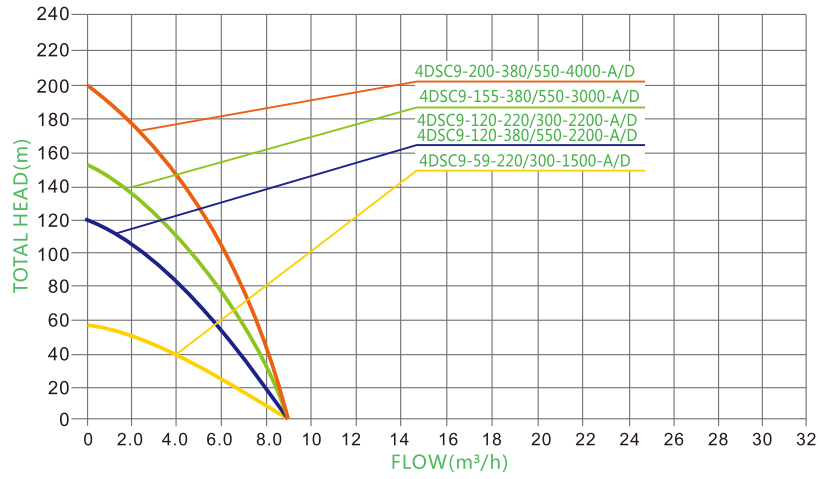
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DSC5-67-220/300-750-A/D	AC220/DC300V	300V-400V	750W	5.0m³/h	67m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC4.5-203-220/300-1500-A/D	AC220/DC300V	300V-400V	1500W	4.5m³/h	203m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC5-101-220/300-1100-A/D	AC220/DC300V	300V-400V	1100W	5.0m³/h	101m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC5-146-220/300-1500-A/D	AC220/DC300V	300V-400V	1500W	5.0m³/h	146m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC5-255-220/300-2200-A/D	AC220/DC300V	300V-400V	2200W	5.0m³/h	255m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC5-255-380/550-2200-A/D	AC380/DC550V	480V-750V	2200W	5.0m³/h	255m	1.25"	2m	<800V	≥1.3*PUMP POWER
4DSC5-300-380/550-3000-A/D	AC380/DC550V	480V-750V	3000W	5.0m³/h	300m	1.25"	2m	<800V	≥1.3*PUMP POWER
4DSC7-80-220/300-1300-A/D	AC220/DC300V	300V-400V	1300W	7.0m³/h	80m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC7-100-220/300-1500-A/D	AC220/DC300V	300V-400V	1500W	7.0m³/h	100m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC7-150-220/300-2200-A/D	AC220/DC300V	300V-400V	2200W	7.0m³/h	150m	1.25"	2m	<450V	≥1.3*PUMP POWER
4DSC7-150-380/550-2200-A/D	AC380/DC550V	480V-750V	2200W	7.0m³/h	150m	1.25"	2m	<800V	≥1.3*PUMP POWER
4DSC7-210-380/550-3000-A/D	AC380/DC550V	480V-750V	3000W	7.0m³/h	210m	1.25"	2m	<800V	≥1.3*PUMP POWER
4DSC7-265-380/550-4000-A/D	AC380/DC550V	480V-750V	4000W	7.0m³/h	265m	1.25"	2m	<800V	≥1.3*PUMP POWER

