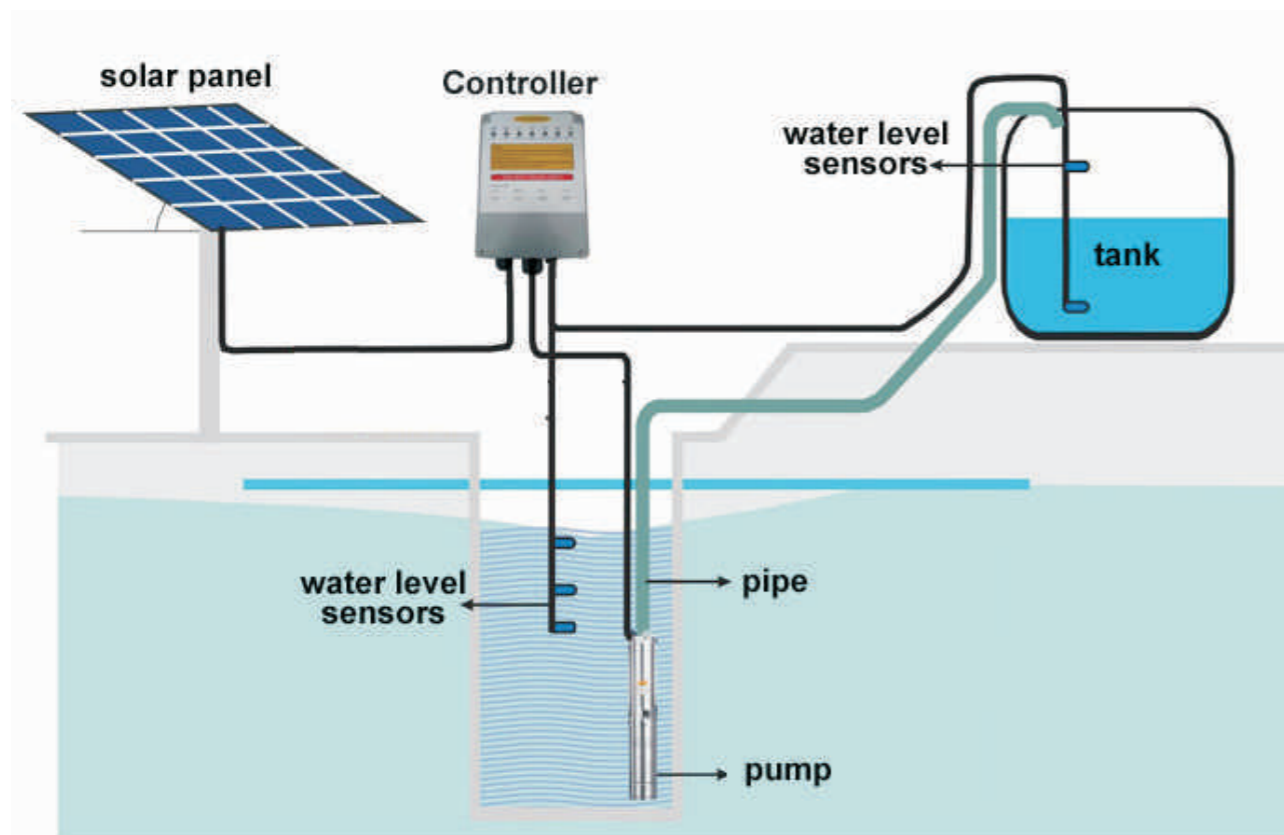


Solar DC Water Pumps





Solar water pump system consists of solar generating systems, photovoltaic water pump controller system and pump. Solar arrays are in series-parallel of solar modules, absorbing solar radiation energy and converting it to electricity to supply power for the entire system. Photovoltaic water pump controller regulates the running system, turning instable DC of solar array into stable DC to drive DC pump, and regulates the output current in accordance with sunlight intensity to achieve maximum power point tracking (MPPT), maximizing the use of solar energy.

Application:

