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2"

SDC

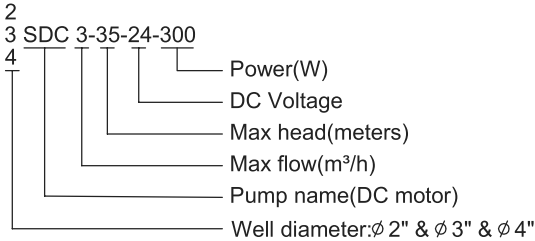
Brushless Solar Pump

ADVANTAGE FOR SOLAR WATER PUMP

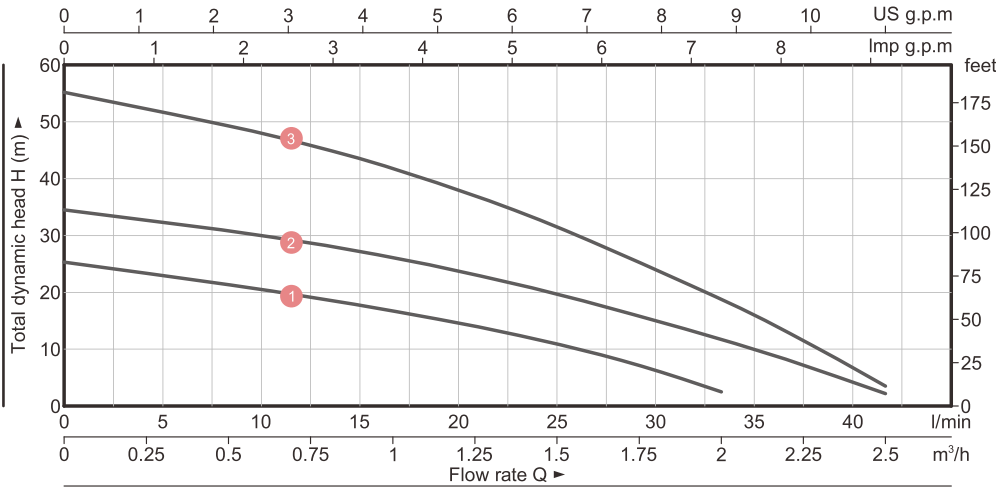
- 1.With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- 2.Environmental protection, clean energy, can be powered by both solar panel and battery
- 3.Over-load protection, under-load protection, lock-rotor protection, thermal protection
- 4.With MPPT function
- 5.Much longer life than the normal AC water pump.

APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use



2SDC

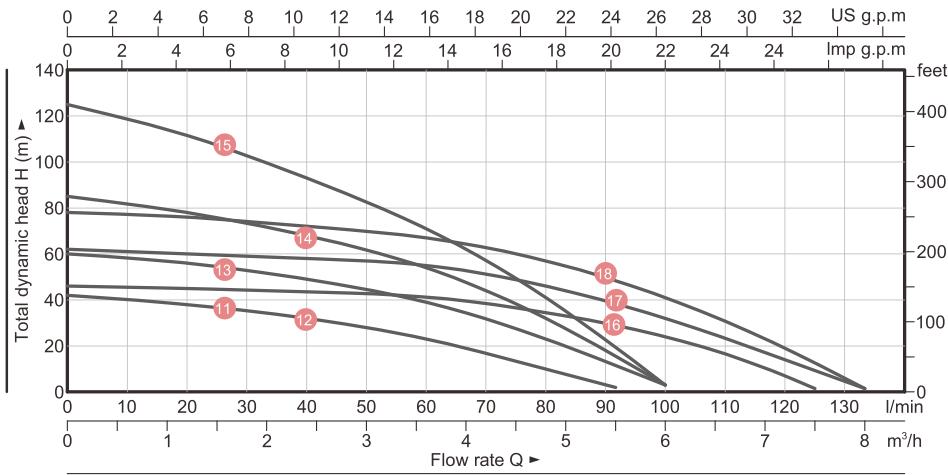
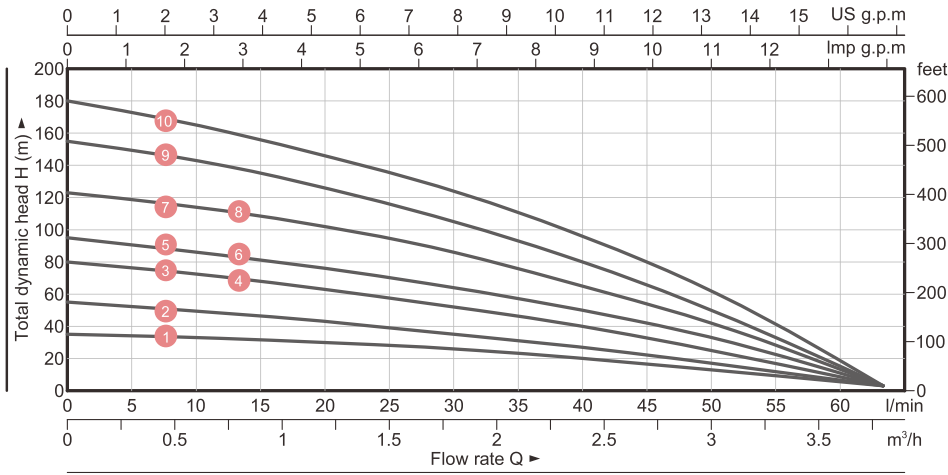


TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 2SDC2-25-12-200	12V	20V-36V	200W	2.0m³ /h	25m	0.5" /0.75"	1.5m	< 50V	≥300w
2 2SDC2.5-36-24-300	24V	30V-48V	300W	2.5m³ /h	36m	0.5" /0.75"	1.5m	< 50V	≥500w
3 2SDC2.5-55-48-400	48V	60V-90V	400W	2.5m³ /h	55m	0.5" /0.75"	1.5m	< 100V	≥600w

3SDC

3"

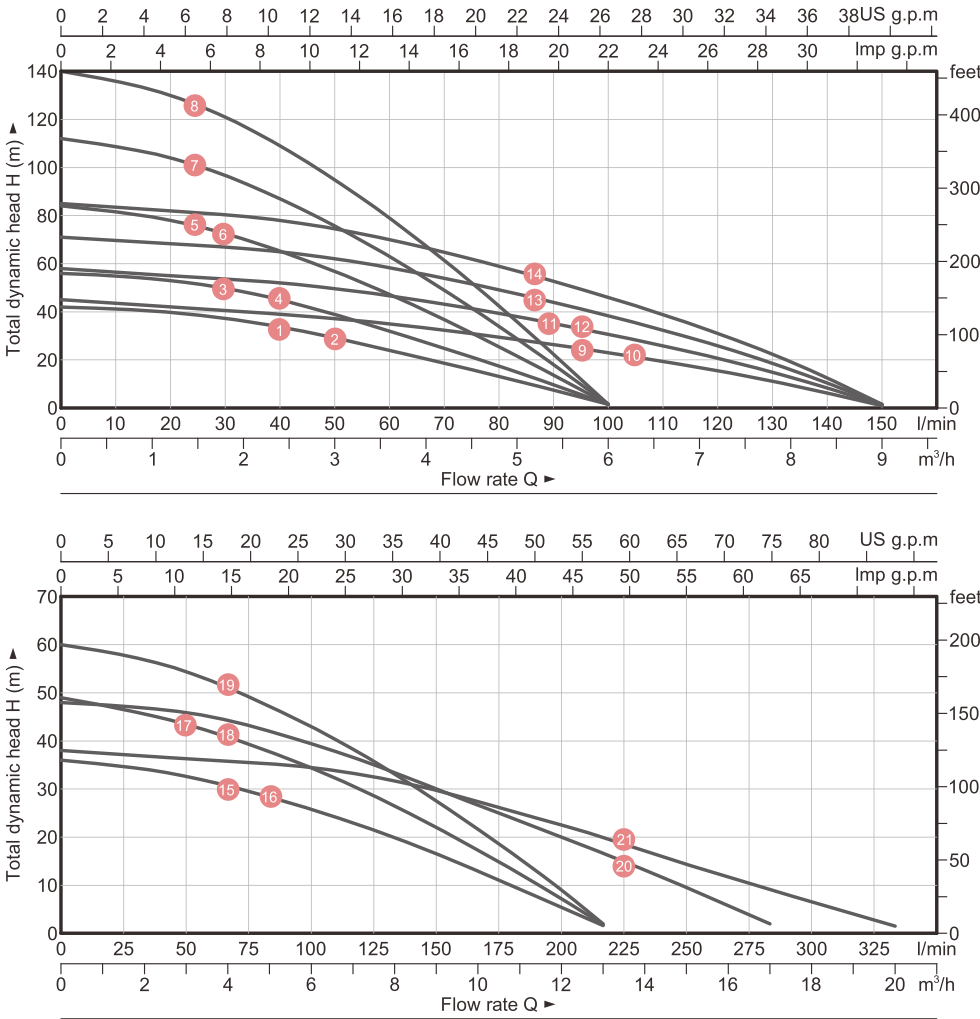


TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 3SDC3.8-35-24-300	24V	30V-48V	300W	3.8m³ /h	35m	1" /1.25"	2m	< 50V	≥500W
2 3SDC3.8-55-48-400	48V	60V-90V	400W	3.8m³ /h	55m	1" /1.25"	2m	< 100V	≥600W
3 3SDC3.8-80-48-600	48V	60V-90V	600W	3.8m³ /h	80m	1" /1.25"	2m	< 100V	≥750W
4 3SDC3.8-80-72-600	72V	90V-120V	600W	3.8m³ /h	80m	1" /1.25"	2m	< 150V	≥750W
5 3SDC3.8-95-48-750	48V	60V-90V	750W	3.8m³ /h	95m	1" /1.25"	2m	< 100V	≥1000W
6 3SDC3.8-95-72-750	72V	90V-120V	750W	3.8m³ /h	95m	1" /1.25"	2m	< 150V	≥1000W
7 3SDC3.8-123-72-1100	72V	90V-120V	1100W	3.8m³ /h	123m	1" /1.25"	2m	< 150V	≥1500W
8 3SDC3.8-123-110-1100	110V	110V-150V	1100W	3.8m³ /h	123m	1" /1.25"	2m	< 200V	≥1500W
9 3SDC3.8-155-110-1300	110V	110V-150V	1300W	3.8m³ /h	155m	1" /1.25"	2m	< 200V	≥1800W
10 3SDC3.8-180-110-1500	110V	110V-150V	1500W	3.8m³ /h	180m	1" /1.25"	2m	< 200V	≥2000W
11 3SDC5.5-42-48-600	48V	60V-90V	600W	5.5m³ /h	42m	1" /1.25"	2m	< 100V	≥750W
12 3SDC5.5-42-72-600	72V	90V-120V	600W	5.5m³ /h	42m	1" /1.25"	2m	< 150V	≥750W
13 3SDC6-60-72-750	72V	90V-120V	750W	6m³ /h	60m	1" /1.25"	2m	< 150V	≥1000W
14 3SDC6-85-110-1100	110V	110V-150V	1100W	6m³ /h	85m	1" /1.25"	2m	< 200V	≥1500W
15 3SDC6-125-110-1500	110V	110V-150V	1500W	6m³ /h	125m	1" /1.25"	2m	< 200V	≥2000W
16 3SDC7-46-72-750	72V	90V-120V	750W	7m³ /h	46m	1.25" /1.5"	2m	< 150V	≥1000W
17 3SDC8-62-110-1100	110V	110V-150V	1100W	8m³ /h	62m	1.25" /1.5"	2m	< 200V	≥1500W
18 3SDC8-78-110-1500	110V	110V-150V	1500W	8m³ /h	78m	1.25" /1.5"	2m	< 200V	≥2000W

4SDC

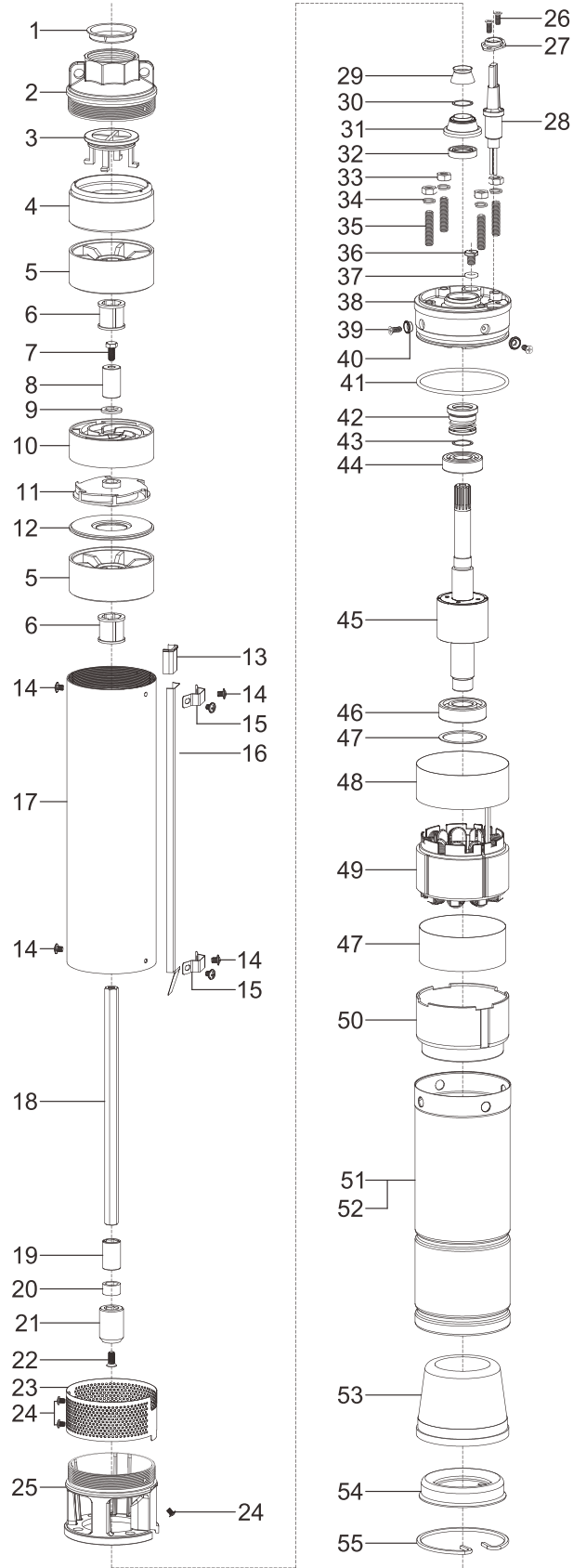
4"



TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 4SDC6-42-48-600	48V	60V-90V	600W	6m³/h	42m	1.25" /1.5"	2m	<100V	≥750W
2 4SDC6-42-72-600	72V	90V-120V	600W	6m³/h	42m	1.25" /1.5"	2m	<150V	≥750W
3 4SDC6-56-48-750	48V	60V-90V	750W	6m³/h	56m	1.25" /1.5"	2m	<100V	≥1000W
4 4SDC6-56-72-750	72V	90V-120V	750W	6m³/h	56m	1.25" /1.5"	2m	<150V	≥1000W
5 4SDC6-84-72-1100	72V	90V-120V	1100W	6m³/h	84m	1.25" /1.5"	2m	<150V	≥1500W
6 4SDC6-84-110-1100	110V	110V-150V	1100W	6m³/h	84m	1.25" /1.5"	2m	<200V	≥1500W
7 4SDC6-112-110-1300	110V	110V-150V	1300W	6m³/h	112m	1.25" /1.5"	2m	<200V	≥1800W
8 4SDC6-140-110-1500	110V	110V-150V	1500W	6m³/h	140m	1.25" /1.5"	2m	<200V	≥2000W
9 4SDC9-45-72-750	72V	90V-120V	750W	9m³/h	45m	1.5" /2"	2m	<150V	≥1000W
10 4SDC9-45-110-750	110V	110V-150V	750W	9m³/h	45m	1.5" /2"	2m	<200V	≥1000W
11 4SDC9-58-72-1100	72V	90V-120V	1100W	9m³/h	58m	1.5" /2"	2m	<150V	≥1500W
12 4SDC9-58-110-1100	110V	110V-150V	1100W	9m³/h	58m	1.5" /2"	2m	<200V	≥1500W
13 4SDC9-71-110-1300	110V	110V-150V	1300W	9m³/h	71m	1.5" /2"	2m	<200V	≥1800W
14 4SDC9-85-110-1500	110V	110V-150V	1500W	9m³/h	85m	1.5" /2"	2m	<200V	≥2000W
15 4SDC13-36-72-750	72V	90V-120V	750W	13m³/h	36m	2"	2m	<150V	≥1000W
16 4SDC13-36-110-750	110V	110V-150V	750W	13m³/h	36m	2"	2m	<200V	≥1000W
17 4SDC13-49-72-1100	72V	90V-120V	1100W	13m³/h	49m	2"	2m	<150V	≥1500W
18 4SDC13-49-110-1100	110V	110V-150V	1100W	13m³/h	49m	2"	2m	<200V	≥1500W
19 4SDC13-60-110-1500	110V	110V-150V	1500W	13m³/h	60m	2"	2m	<200V	≥2000W
20 4SDC17-48-110-1500	110V	110V-150V	1500W	17m³/h	48m	2"	2m	<200V	≥2000W
21 4SDC20-38-110-1500	110V	110V-150V	1500W	20m³/h	38m	2"	2m	<200V	≥2000W

SDC Breakdown Diagram



1	Pump cover
2	Outlet
3	Check valve core
4	Check valve seat
5	Intermediate support
6	Rubber bearing
7	Screw
8	Upper bearing bush
9	Sealing gasket
10	Diffuser
11	Impeller
12	Diffuser cover
13	Cable shield
14	Screw
15	Holder pipe
16	Cable cover
17	Pump pipe
18	Shaft
19	Down bushing
20	Plastic sleeve
21	Coupling
22	screw
23	Strainer
24	Screw
25	Suction support
26	Screw
27	Cable clamp
28	Cable
29	Sand proof sleeve
30	gasket
31	Sand proof cap
32	Skeleton oil seal
33	Nut
34	Spring washer
35	Bolt
36	Grease screw
37	"O"Ring
38	Bearing seat
39	Screw
40	Gasket
41	"O"Ring
42	Mechanical seal
43	Mechanical seal gasket
44	Bearing
45	Rotor
46	Bearing
47	Bearing shim
48	Bushing
49	Stator
50	Bearing seat
51	Motor pipe
52	Oil
53	Rubber cup
54	End cover
55	Clamping spring

SPC

Brushless Solar Pump

ADVANTAGE FOR SOLAR WATER PUMP

- 1.With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- 2.Environmental protection, clean energy, can be powered by both solar panel and battery
- 3.Over-load protection, under-load protection, lock-rotor protection, thermal protection
- 4.With MPPT function
- 5.Much longer life than the normal AC water pump.

APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use

3
4 SPC 4-35-24-300

Power(W)
DC Voltage
Max head(meters)
Max flow(m³/h)
Pump name(DC motor)
Well diameter:ø 3" & ø 4"

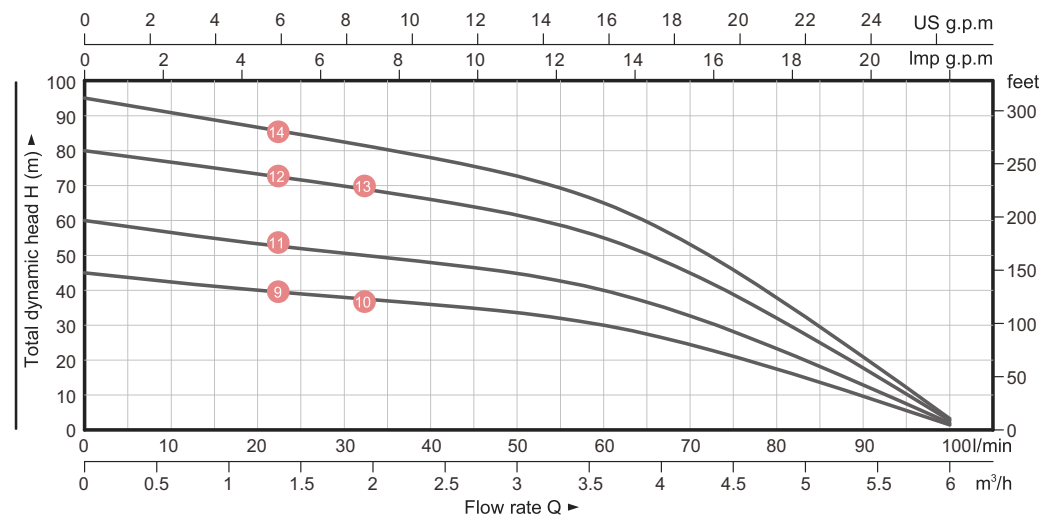
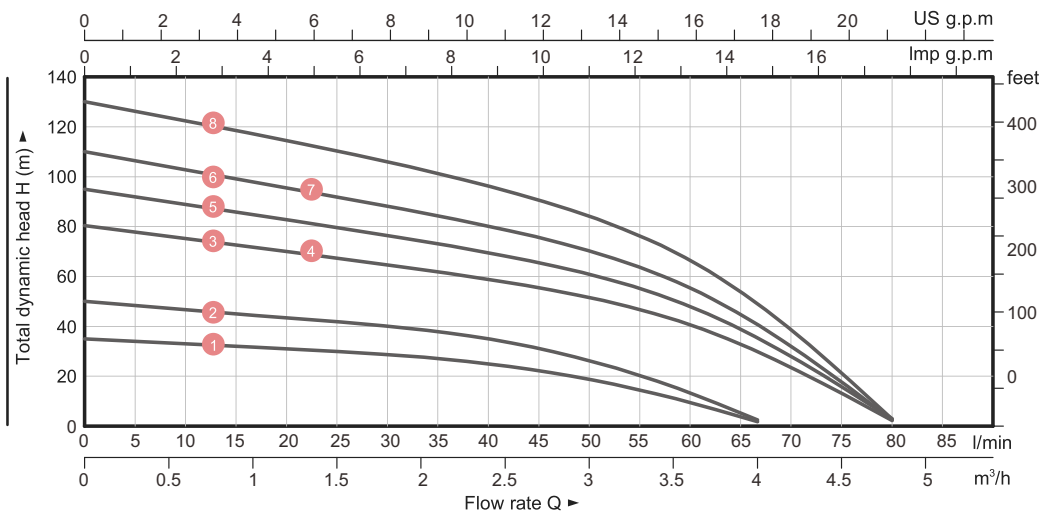
4 / 6 SPC 26-18-72-1100

Power(W)
DC Voltage
Max head(meters)
Max flow(m³/h)
Pump name(DC motor)
Well diameter:ø6" (6" Pump)
4" motor



3SPC

3"

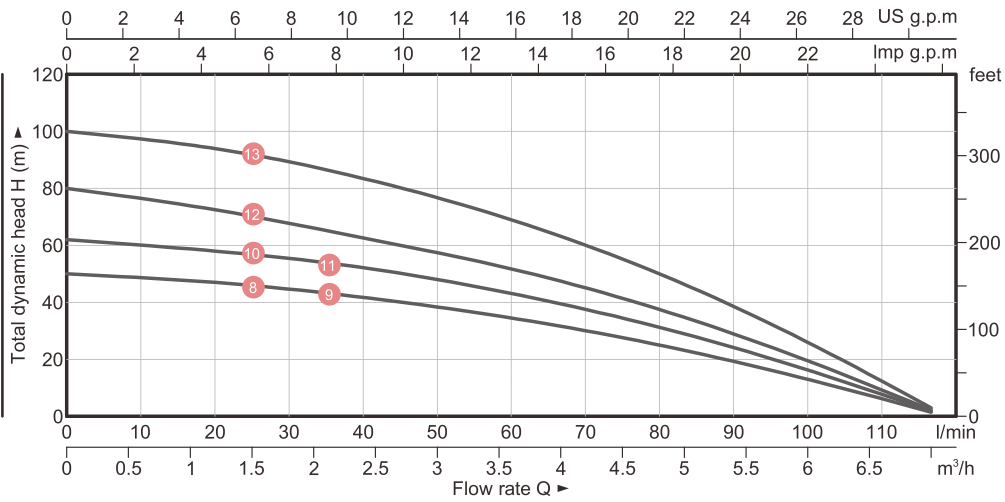
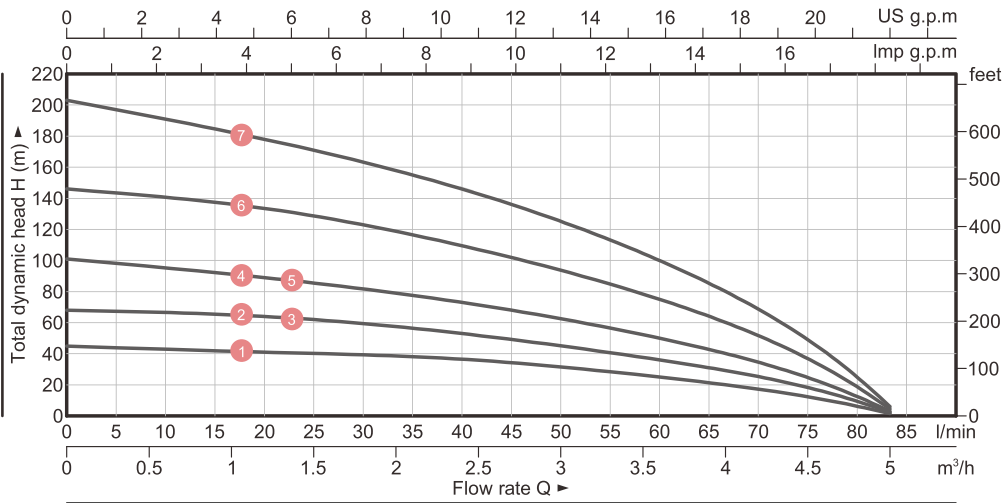


TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 3SPC4-35-24-300	24V	30V-48V	300W	4m³ /h	35m	1.25"	2m	< 50V	≥500W
2 3SPC4-50-48-400	48V	60V-90V	400W	4m³ /h	50m	1.25"	2m	< 100V	≥600W
3 3SPC4.8-80-48-600	48V	60V-90V	600W	4.8m³ /h	80m	1.25"	2m	< 100V	≥750W
4 3SPC4.8-80-72-600	72V	90V-120V	600W	4.8m³ /h	80m	1.25"	2m	< 150V	≥750W
5 3SPC4.8-95-72-750	72V	90V-120V	750W	4.8m³ /h	95m	1.25"	2m	< 150V	≥1000W
6 3SPC4.8-110-72-1100	72V	90V-120V	1100W	4.8m³ /h	110m	1.25"	2m	< 150V	≥1500W
7 3SPC4.8-110-110-1100	110V	110V-150V	1100W	4.8m³ /h	110m	1.25"	2m	< 200V	≥1500W
8 3SPC4.8-130-110-1500	110V	110V-150V	1500W	4.8m³ /h	130m	1.25"	2m	< 200V	≥2000W
9 3SPC6-44-48-600	48V	60V-90V	600W	6m³ /h	44m	1.25"	2m	< 100V	≥750W
10 3SPC6-44-72-600	72V	90V-120V	600W	6m³ /h	44m	1.25"	2m	< 150V	≥750W
11 3SPC6-60-72-750	72V	90V-120V	750W	6m³ /h	60m	1.25"	2m	< 150V	≥1000W
12 3SPC6-80-72-1100	72V	90V-120V	1100W	6m³ /h	80m	1.25"	2m	< 150V	≥1500W
13 3SPC6-80-110-1100	110V	110V-150V	1100W	6m³ /h	80m	1.25"	2m	< 200V	≥1500W
14 3SPC6-95-110-1500	110V	110V-150V	1500W	6m³ /h	95m	1.25"	2m	< 200V	≥2000W

4SPC

4"

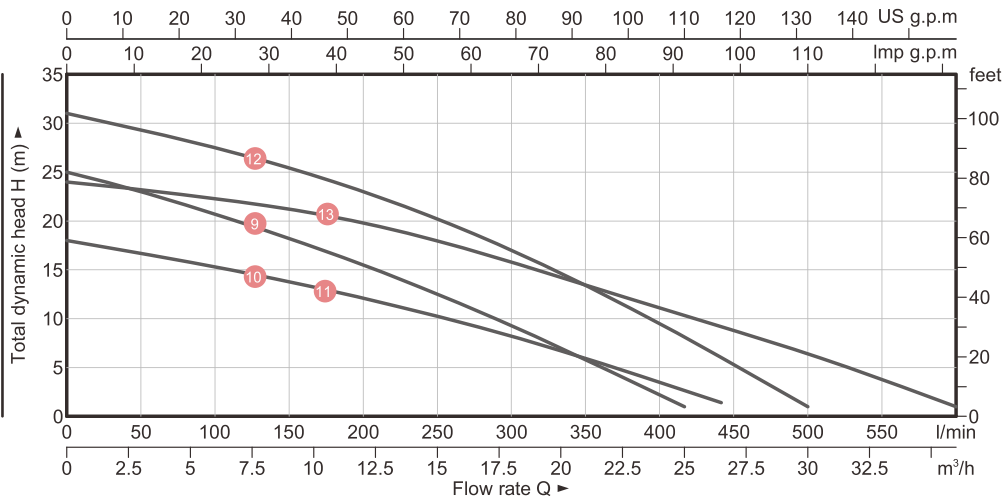
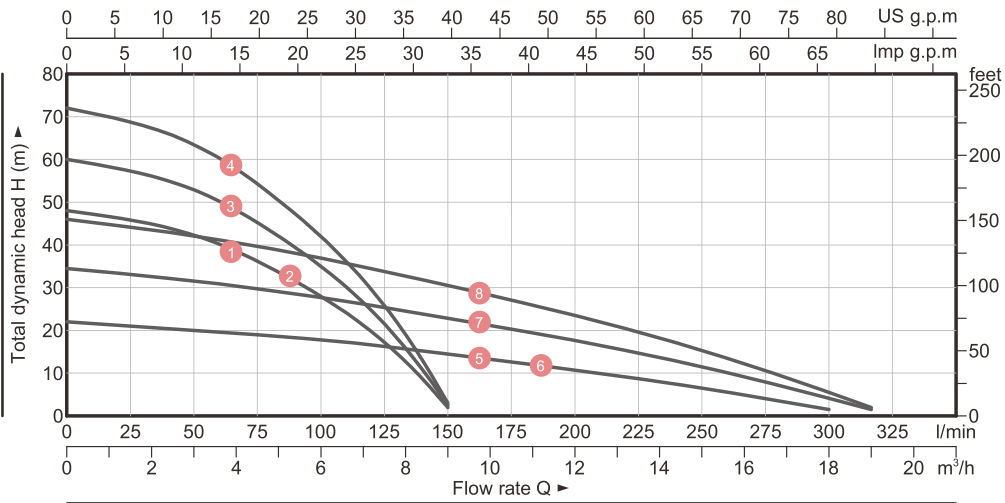


TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 4SPC5-45-48-500	48V	60V-90V	500W	5.0m³ /h	45m	1.25"	2m	< 100V	≥600W
2 4SPC5-67-48-750	48V	60V-90V	750W	5.0m³ /h	67m	1.25"	2m	< 100V	≥1000W
3 4SPC5-67-72-750	72V	90V-120V	750W	5.0m³ /h	67m	1.25"	2m	< 150V	≥1000W
4 4SPC5-101-72-1100	72V	90V-120V	1100W	5.0m³ /h	101m	1.25"	2m	< 150V	≥1500W
5 4SPC5-101-110-1100	110V	110V-150V	1100W	5.0m³ /h	101m	1.25"	2m	< 200V	≥1500W
6 4SPC5-146-110-1300	110V	110V-150V	1300W	5.0m³ /h	146m	1.25"	2m	< 200V	≥1800W
7 4SPC5-203-110-1500	110V	110V-150V	1500W	5.0m³ /h	203m	1.25"	2m	< 200V	≥2000W
8 4SPC7-50-48-750	48V	60V-90V	750W	7.0m³ /h	50m	1.25"	2m	< 100V	≥1000W
9 4SPC7-50-72-750	72V	90V-120V	750W	7.0m³ /h	50m	1.25"	2m	< 150V	≥1000W
10 4SPC7-62-72-1100	72V	90V-120V	1100W	7.0m³ /h	62m	1.25"	2m	< 150V	≥1500W
11 4SPC7-62-110-1100	110V	110V-150V	1100W	7.0m³ /h	62m	1.25"	2m	< 200V	≥1500W
12 4SPC7-80-110-1300	110V	110V-150V	1300W	7.0m³ /h	80m	1.25"	2m	< 200V	≥1800W
13 4SPC7-100-100-1500	110V	110V-150V	1500W	7.0m³ /h	100m	1.25"	2m	< 200V	≥2000W

4SPC

4"



TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 4SPC9-48-72-750	72V	90V-120V	750W	9m³ /h	48m	1.5" /2"	2m	< 150V	≥1000W
2 4SPC9-48-110-750	110V	110V-150V	750W	9m³ /h	48m	1.5" /2"	2m	< 200V	≥1000W
3 4SPC9-59-110-1300	110V	110V-150V	1300W	9m³ /h	59m	1.5" /2"	2m	< 200V	≥1800W
4 4SPC9-72-110-1500	110V	110V-150V	1500W	9m³ /h	72m	1.5" /2"	2m	< 200V	≥2000W
5 4SPC18-22-72-1100	72V	90V-120V	1100W	18m³ /h	22m	2"	2m	< 150V	≥1500W
6 4SPC18-22-110-1100	110V	110V-150V	1100W	18m³ /h	22m	2"	2m	< 200V	≥1500W
7 4SPC19-35-110-1300	110V	110V-150V	1300W	19m³ /h	35m	2"	2m	< 200V	≥1800W
8 4SPC19-46-110-1500	110V	110V-150V	1500W	19m³ /h	46m	2"	2m	< 200V	≥2000W
9 4SPC25-25-110-1500	110V	110V-150V	1500W	25m³ /h	25m	2"	2m	< 200V	≥2000W
10 4/6SPC26-18-72-1100	72V	90V-120V	1100W	26m³ /h	18m	3"	2m	< 150V	≥1500W
11 4/6SPC26-18-110-1100	110V	110V-150V	1100W	26m³ /h	18m	3"	2m	< 200V	≥1500W
12 4/6SPC30-31-110-1500	110V	110V-150V	1500W	30m³ /h	31m	3"	2m	< 200V	≥2000W
13 4/6SPC36-19-110-1500	110V	110V-150V	1500W	36m³ /h	19m	3"	2m	< 200V	≥2000W

QGC

Brushless Solar Pump

ADVANTAGE FOR SOLAR WATER PUMP

- 1.With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- 2.Environmental protection, clean energy, can be powered by both solar panel and battery
- 3.Over-load protection, under-load protection, lock-rotor protection, thermal protection
- 4.With MPPT function
- 5.Much longer life than the normal AC water pump.

APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use

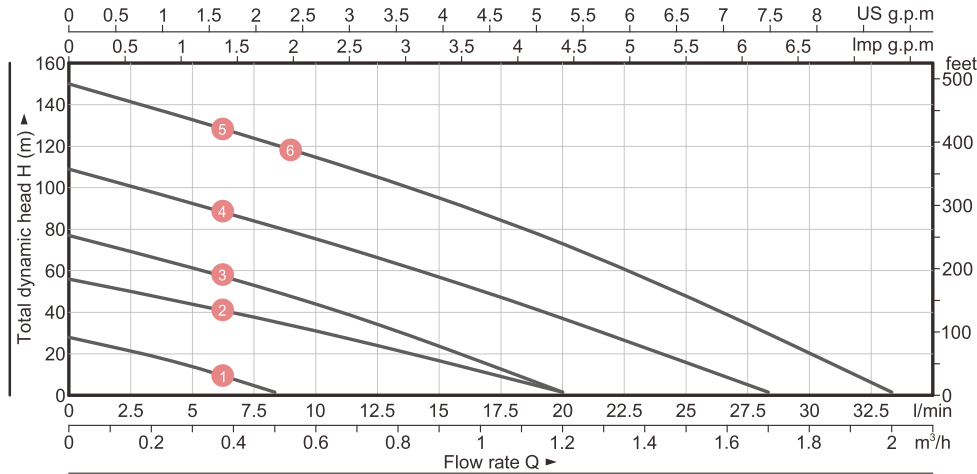
- 2
3 QGC 0.5-28-12-80
4
- Power(W)
 - DC Voltage
 - Max head(meters)
 - Max flow(m³/h)
 - Pump name(DC motor)
 - Well diameter:ø 2" & ø 3" & ø 4"



2"

3QGC

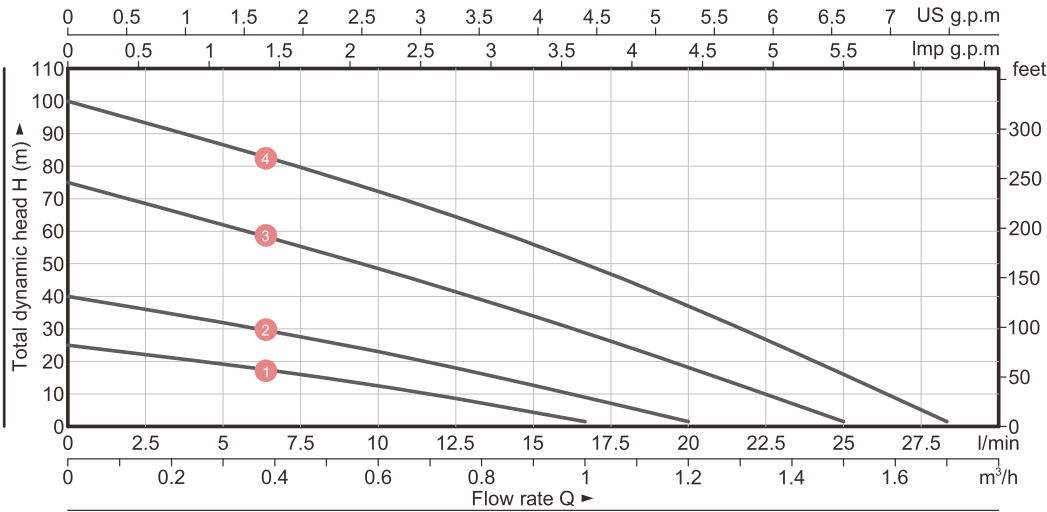
3"



TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 3QGC0.5-28-12-80	12V	20V-36V	80W	0.5m³ /h	28m	0.75"	2m	< 50V	≥150W
2 3QGC1.2-56-24-120	24V	30V-48V	120W	1.2m³ /h	56m	0.75"	2m	< 50V	≥250W
3 3QGC1.2-77-36-210	36V	30V-48V	210W	1.2m³ /h	77m	0.75"	2m	< 50V	≥300W
4 3QGC1.7-109-48-500	48V	60V-90V	500W	1.7m³ /h	109m	0.75"	2m	< 100V	≥600W
5 3QGC2-150-48-750	48V	60V-90V	750W	2.0m³ /h	150m	0.75"	2m	< 100V	≥1000W
6 3QGC2-150-72-750	72V	90V-120V	750W	2.0m³ /h	150m	0.75"	2m	< 150V	≥1000W

2QGC

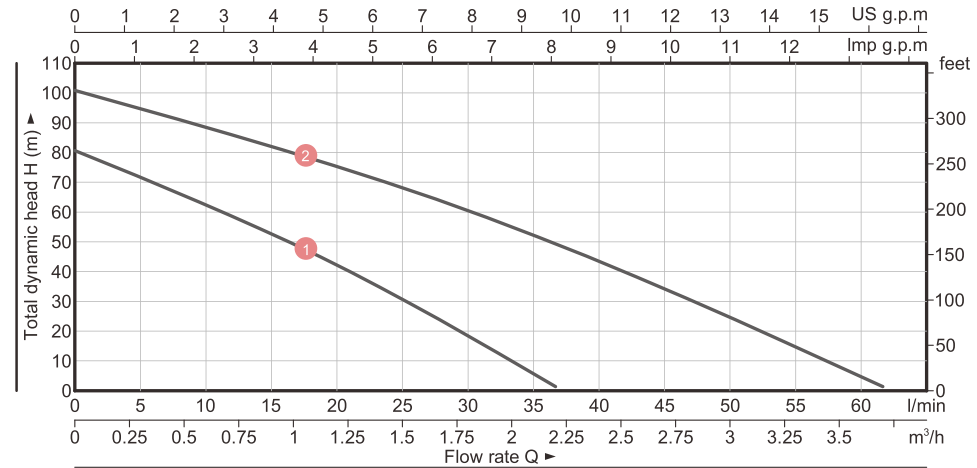


TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 2QGC1-25-12-80	12V	20V-36V	80W	1.0m³ /h	25m	0.5"	1.5m	< 50V	≥150w
2 2QGC1.2-40-24-120	24V	30V-48V	120W	1.2m³ /h	40m	0.5"	1.5m	< 50V	≥250w
3 2QGC1.5-75-36-210	36V	30V-48V	210W	1.5m³ /h	75m	0.5"	1.5m	< 50V	≥300w
4 2QGC1.7-100-48-500	48V	60V-90V	500W	1.7m³ /h	100m	0.5"	1.5m	< 100V	≥600w

4QGC

4"



TECHNICAL DATA

MODEL	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 4QGC2.2-88-48-600	48V	60V-90V	600W	2.2m³ /h	88m	1"	2m	< 100V	≥750W
2 4QGC3.7-112-72-750	72V	90V-120V	750W	3.7m³ /h	112m	1"	2m	< 150V	≥1000W

SDC-A/D (80-400V)

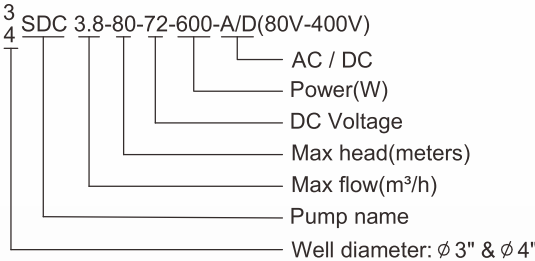
Brushless Solar Pump

ADVANTAGE FOR SOLAR WATER PUMP

- 1.With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- 2.Environmental protection, clean energy, can be powered by both solar panel and battery
- 3.Over-load protection, under-load protection, lock-rotor protection, thermal protection
- 4.With MPPT function
- 5.Much longer life than the normal AC water pump.

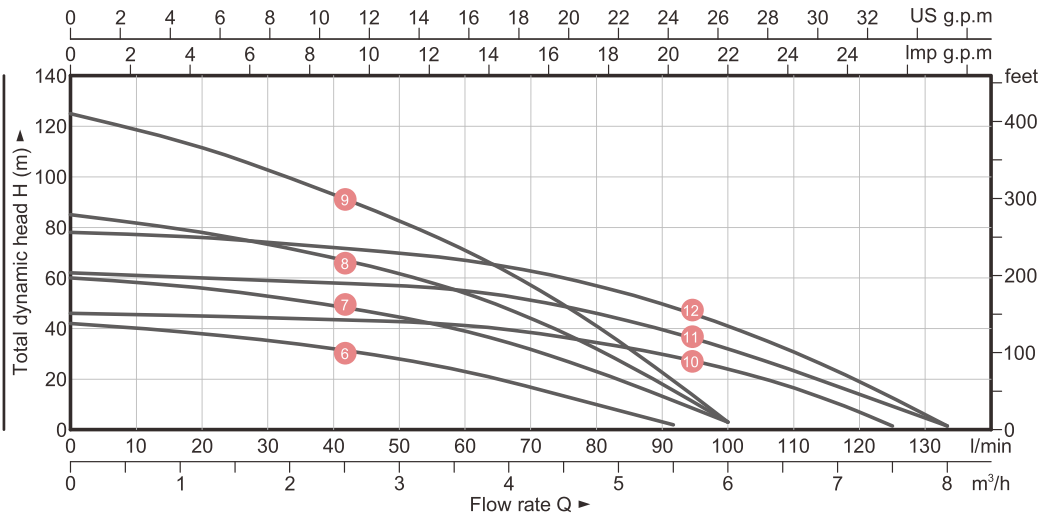
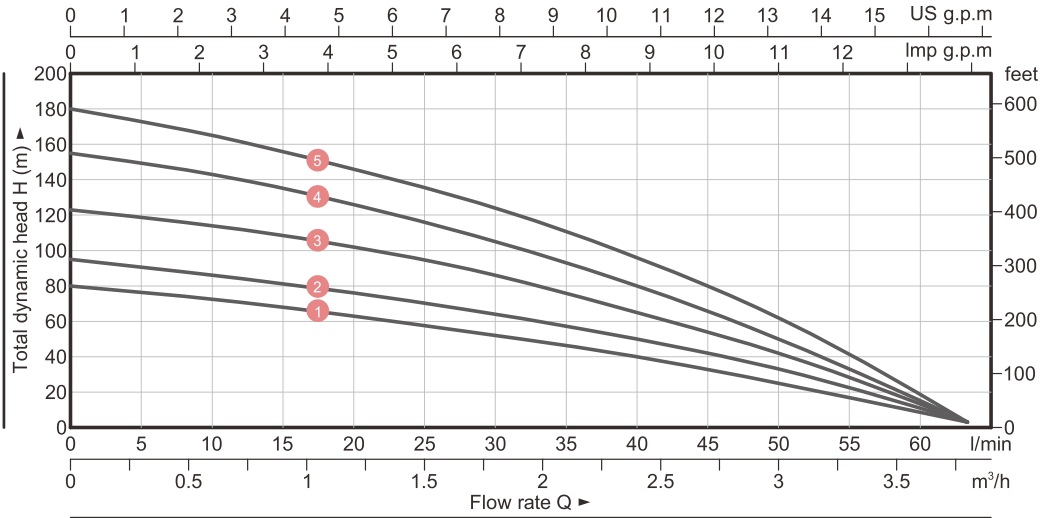
APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use



3SDC-A/D(80-400V)

3"

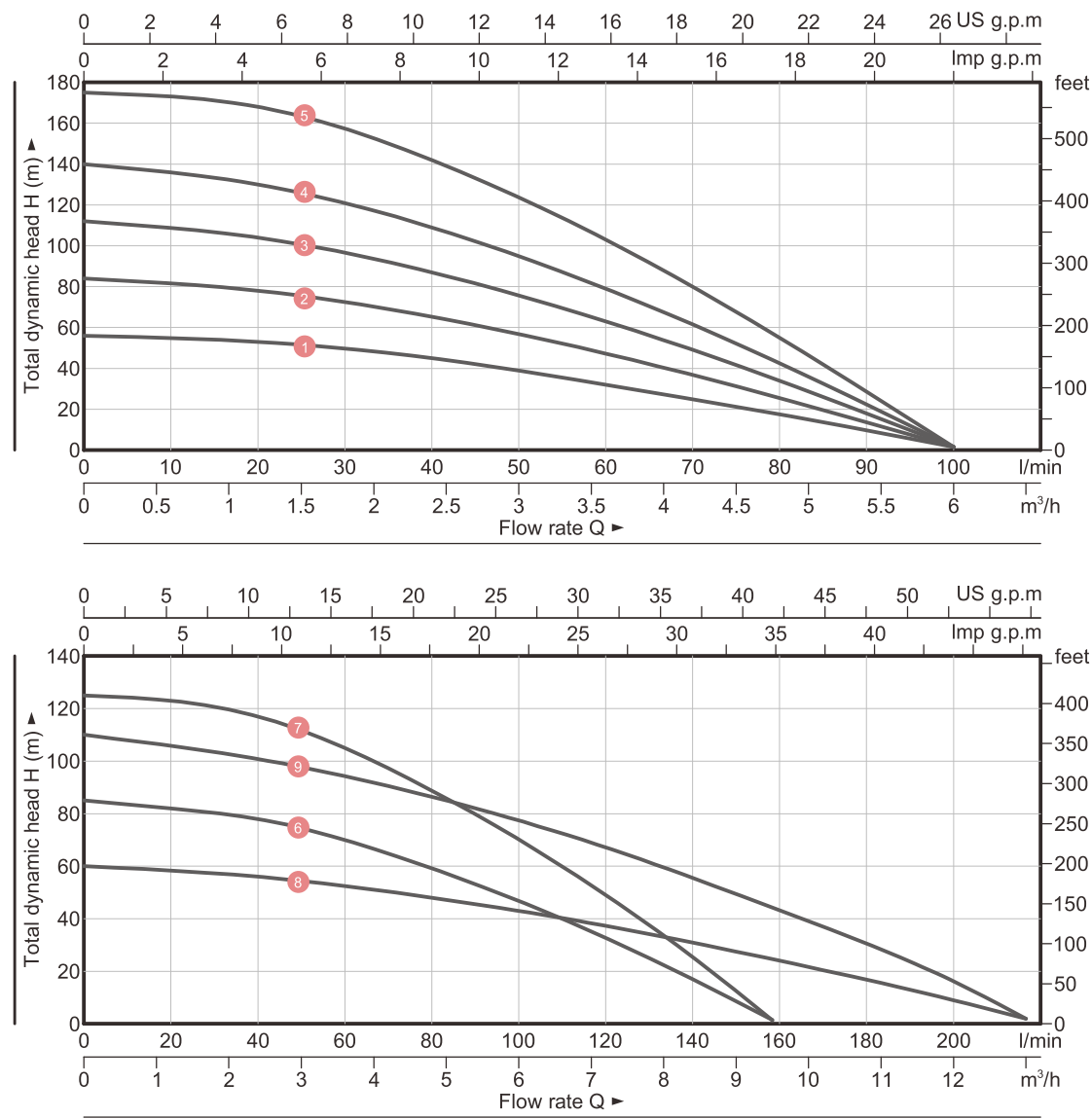


TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
① 3SDC3.8-80-72-600-A/D	110V-240V	80V-400V	600W	3.8m³ /h	80m	1" /1.25"	2m	<420V	≥750W
② 3SDC3.8-95-72-750-A/D	110V-240V	80V-400V	750W	3.8m³ /h	95m	1" /1.25"	2m	<420V	≥1000W
③ 3SDC3.8-123-110-1100-A/D	110V-240V	80V-400V	1100W	3.8m³ /h	123m	1" /1.25"	2m	<420V	≥1500W
④ 3SDC3.8-155-110-1300-A/D	110V-240V	80V-400V	1300W	3.8m³ /h	155m	1" /1.25"	2m	<420V	≥1800W
⑤ 3SDC3.8-180-110-1500-A/D	110V-240V	80V-400V	1500W	3.8m³ /h	180m	1" /1.25"	2m	<420V	≥2000W
⑥ 3SDC5.5-42-72-600-A/D	110V-240V	80V-400V	600W	5.5m³ /h	42m	1" /1.25"	2m	<420V	≥750W
⑦ 3SDC6-60-72-750-A/D	110V-240V	80V-400V	750W	6m³ /h	60m	1" /1.25"	2m	<420V	≥1000W
⑧ 3SDC6-85-110-1100-A/D	110V-240V	80V-400V	1100W	6m³ /h	85m	1" /1.25"	2m	<420V	≥1500W
⑨ 3SDC6-125-110-1500-A/D	110V-240V	80V-400V	1500W	6m³ /h	125m	1" /1.25"	2m	<420V	≥2000W
⑩ 3SDC7-46-72-750-A/D	110V-240V	80V-400V	750W	7m³ /h	46m	1.25" /1.5"	2m	<420V	≥1000W
⑪ 3SDC8-62-110-1100-A/D	110V-240V	80V-400V	1100W	8m³ /h	62m	1.25" /1.5"	2m	<420V	≥1500W
⑫ 3SDC8-78-110-1500-A/D	110V-240V	80V-400V	1500W	8m³ /h	78m	1.25" /1.5"	2m	<420V	≥2000W

4SDC-A/D(80-400V)

4"



TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
① 4SDC6-56-72-750-A/D	110V-240V	80V-400V	750W	6m³ /h	56m	1.25" /1.5"	2m	<420V	≥1000W
② 4SDC6-84-110-1100-A/D	110V-240V	80V-400V	1100W	6m³ /h	84m	1.25" /1.5"	2m	<420V	≥1500W
③ 4SDC6-112-110-1300-A/D	110V-240V	80V-400V	1300W	6m³ /h	112m	1.25" /1.5"	2m	<420V	≥1800W
④ 4SDC6-140-110-1500-A/D	110V-240V	80V-400V	1500W	6m³ /h	140m	1.25" /1.5"	2m	<420V	≥2000W
⑤ 4SDC6-175-220-2200-A/D	180V-240V	80V-400V	2200W	6m³ /h	175m	1.25" /1.5"	2m	<420V	≥3000W
⑥ 4SDC9.5-85-110-1500-A/D	110V-240V	80V-400V	1500W	9.5m³ /h	85m	1.5" /2"	2m	<420V	≥2000W
⑦ 4SDC9.5-125-220-2200-A/D	180V-240V	80V-400V	2200W	9.5m³ /h	125m	1.5" /2"	2m	<420V	≥3000W
⑧ 4SDC13-60-110-1500-A/D	110V-240V	80V-400V	1500W	13m³ /h	60m	1.5" /2"	2m	<420V	≥2000W
⑨ 4SDC13-110-220-2200-A/D	180V-240V	80V-400V	2200W	13m³ /h	110m	1.5" /2"	2m	<420V	≥3000W

SPC-A/D (80-400V)

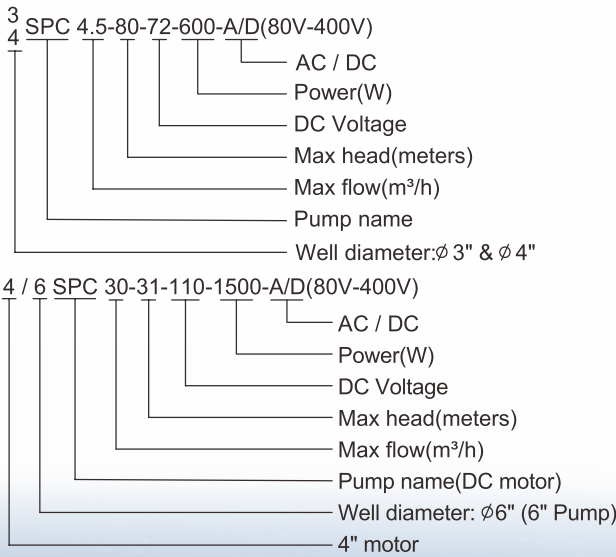
Brushless Solar Pump

ADVANTAGE FOR SOLAR WATER PUMP

- 1.With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- 2.Environmental protection, clean energy, can be powered by both solar panel and battery
- 3.Over-load protection, under-load protection, lock-rotor protection, thermal protection
- 4.With MPPT function
- 5.Much longer life than the normal AC water pump.