4DSC-A/D

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



PERFORMANCE CURVES



TECHNICAL DATA

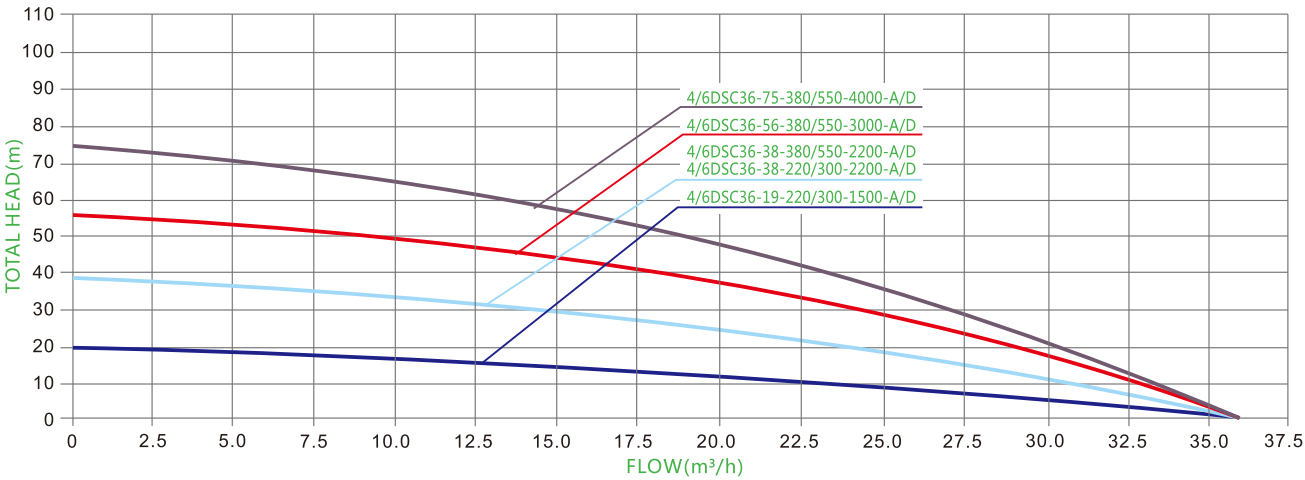
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4DSC9-59-220/300-1500-A/D	AC220/DC300V	300V-400V	1500W	9.0m³/h	59m	2"	2m	<450V	≥1.3*PUMP POWER
4DSC9-120-220/300-2200-A/D	AC220/DC300V	300V-400V	2200W	9.0m³/h	120m	2"	2m	<450V	≥1.3*PUMP POWER
4DSC9-120-380/550-2200-A/D	AC380/DC550V	480V-750V	2200W	9.0m³/h	120m	2"	2m	<800V	≥1.3*PUMP POWER
4DSC9-155-380/550-3000-A/D	AC380/DC550V	480V-750V	3000W	9.0m³/h	155m	2"	2m	<800V	≥1.3*PUMP POWER
4DSC9-200-380/550-4000-A/D	AC380/DC550V	480V-750V	4000W	9.0m³/h	200m	2"	2m	<800V	≥1.3*PUMP POWER
4DSC19-34-220/300-1500-A/D	AC220/DC300V	300V-400V	1500W	19m³/h	34m	2"	2m	<450V	≥1.3*PUMP POWER
4DSC19-57-220/300-2200-A/D	AC220/DC300V	300V-400V	2200W	19m³/h	57m	2"	2m	<450V	≥1.3*PUMP POWER
4DSC19-57-380/550-2200-A/D	AC380/DC550V	480V-750V	2200W	19m³/h	57m	2"	2m	<800V	≥1.3*PUMP POWER
4DSC19-90-380/550-3000-A/D	AC380/DC550V	480V-750V	3000W	19m³/h	90m	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
4DSC30-50-380/550-3000-A/D	AC380/DC550V	480V-750V	3000W	30m³/h	50m	2"	2m	<800V	≥1.3*PUMP POWER
4DSC30-72-380/550-4000-A/D	AC380/DC550V	480V-750V	4000W	30m³/h	72m	2"	2m	<800V	≥1.3*PUMP POWER