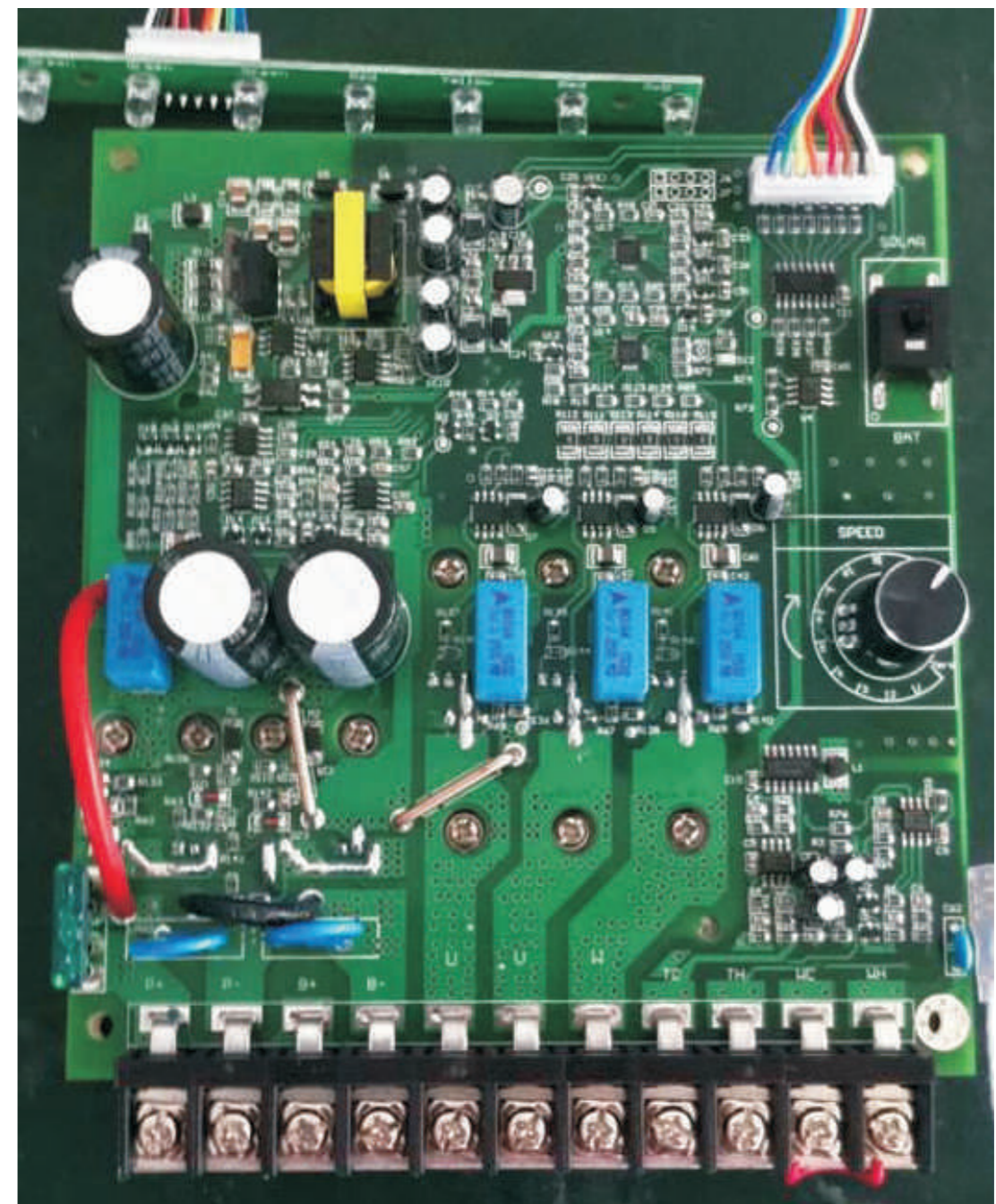
Solar submersible pump, immersed into the water, connects motor with pump directly. It consists of submersible pump, motor, water pipe, cable, protection devices, solar panels and etc. Solar panels convert solar energy into electrical energy, connecting to dedicated low-voltage solar pump. It is convenient, practical and simple. The solar pump pumps automatically in the sun, while it pumps continuously by power device with little sunshine. It is suitable for living water, irrigation, gardening, fountains, pastoral grasslands, the work station, high altitude mountain in remote sunny areas without electricity supply, and rivers, reservoirs canals and other water pumping projects used in mining, farming, agriculture, construction and etc.

Advantage:

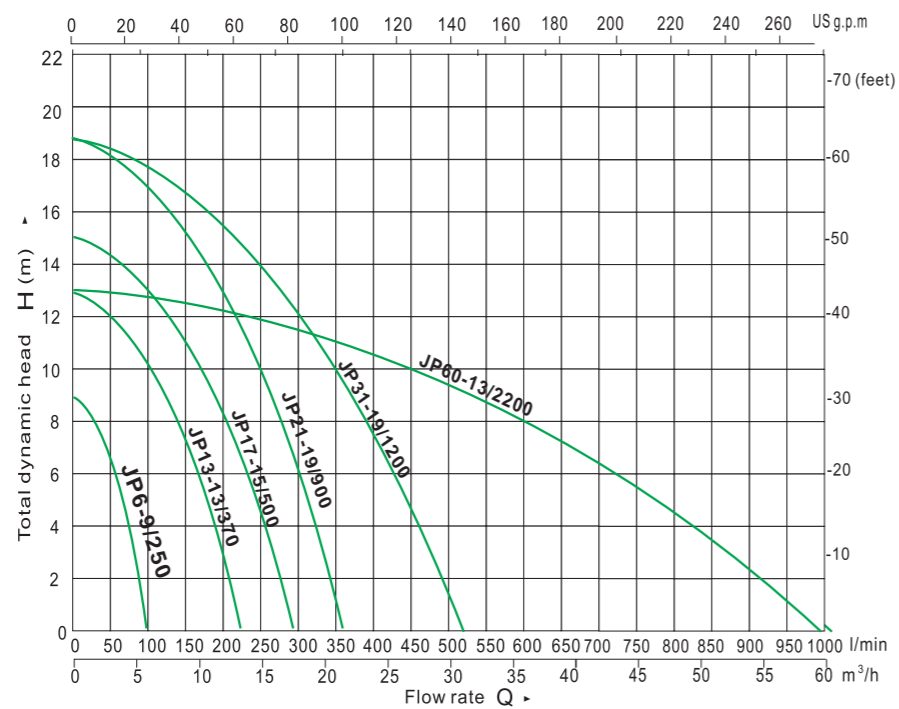
- 1) Permanent Magnet Brushless motor, combined with controller, reaches the max efficiency over 85%, achieves 25% than the traditional AC one.
- 2) High-performance wear-resistant electric pump, introduced from the advanced foreign technology, is equipped with water immersion style stainless steel submersible motor of the current international advanced technology in power part, pollution-free to water, up to 50 meters underwater.
- 3) Adopt stainless steel casing, shaft core, coupling, oil entry base and pump body to avoid rust or corrosion. New polymer materials of high-strength wear-resistant impeller or stainless steel impeller, stainless steel blower inlet casing new floating style structure of impeller avoids axial pressure to motor.

Product Feature:

- 1) Motor control system has complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand; reliable, safe, and
- 2) No special requirements on well pipe, boosting pipe, steel pipe, rubber pipe, plastic pipe can also be used as boosting pipes with pressure permits. Well adaptability for the environment, small, beautiful, simple, convenient, economical, noiseless, pollution-free, powerful, energy-saving, efficient and environmentally friendly
- 3) Ambient temperature: -20-50°C.
- 4) Solar water pump and controller: 3 years warranty.