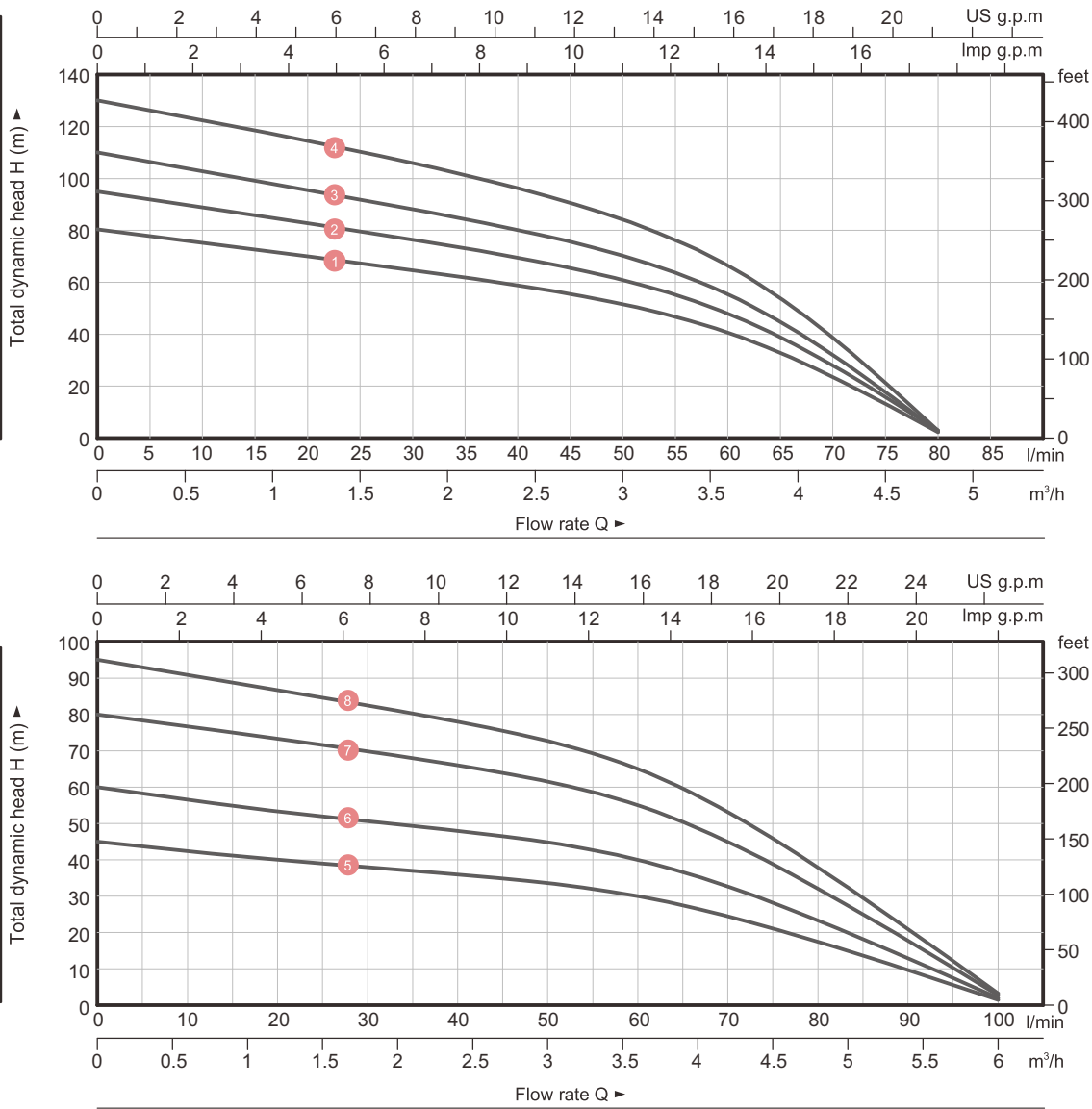
APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use



3SPC-A/D(80-400V)

3"

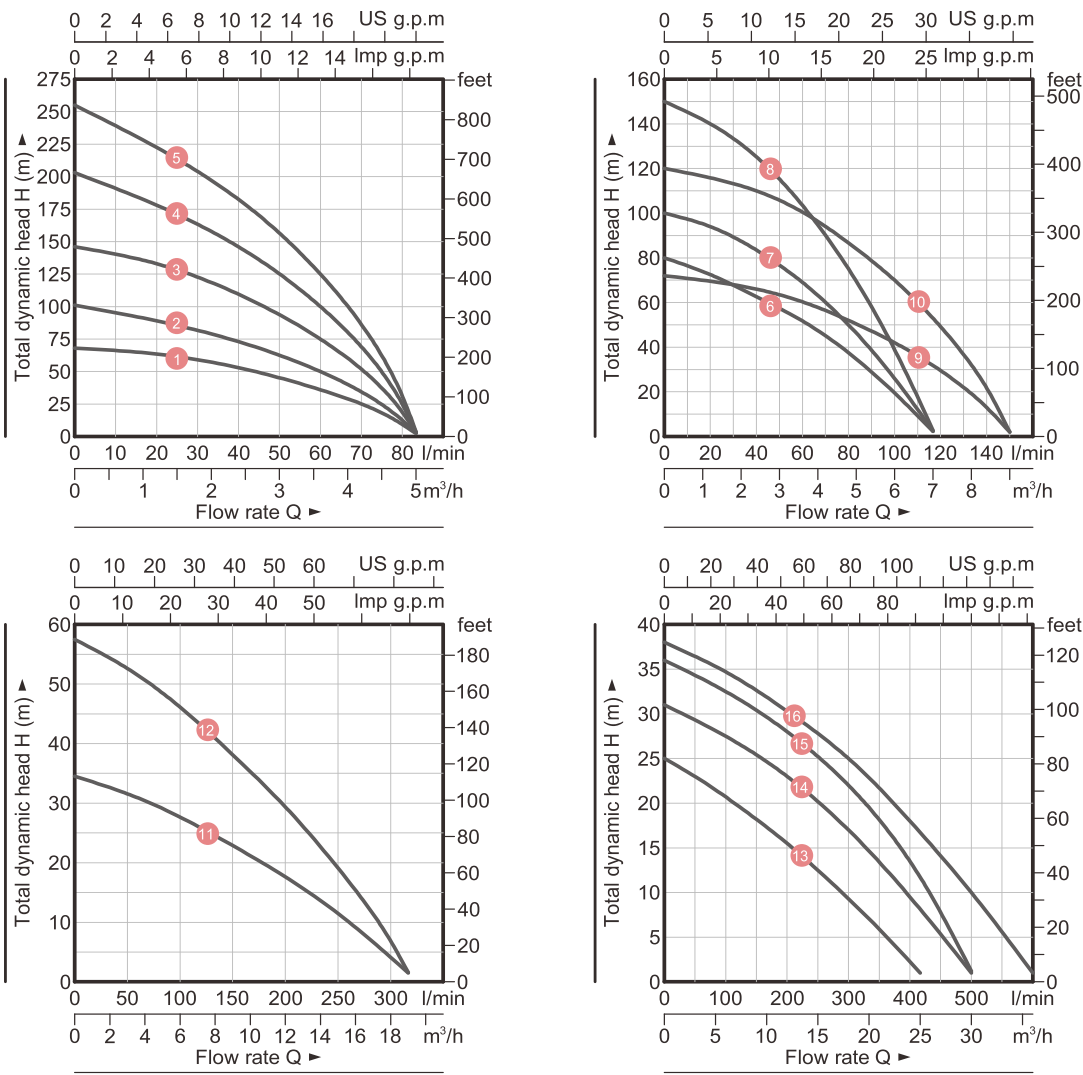


TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 3SPC4.8-80-72-600-A/D	110V-240V	80V-400V	600W	4.8m³ /h	80m	1.25"	2m	<420V	≥750W
2 3SPC4.8-95-72-750-A/D	110V-240V	80V-400V	750W	4.8m³ /h	95m	1.25"	2m	<420V	≥1000W
3 3SPC4.8-110-110-1100-A/D	110V-240V	80V-400V	1100W	4.8m³ /h	110m	1.25"	2m	<420V	≥1500W
4 3SPC4.8-130-110-1500-A/D	110V-240V	80V-400V	1500W	4.8m³ /h	130m	1.25"	2m	<420V	≥2000W
5 3SPC6-44-72-600-A/D	110V-240V	80V-400V	600W	6m³ /h	44m	1.25"	2m	<420V	≥750W
6 3SPC6-60-72-750-A/D	110V-240V	80V-400V	750W	6m³ /h	60m	1.25"	2m	<420V	≥1000W
7 3SPC6-80-110-1100-A/D	110V-240V	80V-400V	1100W	6m³ /h	80m	1.25"	2m	<420V	≥1500W
8 3SPC6-95-110-1500-A/D	110V-240V	80V-400V	1500W	6m³ /h	95m	1.25"	2m	<420V	≥2000W

4SPC-A/D(80-400V)

4"



TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 4SPC5-67-72-750-A/D	110V-240V	80V-400V	750W	5m³ /h	67m	1.25"	2m	<420V	≥1000W
2 4SPC5-101-110-1100-A/D	110V-240V	80V-400V	1100W	5m³ /h	101m	1.25"	2m	<420V	≥1500W
3 4SPC5-146-110-1300-A/D	110V-240V	80V-400V	1300W	5m³ /h	146m	1.25"	2m	<420V	≥1800W
4 4SPC5-203-110-1500-A/D	110V-240V	80V-400V	1500W	5m³ /h	203m	1.25"	2m	<420V	≥2000W
5 4SPC5-255-220-2200-A/D	180V-240V	80V-400V	2200W	5m³ /h	255m	1.25"	2m	<420V	≥3000W
6 4SPC7-80-110-1300-A/D	110V-240V	80V-400V	1300W	7m³ /h	80m	1.25"	2m	<420V	≥1800W
7 4SPC7-100-110-1500-A/D	110V-240V	80V-400V	1500W	7m³ /h	100m	1.25"	2m	<420V	≥2000W
8 4SPC7-150-220-2200-A/D	180V-240V	80V-400V	2200W	7m³ /h	150m	1.25"	2m	<420V	≥3000W
9 4SPC9-72-110-1500-A/D	110V-240V	80V-400V	1500W	9m³ /h	72m	2"	2m	<420V	≥2000W
10 4SPC9-120-220-2200-A/D	180V-240V	80V-400V	2200W	9m³ /h	120m	2"	2m	<420V	≥3000W
11 4SPC19-34-110-1500-A/D	110V-240V	80V-400V	1500W	19m³ /h	34m	2"	2m	<420V	≥2000W
12 4SPC19-57-220-2200-A/D	180V-240V	80V-400V	2200W	19m³ /h	57m	2"	2m	<420V	≥3000W
13 4SPC25-25-110-1500-A/D	110V-240V	80V-400V	1500W	25m³ /h	25m	2"	2m	<420V	≥2000W
14 4SPC30-36-220-2200-A/D	180V-240V	80V-400V	2200W	30m³ /h	36m	2"	2m	<420V	≥3000W
15 4/6SPC30-31-110-1500-A/D	110V-240V	80V-400V	1500W	30m³ /h	31m	3"	2m	<420V	≥2000W
16 4/6SPC36-38-220-2200-A/D	180V-240V	80V-400V	2200W	36m³ /h	38m	3"	2m	<420V	≥3000W

SDC-A/D

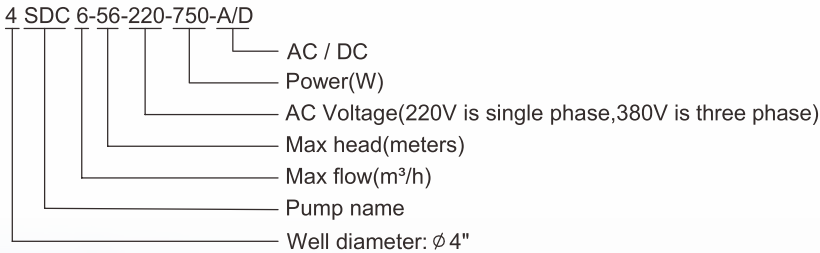
Brushless Solar Pump

ADVANTAGE FOR SOLAR WATER PUMP

- 1.With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- 2.Environmental protection, clean energy, can be powered by both solar panel and battery
- 3.Over-load protection, under-load protection, lock-rotor protection, thermal protection
- 4.With MPPT function
- 5.Much longer life than the normal AC water pump.

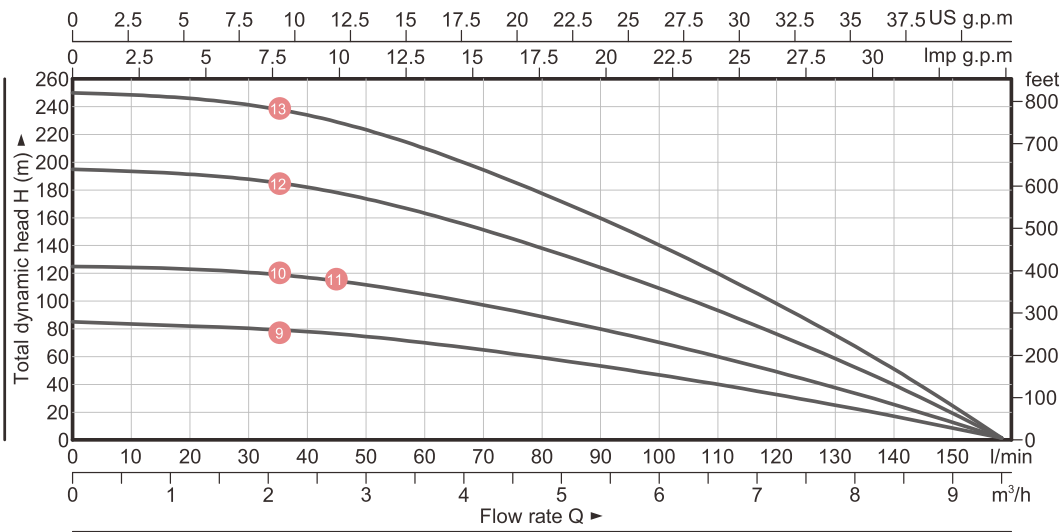
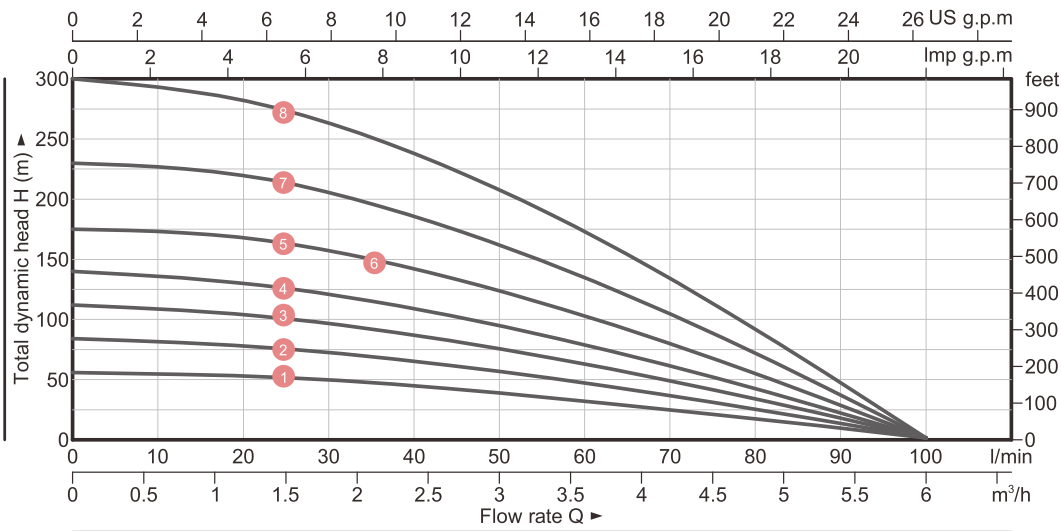
APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use



4SDC-A/D

4"