4/6DSC-A/D

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



PERFORMANCE CURVES



TECHNICAL DATA

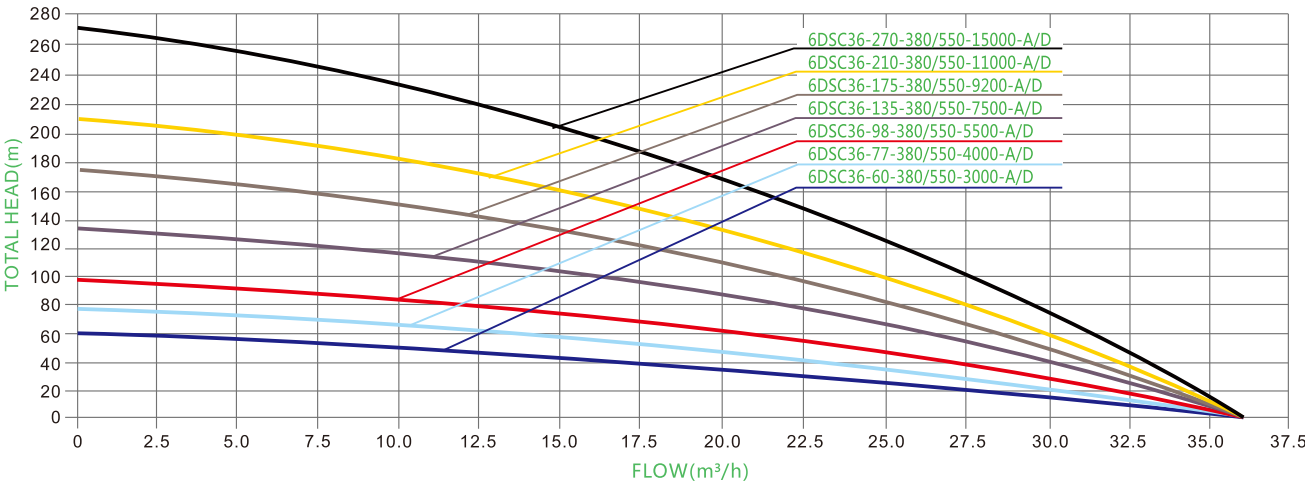
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4/6DSC36-19-220/300-1500-A/D	AC220/DC300V	300V-400V	1500W	36m³/h	19m	3"	2m	<450V	≥1.3*PUMP POWER
4/6DSC36-38-220/300-2200-A/D	AC220/DC300V	300V-400V	2200W	36m³/h	38m	3"	2m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



PERFORMANCE CURVES



TECHNICAL DATA

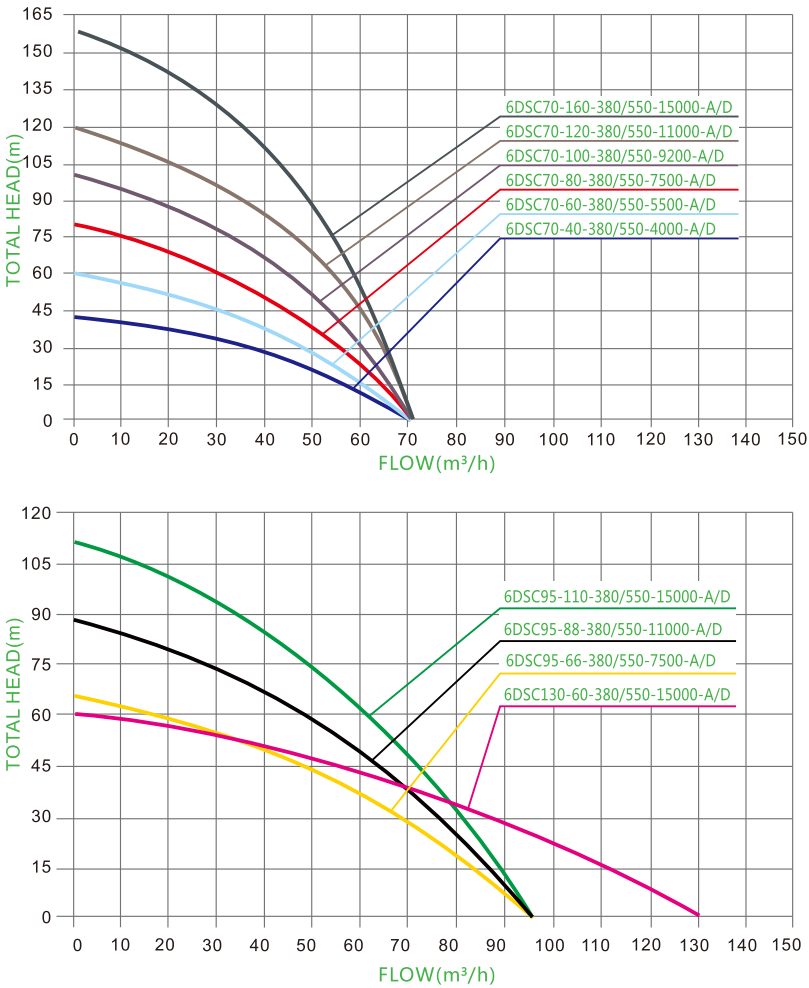
ITEM	Voltage	Best input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
6DSC36-60-380/550-3000-A/D	AC380/DC550V	480V-750V	3000W	36m³/h	60m	3"	2m	<800V	≥1.3*PUMP POWER
6DSC36-77-380/550-4000-A/D	AC380/DC550V	480V-750V	4000W	36m³/h	77m	3"	2m	<800V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