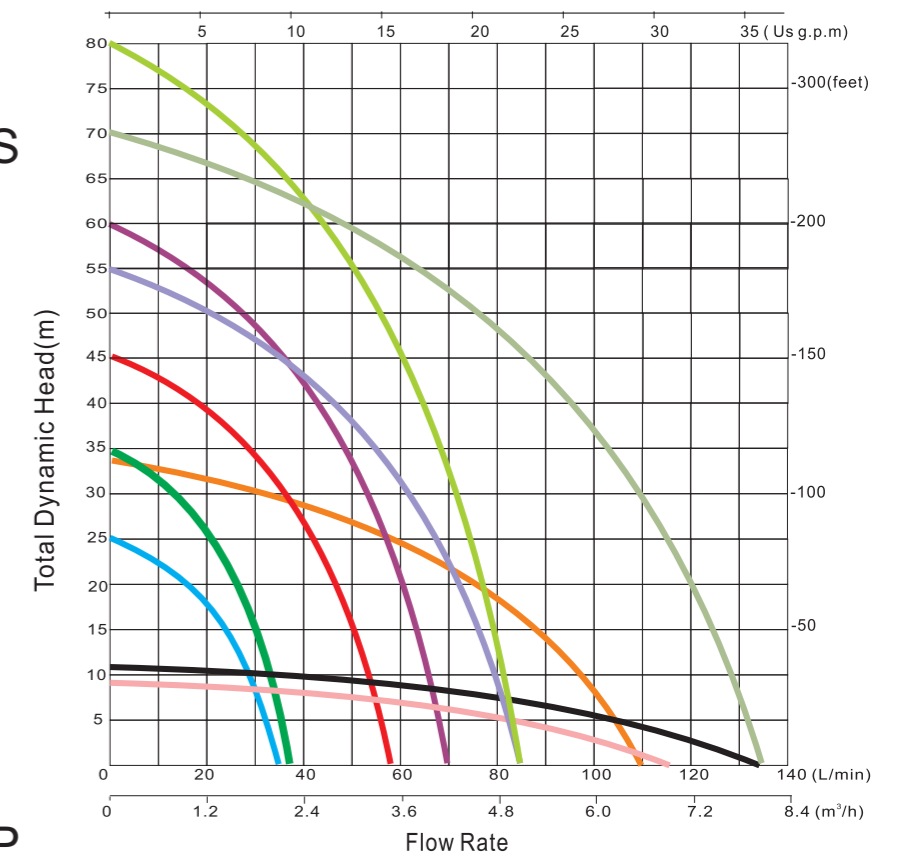
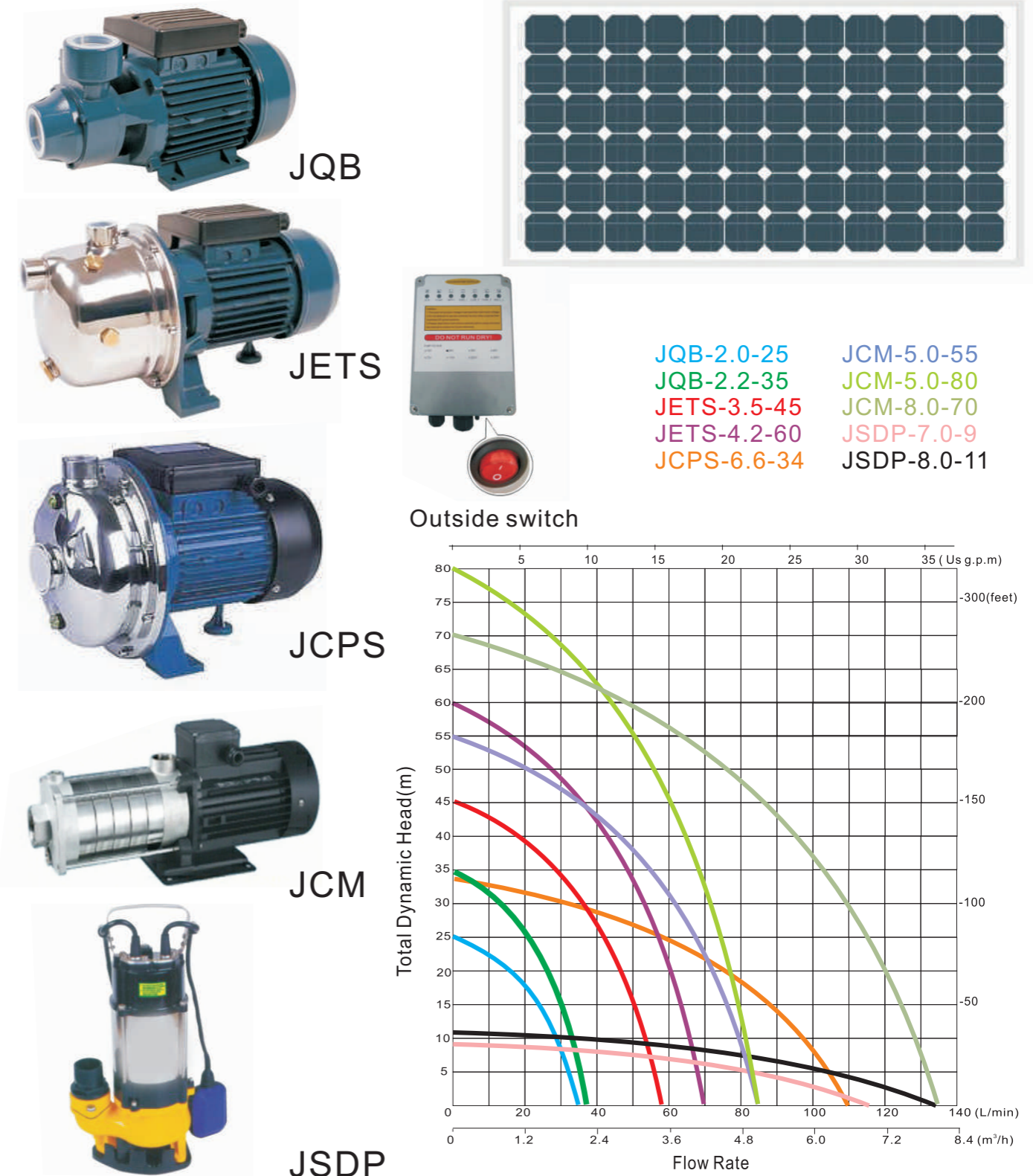
DC SOLAR PUMP