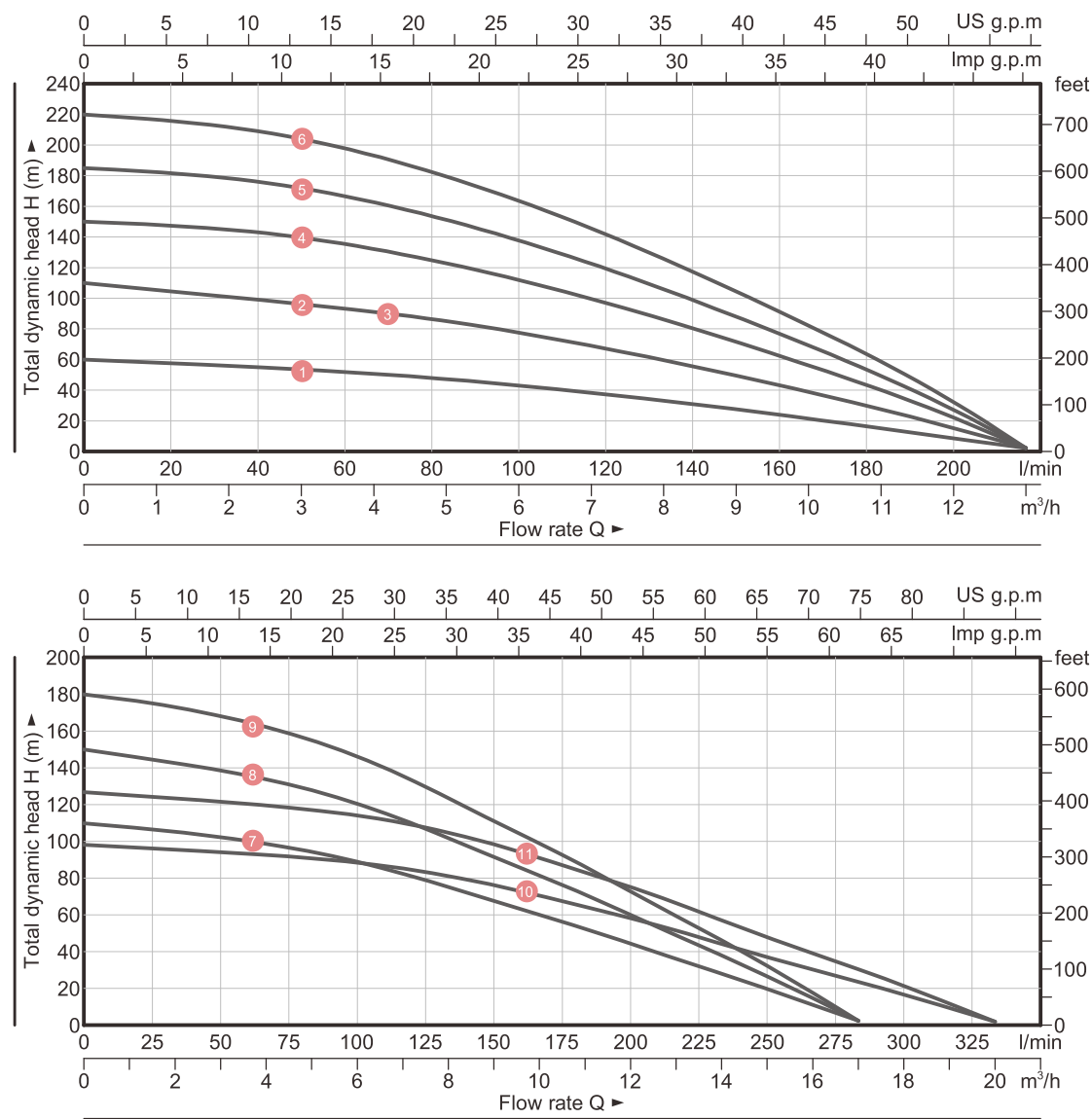


TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
① 4SDC6-56-220-750-A/D	180V-240V	300V-400V	750W	6m³ /h	56m	1.25" /1.5"	2m	<450V	≥1800W
② 4SDC6-84-220-1100-A/D	180V-240V	300V-400V	1100W	6m³ /h	84m	1.25" /1.5"	2m	<450V	≥1800W
③ 4SDC6-112-220-1300-A/D	180V-240V	300V-400V	1300W	6m³ /h	112m	1.25" /1.5"	2m	<450V	≥1800W
④ 4SDC6-140-220-1500-A/D	180V-240V	300V-400V	1500W	6m³ /h	140m	1.25" /1.5"	2m	<450V	≥2000W
⑤ 4SDC6-175-220-2200-A/D	180V-240V	300V-400V	2200W	6m³ /h	175m	1.25" /1.5"	2m	<450V	≥3000W
⑥ 4SDC6-175-380-2200-A/D	350V-460V	480V-750V	2200W	6m³ /h	175m	1.25" /1.5"	2m	<800V	≥3000W
⑦ 4SDC6-230-380-3000-A/D	350V-460V	480V-750V	3000W	6m³ /h	230m	1.25" /1.5"	2m	<800V	≥4000W
⑧ 4SDC6-300-380-4000-A/D	350V-460V	480V-750V	4000W	6m³ /h	300m	1.25" /1.5"	2m	<800V	≥5000W
⑨ 4SDC9.5-85-220-1500-A/D	180V-240V	300V-400V	1500W	9.5m³ /h	85m	1.5" /2"	2m	<450V	≥2000W
⑩ 4SDC9.5-125-220-2200-A/D	180V-240V	300V-400V	2200W	9.5m³ /h	125m	1.5" /2"	2m	<450V	≥3000W
⑪ 4SDC9.5-125-380-2200-A/D	350V-460V	480V-750V	2200W	9.5m³ /h	125m	1.5" /2"	2m	<800V	≥3000W
⑫ 4SDC9.5-195-380-3000-A/D	350V-460V	480V-750V	3000W	9.5m³ /h	195m	1.5" /2"	2m	<800V	≥4000W
⑬ 4SDC9.5-250-380-4000-A/D	350V-460V	480V-750V	4000W	9.5m³ /h	250m	1.5" /2"	2m	<800V	≥5000W

4SDC-A/D

4"



TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
① 4SDC13-60-220-1500-A/D	180V-240V	300V-400V	1500W	13m³ /h	60m	2"	2m	<450V	≥2000W
② 4SDC13-110-220-2200-A/D	180V-240V	300V-400V	2200W	13m³ /h	110m	2"	2m	<450V	≥3000W
③ 4SDC13-110-380-2200-A/D	350V-460V	480V-750V	2200W	13m³ /h	110m	2"	2m	<800V	≥3000W
④ 4SDC13-150-380-3000-A/D	350V-460V	480V-750V	3000W	13m³ /h	150m	2"	2m	<800V	≥4000W
⑤ 4SDC13-185-380-4000-A/D	350V-460V	480V-750V	4000W	13m³ /h	185m	2"	2m	<800V	≥5000W
⑥ 4SDC13-220-380-5500-A/D	350V-460V	480V-750V	5500W	13m³ /h	220m	2"	2m	<800V	≥6000W
⑦ 4SDC17-112-380-3000-A/D	350V-460V	480V-750V	3000W	17m³ /h	112m	2"	2m	<800V	≥4000W
⑧ 4SDC17-150-380-4000-A/D	350V-460V	480V-750V	4000W	17m³ /h	150m	2"	2m	<800V	≥5000W
⑨ 4SDC17-180-380-5500-A/D	350V-460V	480V-750V	5500W	17m³ /h	180m	2"	2m	<800V	≥6000W
⑩ 4SDC20-98-380-4000-A/D	350V-460V	480V-750V	4000W	20m³ /h	98m	2"	2m	<800V	≥5000W
⑪ 4SDC20-125-380-5500-A/D	350V-460V	480V-750V	5500W	20m³ /h	125m	2"	2m	<800V	≥6000W

4SPC-A/D

Brushless Solar Pump

- ADVANTAGE FOR SOLAR WATER PUMP**
- 1.With high efficiency permanent magnetic motor,efficiency improved 15%-30%
 - 2.Environmental protection, clean energy, can be powered by both solar panel and battery
 - 3.Over-load protection, under-load protection, lock-rotor protection, thermal protection
 - 4.With MPPT function
 - 5.Much longer life than the normal AC water pump.

APPLICATION FIELD
These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use

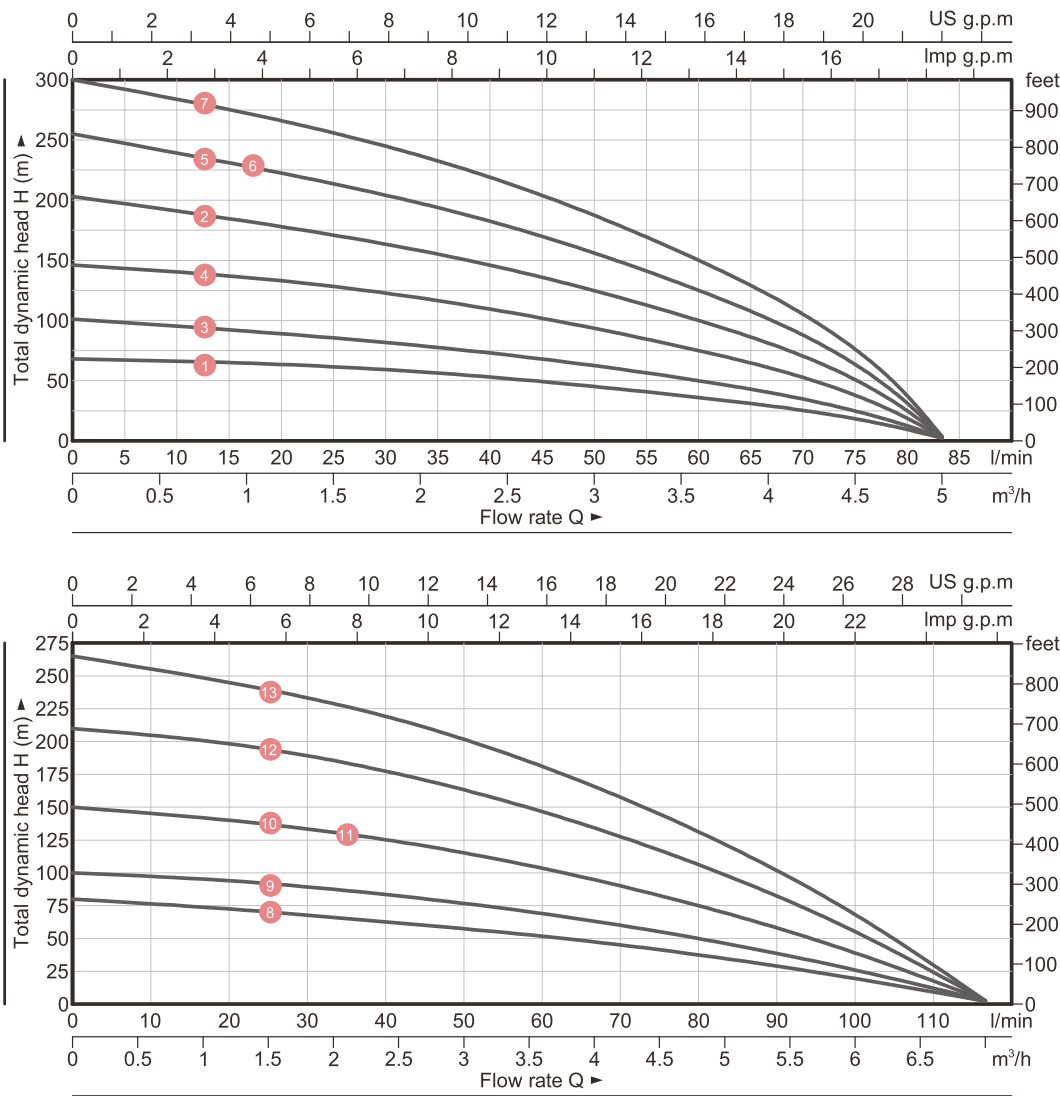
4 SPC 5-67-220-750-A/D

- AC / DC
- Power(W)
- AC Voltage(220V is single phase,380V is three phase)
- Max head(meters)
- Max flow(m³/h)
- Pump name
- Well diameter: ∅4"



4SPC-A/D

4"

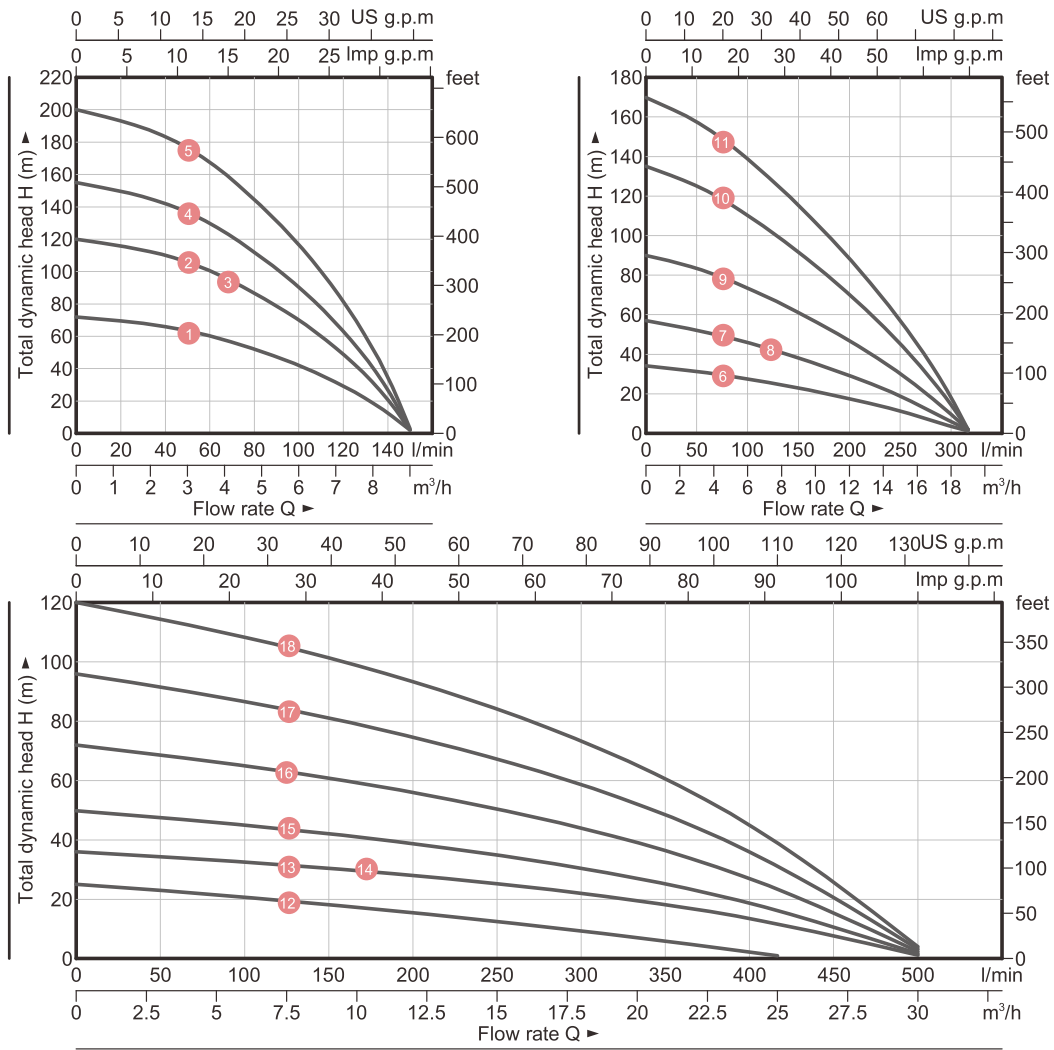


TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 4SPC5-67-220-750-A/D	180V-240V	300V-400V	750W	5m³ /h	67m	1.25"	2m	< 450V	≥1800W
2 4SPC5-203-220-1500-A/D	180V-240V	300V-400V	1500W	5m³ /h	203m	1.25"	2m	< 450V	≥2000W
3 4SPC5-101-220-1100-A/D	180V-240V	300V-400V	1100W	5m³ /h	101m	1.25"	2m	< 450V	≥1500W
4 4SPC5-146-220-1300-A/D	180V-240V	300V-400V	1300W	5m³ /h	146m	1.25"	2m	< 450V	≥1800W
5 4SPC5-255-220-2200-A/D	180V-240V	300V-400V	2200W	5m³ /h	255m	1.25"	2m	< 450V	≥3000W
6 4SPC5-255-380-2200-A/D	350V-460V	480V-750V	2200W	5m³ /h	255m	1.25"	2m	< 800V	≥3000W
7 4SPC5-300-380-3000-A/D	350V-460V	480V-750V	3000W	5m³ /h	300m	1.25"	2m	< 800V	≥4000W
8 4SPC7-80-220-1300-A/D	180V-240V	300V-400V	1300W	7m³ /h	80m	1.25"	2m	< 450V	≥1800W
9 4SPC7-100-220-1500-A/D	180V-240V	300V-400V	1500W	7m³ /h	100m	1.25"	2m	< 450V	≥2000W
10 4SPC7-150-220-2200-A/D	180V-240V	300V-400V	2200W	7m³ /h	150m	1.25"	2m	< 450V	≥3000W
11 4SPC7-150-380-2200-A/D	350V-460V	480V-750V	2200W	7m³ /h	150m	1.25"	2m	< 800V	≥3000W
12 4SPC7-210-380-3000-A/D	350V-460V	480V-750V	3000W	7m³ /h	210m	1.25"	2m	< 800V	≥4000W
13 4SPC7-265-380-4000-A/D	350V-460V	480V-750V	4000W	7m³ /h	265m	1.25"	2m	< 800V	≥5000W

4SPC-A/D

4"



TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 4SPC9-72-220-1500-A/D	180V-240V	300V-400V	1500W	9m³ /h	72m	2"	2m	< 450V	≥2000W
2 4SPC9-120-220-2200-A/D	180V-240V	300V-400V	2200W	9m³ /h	120m	2"	2m	< 450V	≥3000W
3 4SPC9-120-380-2200-A/D	350V-460V	480V-750V	2200W	9m³ /h	120m	2"	2m	< 800V	≥3000W
4 4SPC9-155-380-3000-A/D	350V-460V	480V-750V	3000W	9m³ /h	155m	2"	2m	< 800V	≥4000W
5 4SPC9-200-380-4000-A/D	350V-460V	480V-750V	4000W	9m³ /h	200m	2"	2m	< 800V	≥5000W
6 4SPC19-34-220-1500-A/D	180V-240V	300V-400V	1500W	19m³ /h	34m	2"	2m	< 450V	≥2000W
7 4SPC19-57-220-2200-A/D	180V-240V	300V-400V	2200W	19m³ /h	57m	2"	2m	< 450V	≥3000W
8 4SPC19-57-380-2200-A/D	350V-460V	480V-750V	2200W	19m³ /h	57m	2"	2m	< 800V	≥3000W
9 4SPC19-90-380-3000-A/D	350V-460V	480V-750V	3000W	19m³ /h	90m	2"	2m	< 800V	≥4000W
10 4SPC19-135-380-4000-A/D	350V-460V	480V-750V	4000W	19m³ /h	135m	2"	2m	< 800V	≥5000W
11 4SPC19-170-380-5500-A/D	350V-460V	480V-750V	5500W	19m³ /h	170m	2"	2m	< 800V	≥6000W
12 4SPC25-25-220-1500-A/D	180V-240V	300V-400V	1500W	25m³ /h	25m	2"	2m	< 450V	≥2000W
13 4SPC30-36-220-2200-A/D	180V-240V	300V-400V	2200W	30m³ /h	36m	2"	2m	< 450V	≥3000W
14 4SPC30-36-380-2200-A/D	350V-460V	480V-750V	2200W	30m³ /h	36m	2"	2m	< 800V	≥3000W
15 4SPC30-50-380-3000-A/D	350V-460V	480V-750V	3000W	30m³ /h	50m	2"	2m	< 800V	≥4000W
16 4SPC30-72-380-4000-A/D	350V-460V	480V-750V	4000W	30m³ /h	72m	2"	2m	< 800V	≥5000W
17 4SPC30-96-380-5500-A/D	350V-460V	480V-750V	5500W	30m³ /h	96m	2"	2m	< 800V	≥6000W
18 4SPC30-120-380-7500-A/D	350V-460V	480V-750V	7500W	30m³ /h	120m	2"	2m	< 800V	≥8500W

4/6"

4/6SPC-A/D

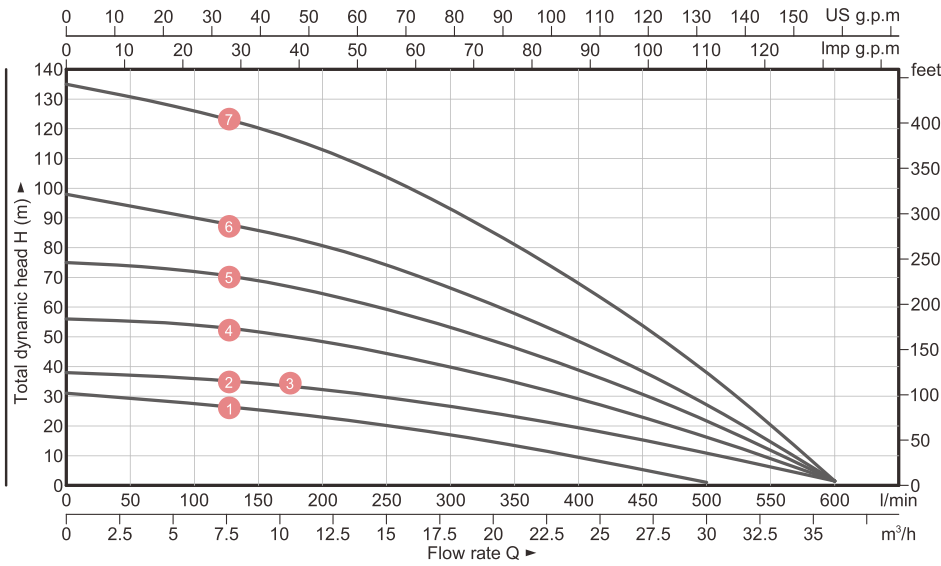
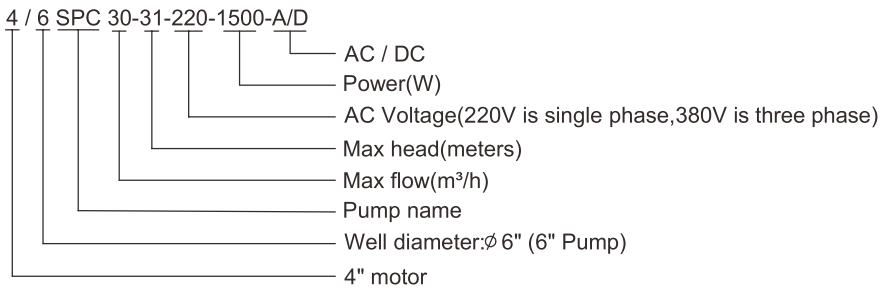
Brushless Solar Pump

ADVANTAGE FOR SOLAR WATER PUMP

- 1. With high efficiency permanent magnetic motor,efficiency improved 15%-30%
- 2. Environmental protection, clean energy, can be powered by both solar panel and battery
- 3.Over-load protection, under-load protection,lock-rotor protection, thermal protection
- 4.With MPPT function
- 5.Much longer life than the normal AC water pump.

APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use



TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
① 4/6SPC30-31-220-1500-A/D	180V-240V	300V-400V	1500W	30m³ /h	31m	3"	2m	< 450V	≥2000W
② 4/6SPC36-38-220-2200-A/D	180V-240V	300V-400V	2200W	36m³ /h	38m	3"	2m	< 450V	≥3000W
③ 4/6SPC36-38-380-2200-A/D	350V-460V	480V-750V	2200W	36m³ /h	38m	3"	2m	< 800V	≥3000W
④ 4/6SPC36-56-380-3000-A/D	350V-460V	480V-750V	3000W	36m³ /h	56m	3"	2m	< 800V	≥4000W
⑤ 4/6SPC36-75-380-4000-A/D	350V-460V	480V-750V	4000W	36m³ /h	75m	3"	2m	< 800V	≥5000W
⑥ 4/6SPC36-98-380-5500-A/D	350V-460V	480V-750V	5500W	36m³ /h	98m	3"	2m	< 800V	≥6000W
⑦ 4/6SPC36-135-380-7500-A/D	350V-460V	480V-750V	7500W	36m³ /h	135m	3"	2m	< 800V	≥8500W

6"

6SPC-A/D

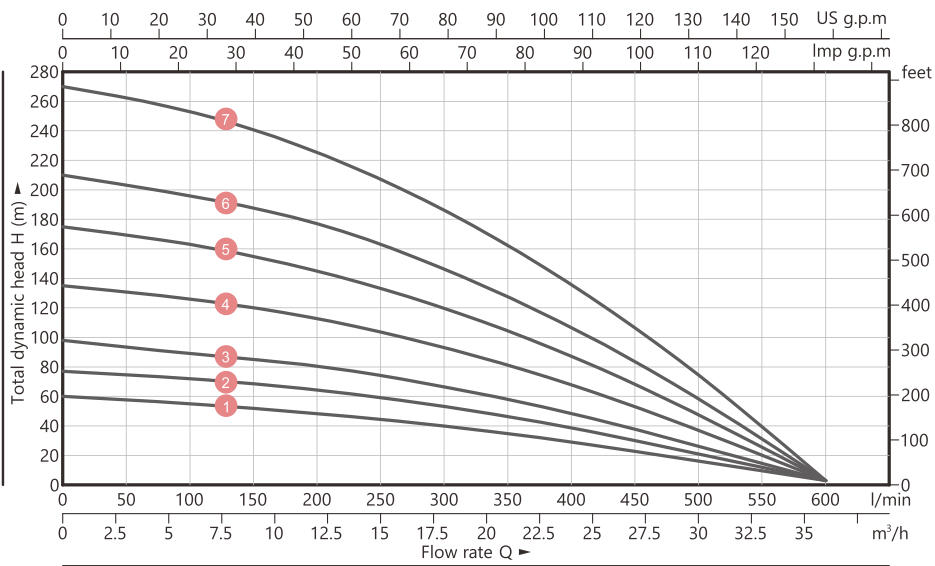
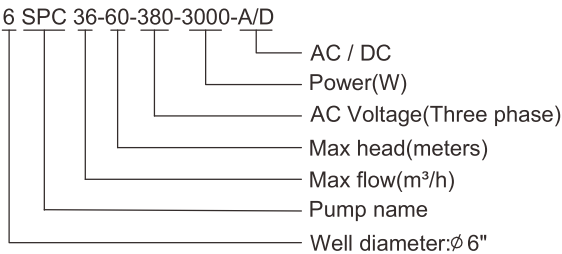
Brushless Solar Pump

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APPLICATION FIELD

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use

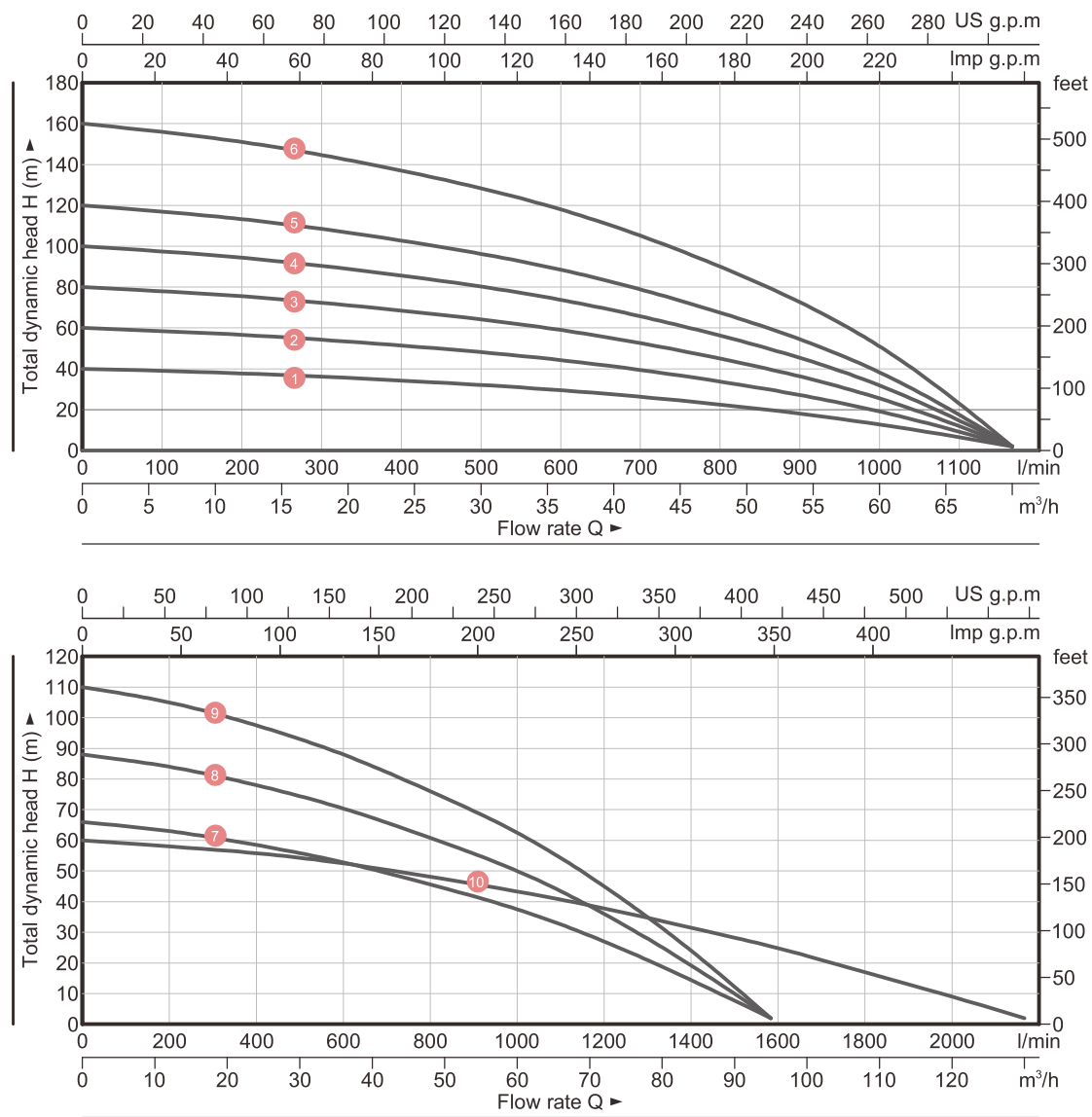


TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
① 6SPC36-60-380-3000-A/D	350V-460V	480V-750V	3000W	36m³ /h	60m	3"	2m	< 800V	≥4000W
② 6SPC36-77-380-4000-A/D	350V-460V	480V-750V	4000W	36m³ /h	77m	3"	2m	< 800V	≥5000W
③ 6SPC36-98-380-5500-A/D	350V-460V	480V-750V	5500W	36m³ /h	98m	3"	2m	< 800V	≥6000W
④ 6SPC36-135-380-7500-A/D	350V-460V	480V-750V	7500W	36m³ /h	135m	3"	2m	< 800V	≥8500W
⑤ 6SPC36-175-380-9200-A/D	350V-460V	480V-750V	9200W	36m³ /h	175m	3"	2m	< 800V	≥10000W
⑥ 6SPC36-210-380-11000-A/D	350V-460V	480V-750V	11000W	36m³ /h	210m	3"	2m	< 800V	≥15000W
⑦ 6SPC36-270-380-15000-A/D	350V-460V	480V-750V	15000W	36m³ /h	270m	3"	2m	< 800V	≥20000W

6SPC-A/D

6"

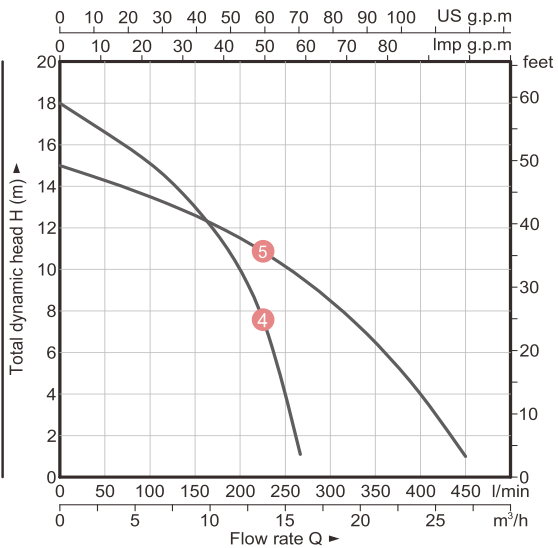
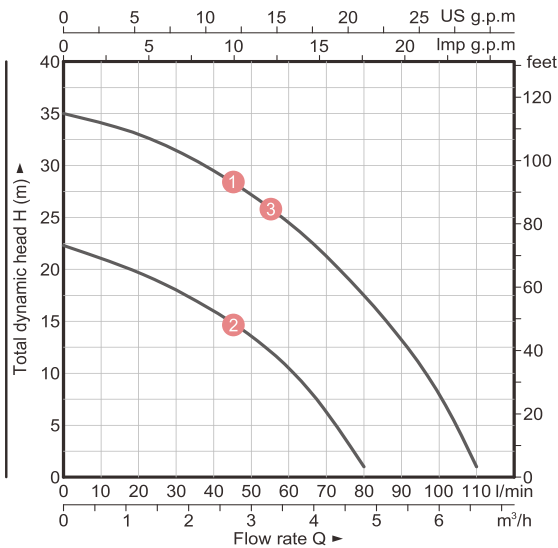


TECHNICAL DATA

MODEL	AC Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
1 6SPC70-40-380-4000-A/D	350V-460V	480V-750V	4000W	70m³ /h	40m	4"	2m	<800V	≥5000W
2 6SPC70-60-380-5500-A/D	350V-460V	480V-750V	5500W	70m³ /h	60m	4"	2m	<800V	≥6000W
3 6SPC70-80-380-7500-A/D	350V-460V	480V-750V	7500W	70m³ /h	80m	4"	2m	<800V	≥8500W
4 6SPC70-100-380-9200-A/D	350V-460V	480V-750V	9200W	70m³ /h	100m	4"	2m	<800V	≥10000W
5 6SPC70-120-380-11000-A/D	350V-460V	480V-750V	11000W	70m³ /h	120m	4"	2m	<800V	≥15000W
6 6SPC70-160-380-15000-A/D	350V-460V	480V-750V	15000W	70m³ /h	160m	4"	2m	<800V	≥20000W
7 6SPC95-66-380-7500-A/D	350V-460V	480V-750V	7500W	95m³ /h	66m	4"	2m	<800V	≥8500W
8 6SPC95-88-380-11000-A/D	350V-460V	480V-750V	11000W	95m³ /h	88m	4"	2m	<800V	≥15000W
9 6SPC95-110-380-15000-A/D	350V-460V	480V-750V	15000W	95m³ /h	110m	4"	2m	<800V	≥20000W
10 6SPC130-60-380-15000-A/D	350V-460V	480V-750V	15000W	130m³ /h	60m	4"	2m	<800V	≥20000W

SCPM

Brushless Solar Pump



SCPM 6.6/35-D 72/750 P

- Stainless Steel body
- Power(W)
- Voltage
- DC
- Max head(meters)
- Max flow(m³/h)
- Solar Centrifugal Pump

MATERIAL OF PARTS	
Outlet:	Cast Iron
Pump body:	Cast Iron
Impeller:	Brass
Motor Body:	Die-cast Aluminum
Bearing:	C&U/NSK
Screw:	Stainless Steel
Motor:	Brushless DC motor
Controller shell:	Die-cast Aluminum (IP65)

TECHNICAL DATA

MODEL	Pump		Solar panel		Max.Flow	Max.Head	Outlet Dia. (inch)
	Voltage	Power	Voltage range	Power			
1 SCPM6.6/35-D48/750P	48V	750W	42V-100V	1000W-1250W	6.6m³ /h	35m	1.25×1
2 SCPM4.8/22-D48/370	48V	370W	42V-100V	500W-600W	4.8m³ /h	22m	1×1
3 SCPM6.6/35-D48/750	48V	750W	42V-100V	1000W-1200W	6.6m³ /h	35m	1×1
4 SCPM16/18-D48/750	48V	750W	42V-100V	1000W-1200W	16m³ /h	18m	1.5×1.5
5 SCPM27/15-D72/1100	72V	1100W	63V-150V	1500W-2000W	27m³ /h	15m	2×2