PERFORMANCE CURVES



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

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

PUMP POWER 80W-12V Voc: 18V~50V	(1) Solar panel:150W*1PCS	(2) Solar panel:250W*1PCS	(3) Solar panel:300W*1PCS	PUMP POWER 750W-48V Voc: 30V~100V	(19) Solar panel:250W*4PCS	(20) Solar panel:300W*4PCS
PUMP POWER 120W-24V 180W-24V 200W-24V 210W-24V 210W-36V Voc: 18V~50V	(4) Solar panel:150W*2PCS	(5) Solar panel:250W*1PCS	(6) Solar panel:300W*1PCS	PUMP POWER 750W-72V Voc: 50V~150V	(21) Solar panel:250W*4PCS	(22) Solar panel:300W*3PCS
PUMP POWER 280W-24V 300W-24V Voc: 18V~50V	(7) Solar panel:250W*2PCS	(8) Solar panel:300W*1PCS		PUMP POWER 900W-72V Voc: 50V~150V	(23) Solar panel:250W*4PCS	(24) Solar panel:300W*4PCS
PUMP POWER 400W-36V Voc: 18V~50V	(9) Solar panel:250W*2PCS	(10) Solar panel:300W*2PCS		PUMP POWER 1200W-72V Voc: 50V~150V	(25) Solar panel:250W*6PCS	(26) Solar panel:300W*6PCS
PUMP POWER 370W-48V 400W-48V Voc: 30V~100V	(11) Solar panel:250W*2PCS	(12) Solar panel:300W*2PCS		PUMP POWER 1100W-110V Voc: 60V~200V	(27) Solar panel:250W*6PCS	(28) Solar panel:300W*6PCS
PUMP POWER 500W-48V 550W-48V Voc: 30V~100V	(13) Solar panel:250W*4PCS	(14) Solar panel:300W*2PCS		PUMP POWER 1200W-110V 1300W-110V Voc: 60V~200V	(29) Solar panel:250W*8PCS	(30) Solar panel:300W*6PCS
PUMP POWER 600W-48V Voc: 30V~100V	(15) Solar panel:250W*4PCS	(16) Solar panel:300W*4PCS		PUMP POWER 1500W-110V Voc: 60V~200V	(31) Solar panel:250W*8PCS	(32) Solar panel:300W*8PCS
PUMP POWER 600W-72V Voc: 50V~150V	(17) Solar panel:250W*3PCS	(18) Solar panel:300W*3PCS				

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

PUMP POWER 750W~220V Best DC Vol. 300V~400V	AC:220~240V Solar panel:250W*7PCS Solar panel:300W*6PCS
PUMP POWER 1100W~220V 1200W~220V Best DC Vol. 300V~400V	AC:220~240V Solar panel:250W*8PCS Solar panel:300W*7PCS
PUMP POWER 1300W~220V 1500W~220V Best DC Vol. 300V~400V	AC:220~240V 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