PUMP PERFORMANCE

TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	INLET/ OUTLET (inch)
JP6-9/250	24	250	6	9	1.5
JP13-13/370	48	370	13	13	2
JP17-15/500	48	500	17	15	2
JP21-19/900	72	900	21	19	2
JP31-19/1200	72	1200	31	19	2.5
JP60-13/2200	380	2200	60	13	3

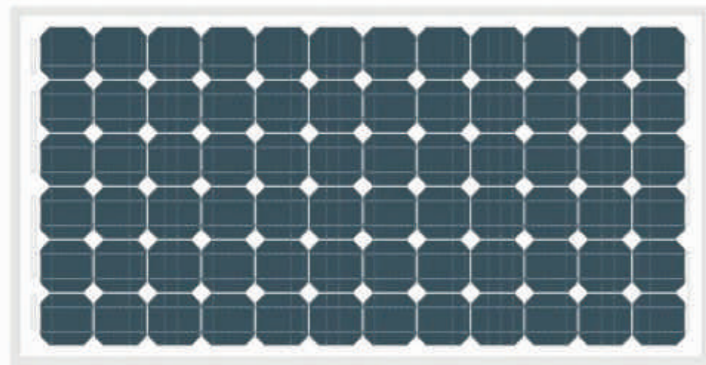
DC SOLAR PUMP



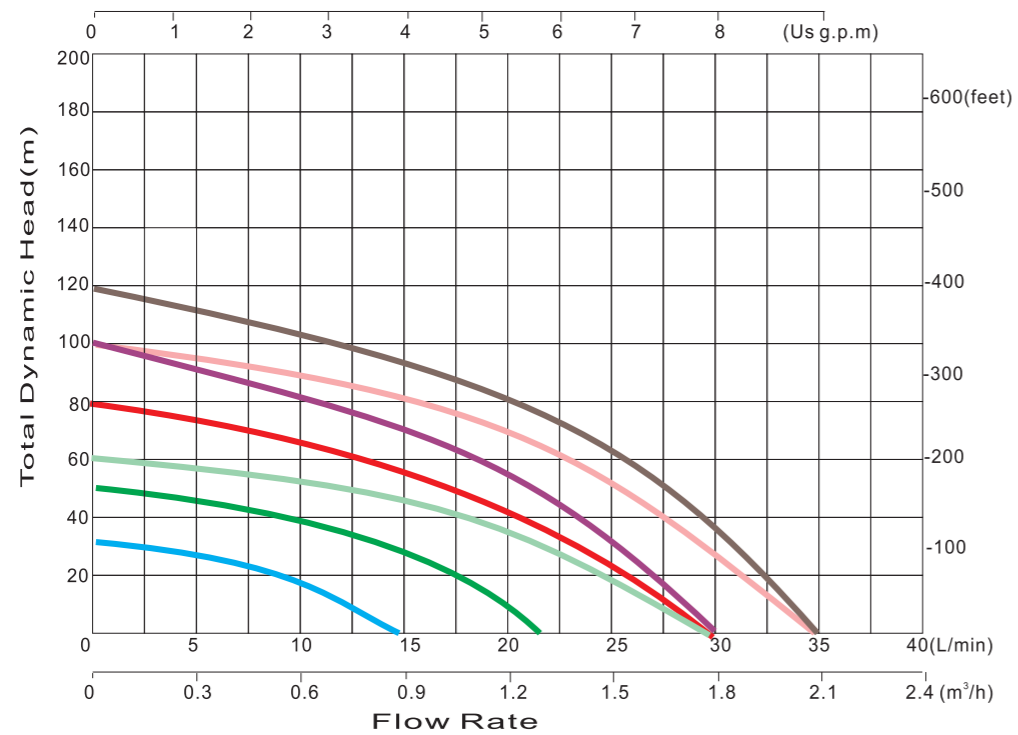
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	SUCT. HEAD (m)	INLET/OUTLET (inch)
JQB-2.0-25	24	120	2.0	25	3	1"X 1"
JQB-2.2-35	36	210	2.2	35	3	1"X 1"
JETS-3.5-45	48	450	3.5	45	3	1"X 1"
JETS-4.2-60	72	750	4.2	60	3	1"X 1"
JCPS-6.6-34	72	750	6.6	34	3	1"X 1"
JSDP-7.0-9	48	400	7.0	9	/	1.5"
JSDP-8.0-11	48	500	8.0	11	/	1.5"
JCM-5.0-55	48	500	5.0	55	/	1 X1
JCM-5.0-80	48	750	5.0	80	/	1 X1
JCM-8.0-70	72	1100	8.0	70	/	1 X1

DC SOLAR PUMP

3 INCHES SCREW PUMP



Outside switch



- JST3-0.9-32
- JST3-1.3-50
- JST3-1.8-60
- JST3-1.8-80
- JST3-1.8-100
- JST3-2.1-100
- JST3-2.1-120

ACCESSORIES:

1. Pump Controller
2. Screw
3. Water Level Sensor
4. Cable For Solar Panel: 6m
5. Cable Connector

MATERIAL OF PARTS

- Outlet: stainless steel
- Pump body: stainless steel
- Motor body: stainless steel
- Screw: stainless steel
- Bearing: NSK

PUMP PERFORMANCE

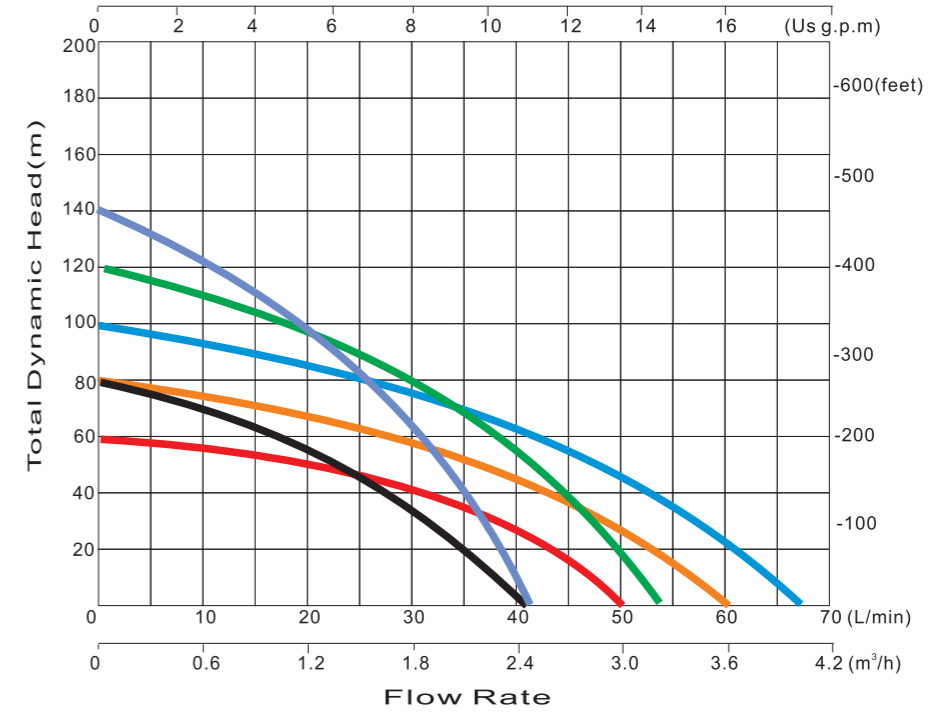
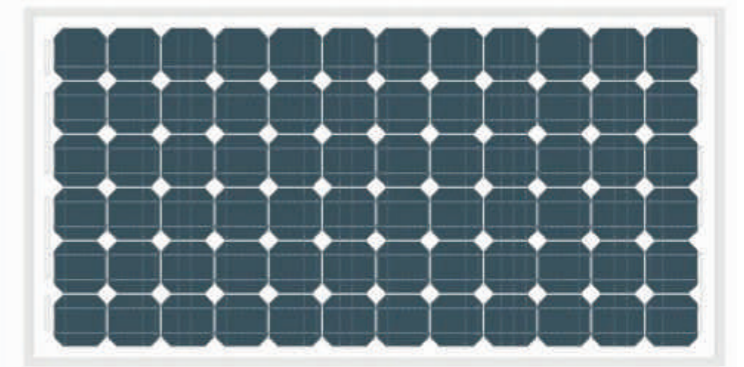
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JST3-0.9-32	24	100	0.9	32	0.75"	76
JST3-1.3-50	24	120	1.3	50	0.75"	76
JST3-1.8-60	24	180	1.8	60	0.75"	76
JST3-1.8-80	24	210	1.8	80	0.75"	76
JST3-1.8-100	24	270	1.8	100	0.75"	76
JST3-2.1-100	48	450	2.1	100	0.75"	76
JST3-2.1-120	48	540	2.1	120	0.75"	76

DC SOLAR PUMP

4 INCHES SCREW PUMP



Outside switch



- JST4-3.0-60
- JST4-2.5-80
- JST4-3.6-80
- JST4-4.0-100
- JST4-3.0-120
- JST4-2.5-140

ACCESSORIES:

1. Pump Controller
2. Screw
3. Water Level Sensor
4. Cable For Solar Panel: 6m
5. Cable Connector

MATERIAL OF PARTS

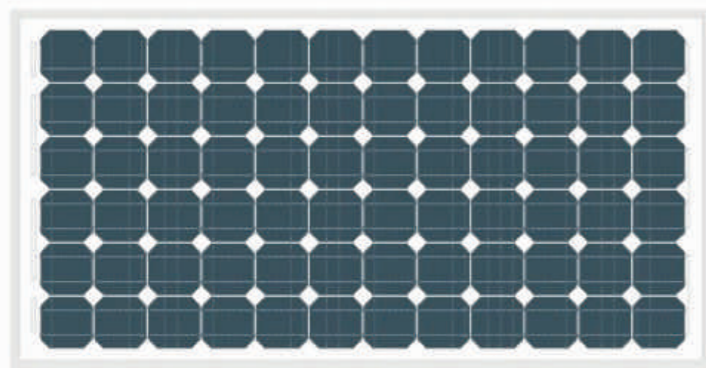
- Outlet: stainless steel
- Pump body: stainless steel
- Motor body: stainless steel
- Screw: stainless steel
- Bearing: NSK