SQB

Brushless Solar Pump



SQB 2/25-D 24/210

Power(W)
Voltage
DC
Max head(meters)
Max flow(m³/h)
Solar Vortex Pump

MATERIAL OF PARTS	
Outlet:	Cast Iron
Pump body:	Cast Iron
Impeller:	Brass
Motor Body:	Die-cast Aluminum
Bearing:	C&U/NSK
Screw:	Stainless Steel
Motor:	Brushless DC motor
Controller shell:	Die-cast Aluminum (IP65)

TECHNICAL DATA

MODEL	Pump		Solar panel		Max.Flow	Max.Head	Outlet Dia. (inch)
	Voltage	Power	Voltage range	Power			
1 SQB2/25-D24/210	24V	210W	21V-50V	280W-380W	2m³ /h	25m	1×1
2 SQB2.2/35-D24/280	24V	280W	21V-50V	280W-380W	2.2m³ /h	35m	1×1
3 SQB3/50-D48/550	48V	550W	42V-100V	720W-900W	3m³ /h	50m	1×1
4 SQB3/50-D72/550	72V	550W	63V-150V	720W-900W	3m³ /h	50m	1×1
5 SQB3/60-D72/750	72V	750W	63V-150V	1000W-1250W	3m³ /h	60m	1×1

SJET/JTCPJW/JTCHM

Brushless Solar Pump



SJET 2.5/35-D 48/370

Power(W)
Voltage
DC
Max head(meters)
Max flow(m³/h)
Solar JET Pump

MATERIAL OF PARTS	
Outlet:	Stainless Steel
Pump body:	Stainless Steel
Impeller:	Plastic
Motor Body:	Die-cast Aluminum
Bearing:	C&U/NSK
Screw:	Stainless Steel
Motor:	Brushless DC motor
Controller shell:	Die-cast Aluminum (IP65)

TECHNICAL DATA

MODEL	Pump		Solar panel		Max.Flow	Max.Head	Outlet Dia. (inch)
	Voltage	Power	Voltage range	Power			
SJET2.5/35-D48/370	48V	370W	42V-100V	500W-600W	2.5m³ /h	35m	1×1
SJET2.7/45-D48/550	48V	550W	42V-100V	720W-900W	2.7m³ /h	45m	1×1
SJET2.7/45-D72/550	72V	550W	63V-150V	720W-900W	2.7m³ /h	45m	1×1
SJET3/55-D48/750	48V	750W	42V-100V	1000W-1250W	3m³ /h	55m	1×1
SJET3/55-D72/750	72V	750W	63V-150V	1000W-1250W	3m³ /h	55m	1×1

MODEL	Impeller	Solar array voltage	Solar array power	Max.Flow	Max.Head	Max.Suct	Inlet/Outlet (inch)	Outer Diameter	GW
JTCPJW5/38-D48/500	Plastic	72V	660W	5m³/h	38m	8	1"×1"	390*210*300mm	14
JTCPJW5/83-D48/750	Plastic	72V	960W	5m³/h	83m	8	1"×1"	440*210*300mm	15.5
JTCPJW8.0/70-D72/1000	Plastic	108V	1350W	8m³/h	70m	8	1.25"×1"	460*210*300mm	16.5
JTCPJW12/48-D72/1000	Plastic	108V	1350W	12m³/h	48m	8	1.5"×1.5"	460*210*300mm	17
JTCHM5/38-D48/500	Plastic	72V	660W	5m³/h	38m	8	1"×1"	390*210*300mm	14
JTCHM5/83-D48/750	Plastic	72V	960W	5m³/h	83m	8	1"×1"	440*200*300mm	15.5
JTCHM8.0/70-D72/1000	Plastic	108V	1350W	8m³/h	70m	8	1.25"×1"	440*200*300mm	16.5
JTCPW5/38-D48/500	Plastic	72V	660W	5m³/h	38m	8	1"×1"	390*210*300mm	15
JTCPW5/83-D48/750	Plastic	72V	960W	5m³/h	83m	8	1"×1"	440*200*300mm	18.5
JTCPW8/70-D72/1000	Plastic	108V	1680W	8m³/h	70m	8	1.25"×1"	440*200*300mm	18.5

SZB

Brushless Solar Pump

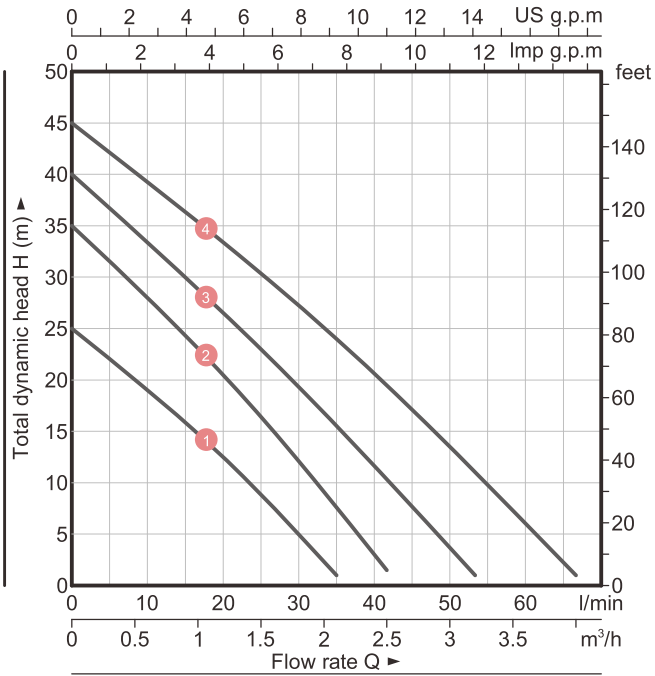


SZB 2.1/25-D 24/180

Power(W)
Voltage
DC
Max head(meters)
Max flow(m³/h)
Solar Self-priming Pump

MATERIAL OF PARTS	
Outlet:	Cast Iron
Pump body:	Cast Iron
Impeller:	Brass
Motor Body:	Die-cast Aluminum
Bearing:	C&U/NSK
Screw:	Stainless Steel
Motor:	Brushless DC motor
Controller shell:	Die-cast Aluminum (IP65)

PERFORMANCE CURVES



TECHNICAL DATA

MODEL	Pump		Solar panel		Max.Flow	Max.Head	Outlet Dia. (inch)
	Voltage	Power	Voltage range	Power			
1 SZB2.1/25-D24/180	24V	180W	21V-50V	250W-300W	2.1m³ /h	25m	1×1
2 SZB2.5/35-D24/300	24V	300W	21V-50V	500W-600W	2.5m³ /h	35m	1×1
3 SZB3.2/40-D48/550	48V	550W	42V-100V	750W-1000W	3.2m³ /h	40m	1×1
4 SZB4/45-D72/750	72V	750W	63V-150V	1000W-1200W	4m³ /h	45m	1×1

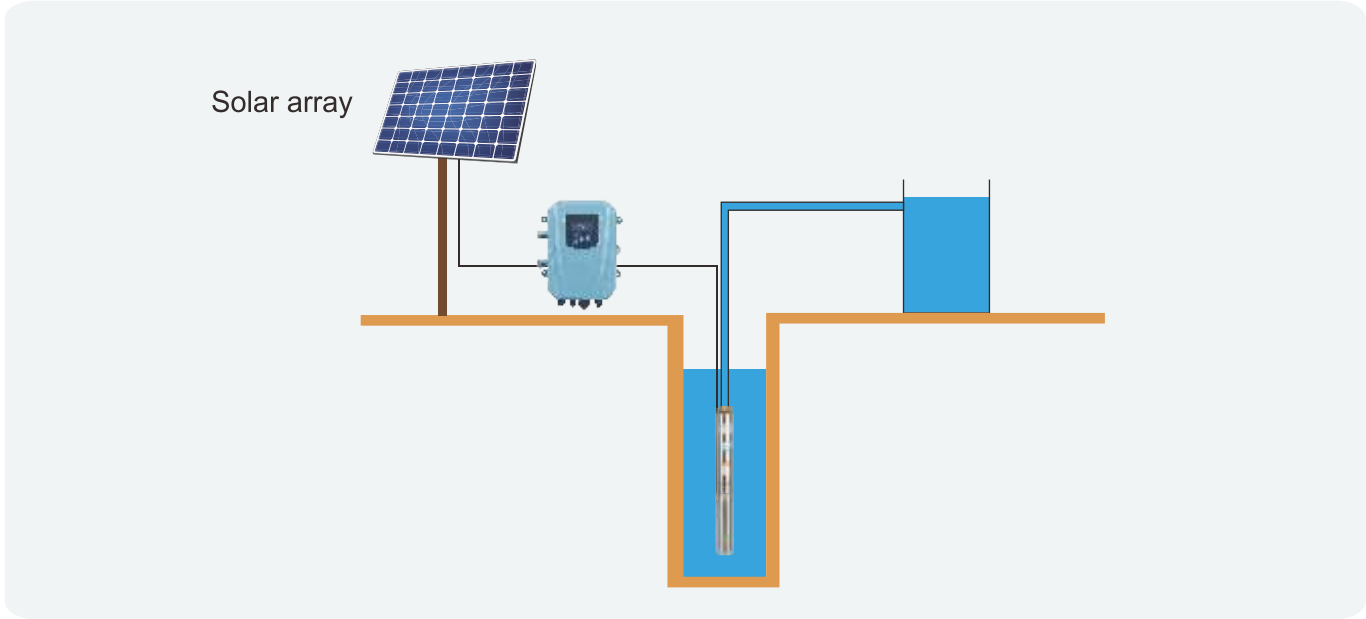
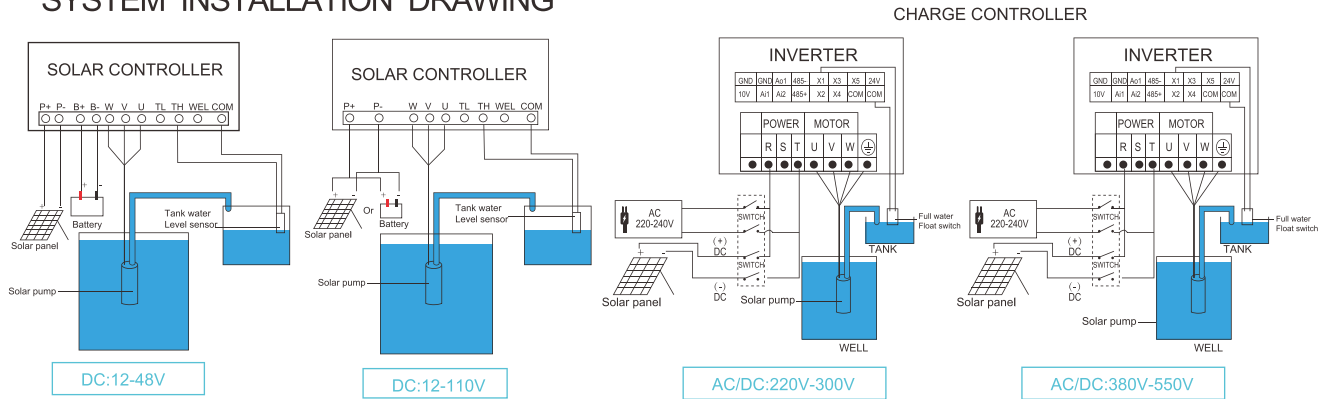
FREE ACCESSORIES



FREE ACCESSORIES



SYSTEM INSTALLATION DRAWING



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

POWER 80W-12V Vol: 18V~50V	 Solar panel: 150W*1PC	 Solar panel: 270W*1PC	 Solar panel: 340W*1PC
POWER 120W-24V 180W-24V 200W-24V 210W-24V 210W-36V Vol: 18V~50V	 Solar panel: 150W*2PC	 Solar panel: 270W*1PC	 Solar panel: 340W*1PC
POWER 280W-24V 300W-24V Vol: 18V~50V	 Solar panel: 270W*2PCS	 Solar panel: 340W*2PCS	
POWER 400W-36V Vol: 18V~45V	 Solar panel: 270W*2PCS	 Solar panel: 340W*2PCS	
POWER 370W-48V 400W-48V Vol: 30V~100V	 Solar panel: 270W*2PCS	 Solar panel: 340W*2PCS	
POWER 500W-48V 550W-48V Vol: 30V~100V	 Solar panel: 270W*4PCS	 Solar panel: 340W*2PCS	
POWER 600W-48V Vol: 30V~100V	 Solar panel: 270W*4PCS	 Solar panel: 340W*4PCS	
POWER 600W-72V Vol: 50V~150V	 Solar panel: 270W*3PCS	 Solar panel: 340W*3PCS	
POWER 750W-48V Vol: 30V~100V	 Solar panel: 270W*4PCS	 Solar panel: 340W*4PCS	
POWER 750W-72V Vol: 50V~150V	 Solar panel: 270W*4PCS	 Solar panel: 340W*3PCS	
POWER 900W-72V Vol: 50V~150V	 Solar panel: 270W*4PCS	 Solar panel: 340W*3PCS	
POWER 1100W-72V 1200W-72V Vol: 50V~150V	 Solar panel: 270W*6PCS	 Solar panel: 340W*6PCS	
POWER 1100W-110V Vol: 60V~200V	 Solar panel: 270W*6PCS	 Solar panel: 340W*6PCS	
POWER 1200W-110V 1300W-110V Vol: 60V~200V	 Solar panel: 270W*8PCS	 Solar panel: 340W*6PCS	
POWER 1500W-110V Vol: 60V~200V	 Solar panel: 270W*8PCS	 Solar panel: 340W*8PCS	

Solar panel recommendation for 220V-380V AC/DC Solar pump

POWER 750W-220V AC Vol: 110V~240V DC Vol: 80V~400V	 Solar panel: 270W* (3~7) PCS Solar panel: 340W* (3~6) PCS
POWER 1100W-220V 1200W-220V AC Vol: 110V~240V DC Vol: 80V~400V	 Solar panel: 270W* (6~8) PCS Solar panel: 340W* (5~7) PCS
POWER 1300W-220V 1500W-220V AC Vol: 110V~240V DC Vol: 80V~400V	 Solar panel: 270W* (8~9) PCS Solar panel: 340W* (6~8) PCS

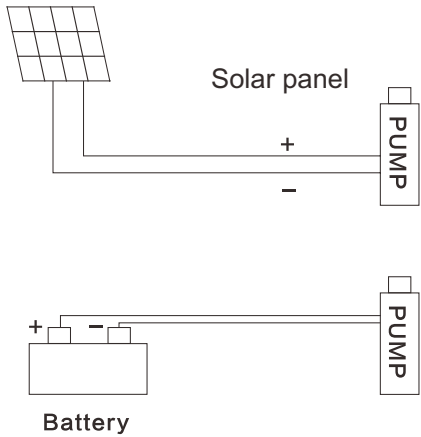
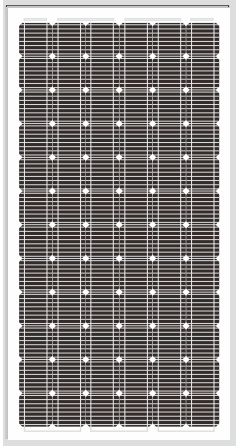
Solar panel recommendation for 220V-380V AC/DC Solar pump

POWER 2200W-220V AC Vol: 110V~240V DC Vol: 80V~400V	 Solar panel: 270W*10PCS Solar panel: 340W*8PCS
POWER 2200W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*13PCS Solar panel: 340W*12PCS
POWER 3000W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*15PCS Solar panel: 340W*12PCS
POWER 4000W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*19PCS Solar panel: 340W*15PCS
POWER 5500W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*26PCS Solar panel: 340W*22PCS
POWER 7500W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*36PCS Solar panel: 340W*30PCS
POWER 9200W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*45PCS Solar panel: 340W*36PCS
POWER 11000W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*54PCS Solar panel: 340W*42PCS
POWER 15000W-380V AC Vol: 380V~440V DC Vol: 350V~800V	 Solar panel: 270W*76PCS Solar panel: 340W*60PCS

3RDPI

3"

2"

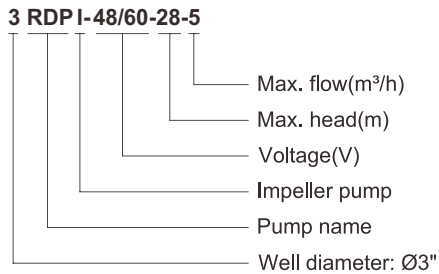


TYPICAL APPLICATIONS

These water pumps are used in irrigation of agriculture, and also widely used for drinking water and living water use.