PUMP PERFORMANCE

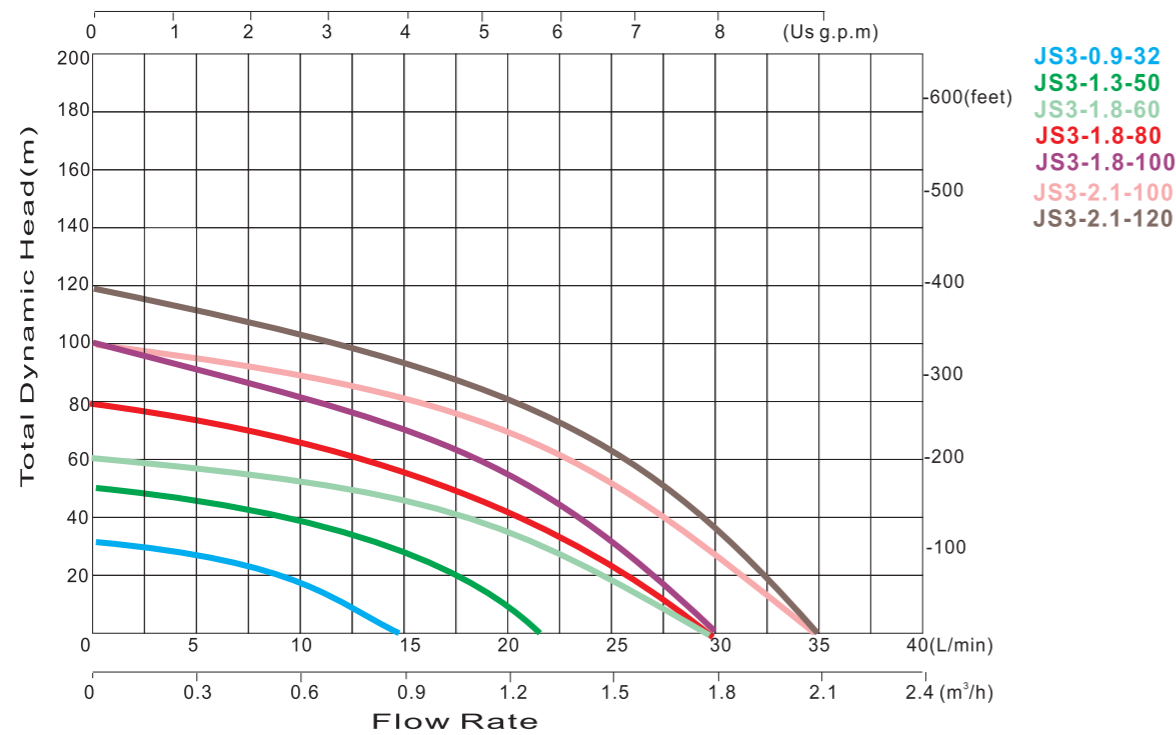
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (in)	DIAMETER (mm)
JST4-3.0-60	36	450	3.0	60	1"	100
JST4-2.5-80	48	500	2.5	70	1"	100
JST4-3.6-80	48	750	3.6	80	1"	100
JST4-4.0-100	72	1000	4.0	100	1"	100
JST4-3.0-120	72	1000	3.2	120	1"	100
JST4-2.5-140	72	1000	2.5	140	1"	100

DC SOLAR PUMP

3 INCHES SCREW PUMP



Outside switch



ACCESSORIES:

- 1.Pump Controller
- 2.Screw
- 3.Water Level Sensor
- 4.Cable For Solar Panel: 6m
- 5.Cable Connector

MATERIAL OF PARTS

Outlet:stainless steel
 Pump body:stainless steel
 Motor body:stainless steel
 Screw:stainless steel
 Bearing:NSK

PUMP PERFORMANCE

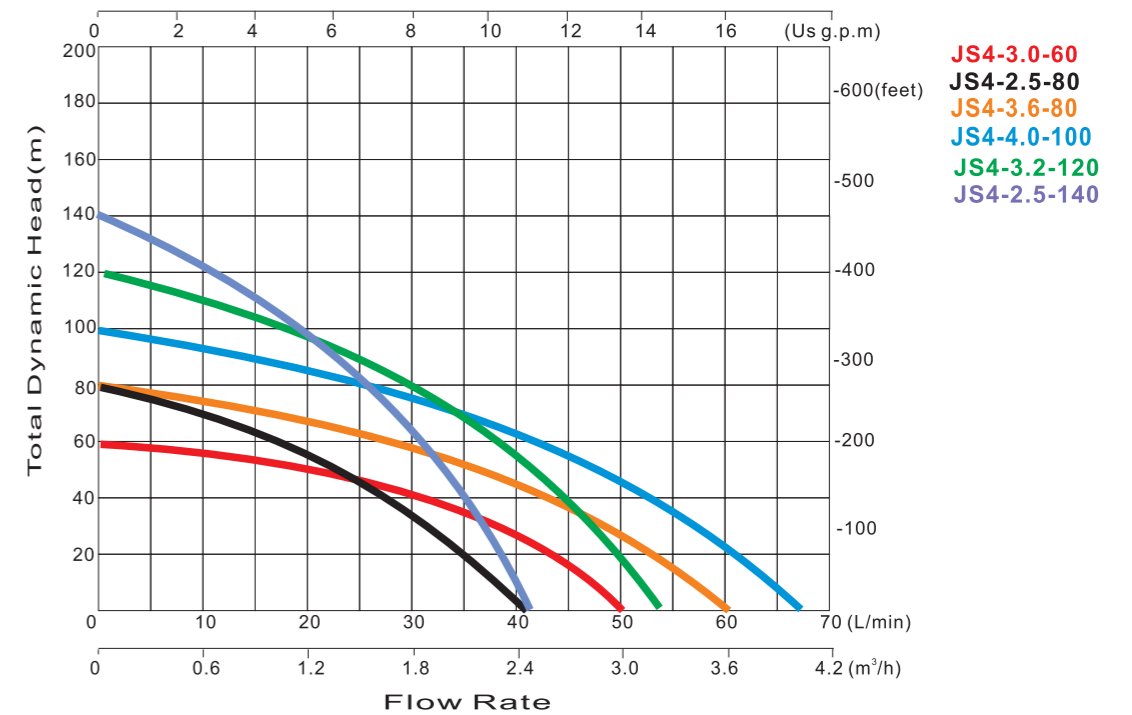
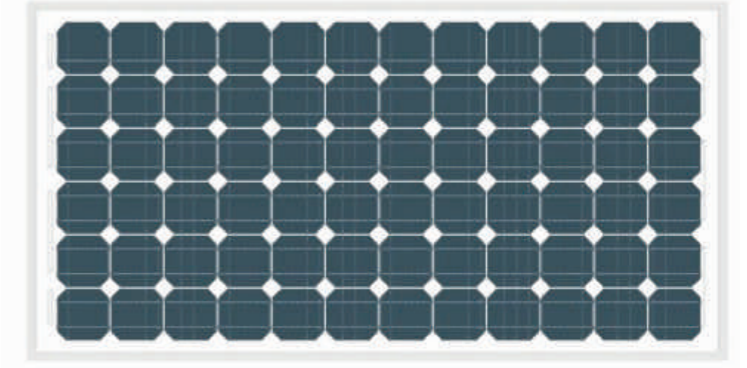
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JS3-0.9-32	24	100	0.9	32	0.75"	76
JS3-1.3-50	24	120	1.3	50	0.75"	76
JS3-1.8-60	24	180	1.8	60	0.75"	76
JS3-1.8-80	24	210	1.8	80	0.75"	76
JS3-1.8-100	24	270	1.8	100	0.75"	76
JS3-2.1-100	48	450	2.1	100	0.75"	76
JS3-2.1-120	48	540	2.1	120	0.75"	76

DC SOLAR PUMP

4 INCHES SCREW PUMP



Outside switch



ACCESSORIES:

- 1.Pump Controller
- 2.Screw
- 3.Water Level Sensor
- 4.Cable For Solar Panel: 6m
- 5.Cable Connector

MATERIAL OF PARTS

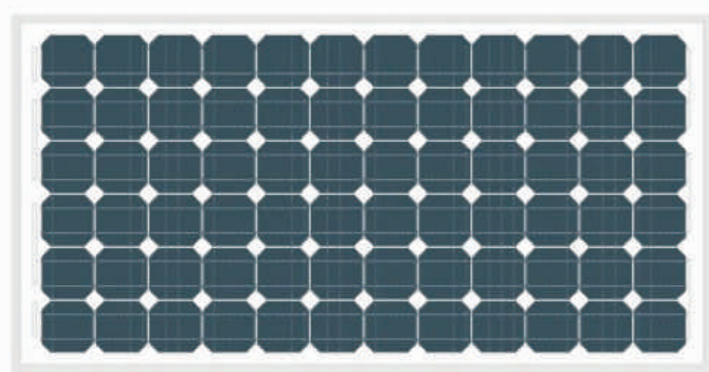
Outlet:stainless steel
 Pump body:stainless steel
 Motor body:stainless steel
 Screw:stainless steel
 Bearing:NSK

PUMP PERFORMANCE

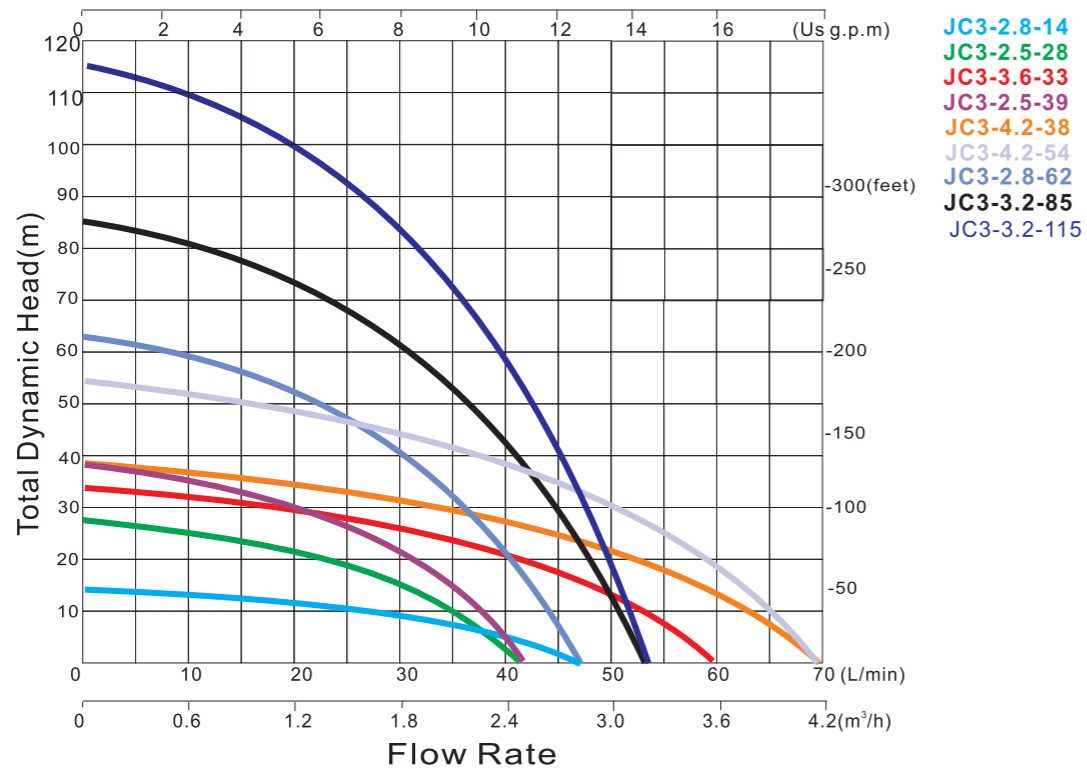
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (in)	DIAMETER (mm)
JS4-3.0-60	36	450	3.0	60	1"	100
JS4-2.5-70	48	500	2.5	70	1"	100
JS4-3.6-80	48	750	3.6	80	1"	100
JS4-4.0-100	72	1000	4.0	100	1"	100
JS4-3.2-120	72	1000	3.2	120	1"	100
JS4-2.5-140	72	1000	2.5	140	1"	100