MATERIAL OF PUMP

- Outlet: Iron
- Pump head: Iron
- Pump body: Stainless steel/Iron
- Impeller: Plastic impeller
- Motor: DC brush motor



TECHNICAL DATA

MODEL	DC Voltage(V)	Max Head(m)	Max Flow(m³/h)	Cable(m)
3RDPI-12-7-3	12	7	3	7
3RDPI-48/60-16-3	48/60	16	3	7
3RDPI-72-16-3	72	16	3	7
3RDPI-12-12-5	12	12	5	13
3RDPI-24-16-5	24	16	5	13
3RDPI-48/60-28-5	48/60	28	5	13
3RDPI-72-26-5	72	26	5	13
3RDPI-48/60-39-5	48/60	39	5	13

2RSS

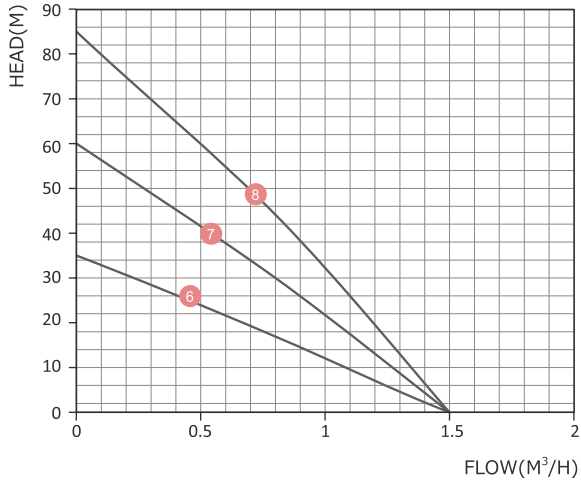
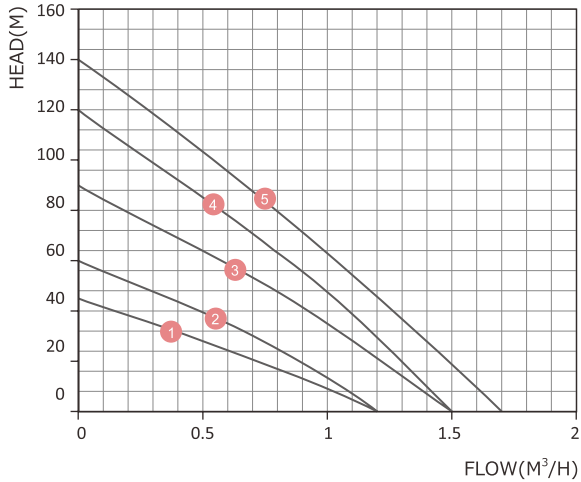
DC Screw/impeller Solar Pump

MATERIAL OF PUMP

- Outlet/connection fitting:brass/stainless steel
- Cylinder:brass/stainless steel
- Pump body:201/304 stainless steel
- Pump cable:2m
- Oil cooling
- DC MPPT function controller
- 2 years warranty



2RSS 2RSC



TECHNICAL DATA

MODEL	DC Voltage	Best Input Voltage Voc	Power	Max. Flow	Max. Head	Outlet
1 2RSS1.2/45-24/180	24V	11V~55V	180W	1.2m³/h	45m	0.75"
2 2RSS1.2/60-24/250	24V	11V~55V	250W	1.2m³/h	60m	0.75"
3 2RSS1.5/90-48/400	48V	45V ~ 150V	400W	1.5m³/h	90m	0.75"
4 2RSS1.5/120-72/600	72V	60V~150V	600W	1.5m³/h	120m	0.75"
5 2RSS1.7/140-96/750	96V	60V~200V	750W	1.7m³/h	140m	0.75"
6 2RSC1.5/35-24/250	24V	11V~55V	250W	1.5m³/h	35m	0.75"
7 2RSC1.5/60-48/400	48V	45V~150V	400W	1.5m³/h	60m	0.75"
8 2RSC1.5/85-72/600	72V	60V~150V	600W	1.5m³/h	85m	0.75"

4SDC

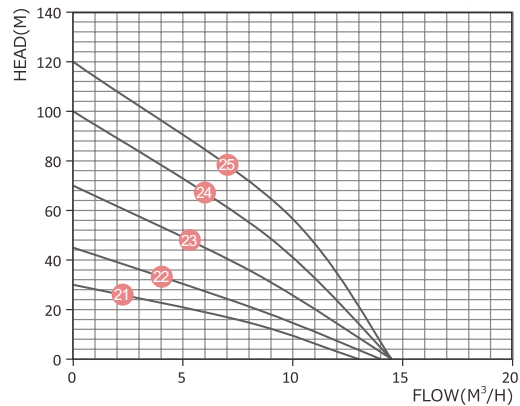
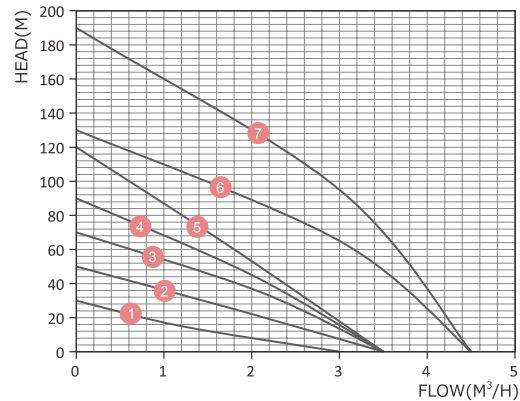
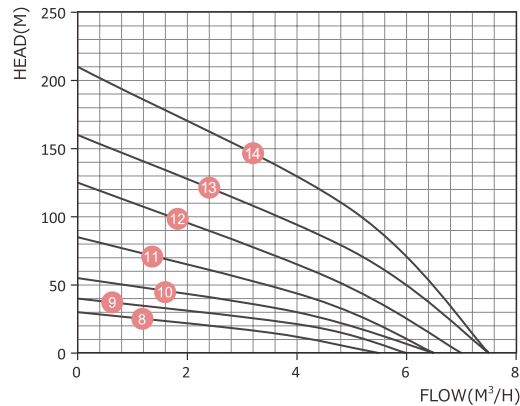
Dc Plastic Impeller Solar Pump

4"



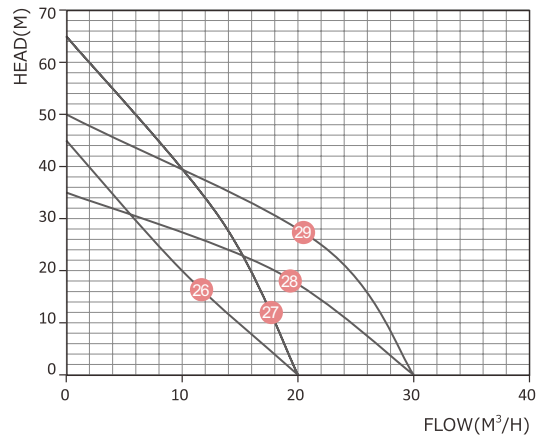
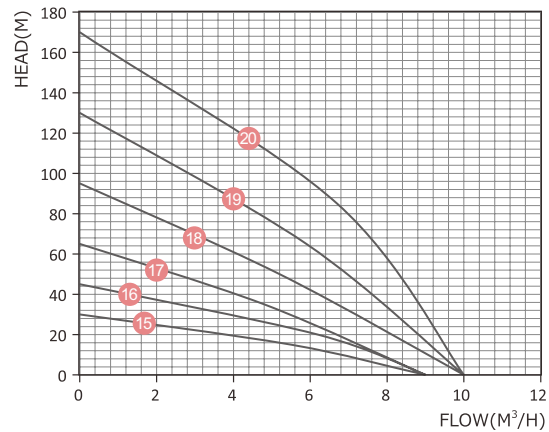
MATERIAL OF PUMP

- Outlet/connection fitting:brass/stainless steel
- Cylinder:brass/stainless steel
- Pump body:201/304 stainless steel
- Impeller:plastic impeller
- Pump cable:2m
- Oil cooling
- DC MPPT function controller
- 2 years warranty



4SDC

4"



TECHNICAL DATA

	MODEL	DC Voltage	Best Input Voltage Voc	Power	Max. Flow	Max. Head	Outlet
1	4SDC3.0/30-24/300	24V	11V~55V	300W	3.0m³/h	30m	1.25"
2	4SDC3.5/50-48/400	48V	45V~150V	400W	3.5m³/h	50m	1.25"
3	4SDC3.5/70-72/600	72V	60V~150V	600W	3.5m³/h	70m	1.25"
4	4SDC3.5/90-96/750	96V	60V~200V	750W	3.5m³/h	90m	1.25"
5	4SDC3.5/120-144/1100	144V	90V~340V	1100W	3.5m³/h	120m	1.25"
6	4SDC4.5/130-192/1500	192V	90V~430V	1500W	4.5m³/h	130m	1.25"
7	4SDC4.5/190-280/2200	280V	100V~490V	2200W	4.5m³/h	190m	1.25"
8	4SDC6.0/30-48/400	48V	45V~150V	400W	6.0m³/h	30m	1.5"
9	4SDC6.0/40-72/600	72V	60V~150V	600W	6.0m³/h	40m	1.5"
10	4SDC6.5/55-96/750	96V	60V~200V	750W	6.5m³/h	55m	1.5"
11	4SDC6.5/85-144/1100	144V	90V~340V	1100W	6.5m³/h	85m	1.5"
12	4SDC7.0/110-192/1500	192V	90V~430V	1500W	7.0m³/h	110m	1.5"
13	4SDC7.5/150-280/2200	280V	100V~490V	2200W	7.5m³/h	150m	1.5"
14	4SDC7.5/210-385/3000	385V	100V~750V	3000W	7.5m³/h	210m	1.5"
15	4SDC9.0/30-72/600	72V	60V~150V	600W	9.0m³/h	30m	2"
16	4SDC9.0/45-96/750	96V	60V~200V	750W	9.0m³/h	45m	2"
17	4SDC9.0/65-144/1100	144V	90V~340V	1100W	9.0m³/h	65m	2"
18	4SDC10.0/95-192/1500	192V	90V~430V	1500W	10.0m³/h	95m	2"
19	4SDC10.0/130-280/2200	280V	100V~490V	2200W	10.0m³/h	130m	2"
20	4SDC10.0/170-385/3000	385V	100V~750V	3000W	10.0m³/h	170m	2"
21	4SDC13.0/30-96/750	96V	60V~200V	750W	13.0m³/h	30m	2"
22	4SDC14.0/45-144/1100	144V	90V~340V	1100W	14.0m³/h	45m	2"
23	4SDC14.5/70-192/1500	192V	90V~430V	1500W	14.5m³/h	70m	2"
24	4SDC14.5/100-280/2200	280V	100V~490V	2200W	14.5m³/h	100m	2"
25	4SDC14.5/120-385/3000	385V	100V~750V	3000W	14.5m³/h	120m	2"
26	4SDC20.0/45-192/1500	192V	90V~430V	1500W	20.0m³/h	45m	2"
27	4SDC20.0/65-280/2200	280V	100V~490V	2200W	20.0m³/h	65m	2"
28	4SDC20.0/75-385/3000	385V	100V~750V	3000W	20.0m³/h	75m	2"
29	4SDC30.0/35-280/2200	280V	100V~490V	2200W	30.0m³/h	35m	2"
30	4SDC30.0/50-385/3000	385V	100V~750V	3000W	30.0m³/h	50m	2"

4/6"

4SPC

DC SS Impeller Solar Pump



4SPC

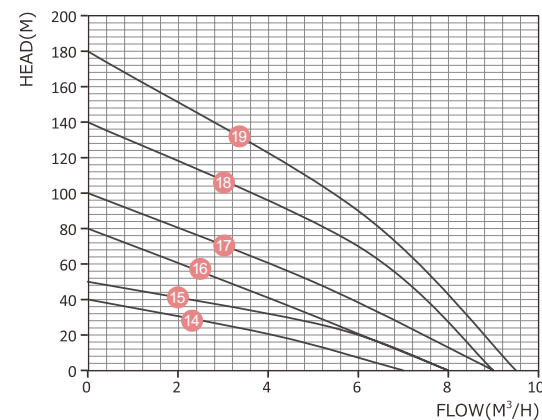
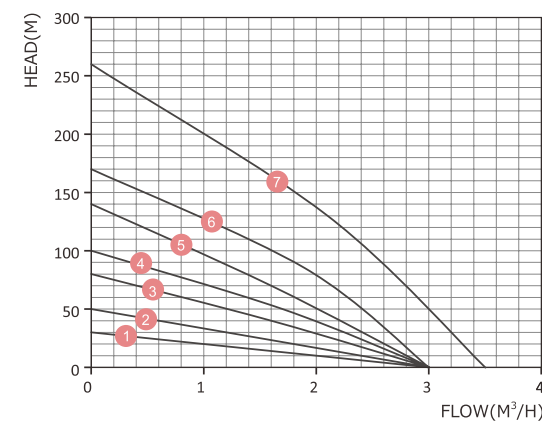
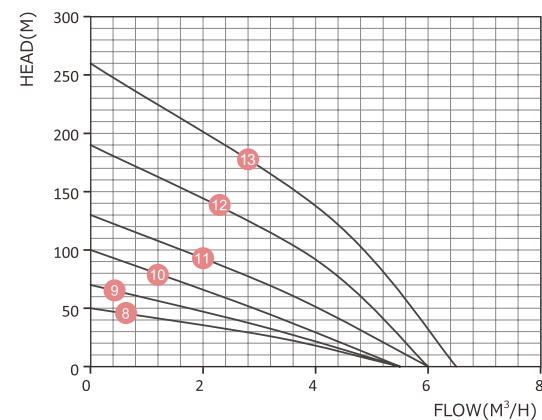


6SPC



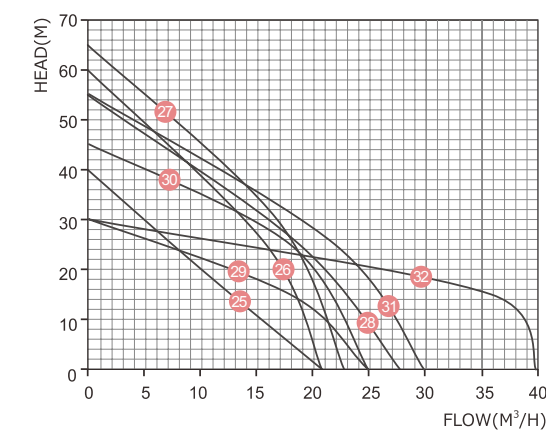
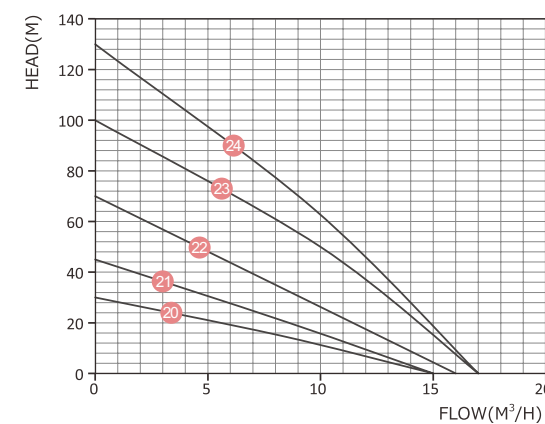
MATERIAL OF PUMP

- Outlet/connection pitting:201/304 stainless steel
- Cylinder:brass/stainless steel
- Pump body:201/304 stainless steel
- Impeller:201/304 stainless steel
- Pump cable:2m
- Oil cooling
- DC MPPT function controller
- 2 years warranty



4SPC

4/6"



TECHNICAL DATA

	MODEL	DC Voltage	Best Input Voltage Voc	Power	Max. Flow	Max. Head	Outlet
1	4SPC3.0/30-24/300	24V	11V~55V	300W	3.0m³/h	30m	1.25"
2	4SPC3.5/50-48/400	48V	45V~150V	400W	3.0m³/h	50m	1.25"
3	4SPC3.5/80-72/600	72V	60V~150V	600W	3.0m³/h	80m	1.25"
4	4SPC3.0/100-96/750	96V	60V~200V	750W	3.0m³/h	100m	1.25"
5	4SPC3.0/140-144/1100	144V	90V~340V	1100W	3.0m³/h	140m	1.25"
6	4SPC3.0/170-192/1500	192V	90V~430V	1500W	3.0m³/h	170m	1.25"
7	4SPC3.5/260-280/2200	280V	100V~490V	2200W	3.5m³/h	260m	1.25"
8	4SPC5.5/50-72/600	72V	60V~150V	600W	5.5m³/h	50m	1.25"
9	4SPC5.5/70-96/750	96V	60V~200V	750W	5.5m³/h	70m	1.25"
10	4SPC5.5/100-144/1100	144V	90V~340V	1100W	5.5m³/h	100m	1.25"
11	4SPC6.0/130-192/1500	192V	90V~430V	1500W	6.0m³/h	130m	1.25"
12	4SPC6.0/190-280/2200	280V	100V~490V	2200W	6.0m³/h	190m	1.25"
13	4SPC6.5/260-385/3000	385V	100V~750V	3000W	6.5m³/h	260m	1.25"
14	4SPC7.0/40-72/600	72V	60V~150V	600W	7.0m³/h	40m	1.5"
15	4SPC8.0/50-96/750	96V	60V~200V	750W	8.0m³/h	50m	1.5"
16	4SPC8.0/80-144/1100	144V	90V~340V	1100W	8.0m³/h	80m	1.5"
17	4SPC9.0/100-192/1500	192V	90V~430V	1500W	9.0m³/h	100m	1.5"
18	4SPC9.0/140-280/2200	280V	100V~490V	2200W	9.0m³/h	140m	1.5"
19	4SPC9.5/180-385/3000	385V	100V~750V	3000W	9.5m³/h	180m	1.5"
20	4SPC15/30-96/750	96V	60V~200V	750W	15.0m³/h	30m	2"
21	4SPC15/45-144/1100	144V	90V~340V	1100W	15.0m³/h	45m	2"
22	4SPC16.0/70-192/1500	190V	90V~430V	1500W	16.0m³/h	70m	2"
23	4SPC17/100-280/2200	280V	100V~490V	2200W	17.0m³/h	100m	2"
24	4SPC17/130-385/3000	385V	100V~750V	3000W	17.0m³/h	130m	2"
25	4SPC21/40-192/1500	190V	90V~430V	1500W	21.0m³/h	40m	2"
26	4SPC21/60-280/2200	280V	100V~490V	2200W	21.0m³/h	60m	2"
27	4SPC23/65-385/3000	385V	100V~750V	3000W	23.0m³/h	65m	2"
28	4SPC28/55-385/3000	385V	100V~750V	3000W	28.0m³/h	55m	2"
29	6SPC25/30-192/1500	192V	90V~430V	1500W	25.0m³/h	30m	3"
30	6SPC25/45-280/2200	280V	100V~490V	2200W	25.0m³/h	45m	3"
31	6SPC30/55-385/3000	385V	100V~750V	3000W	30.0m³/h	55m	3"
32	6SPC40/30-385/3000	385V	100V~750V	3000W	40.0m³/h	30m	3"