DC SOLAR PUMP

3 INCHES CENTRIFUGAL PUMP



Outside switch



ACCESSORIES:

1. Pump Controller
2. Impeller
3. Water Level Sensor
4. Cable For Solar Panel: 6m
5. Cable Connector

MATERIAL OF PARTS

Outlet: Brass
 Pump body: stainless steel
 Motor body: stainless steel
 Impeller: Plastic.PPO
 Bearing: NSK

PUMP PERFORMANCE

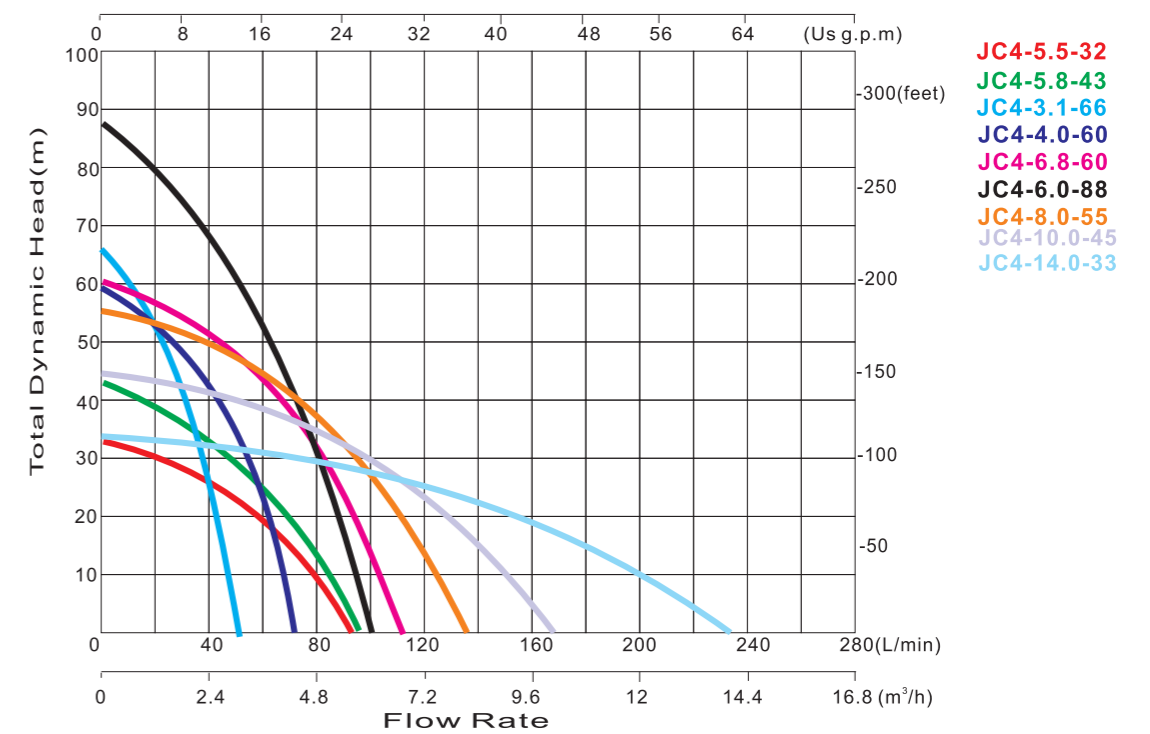
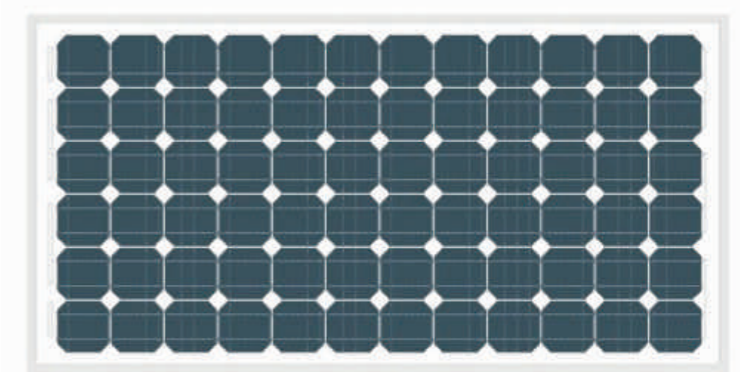
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JC3-2.8-14	24	140	2.8	14	1"	76
JC3-2.5-28	36	260	2.5	28	1"	76
JC3-3.6-33	36	320	3.6	33	1"	76
JC3-2.5-39	36	400	2.5	39	1"	76
JC3-4.2-38	36	440	4.2	38	1"	76
JC3-4.2-54	48	600	4.2	54	1"	76
JC3-2.8-62	48	600	2.8	62	1"	76
JC3-3.2-85	48	750	3.2	85	1"	76
JC3-3.2-115	72	1000	3.2	115	1"	76

DC SOLAR PUMP

4 INCHES CENTRIFUGAL PUMP



Outside switch



ACCESSORIES:

1. Pump Controller
2. Impeller
3. Water Level Sensor
4. Cable For Solar Panel: 6m
5. Cable Connector

MATERIAL OF PARTS

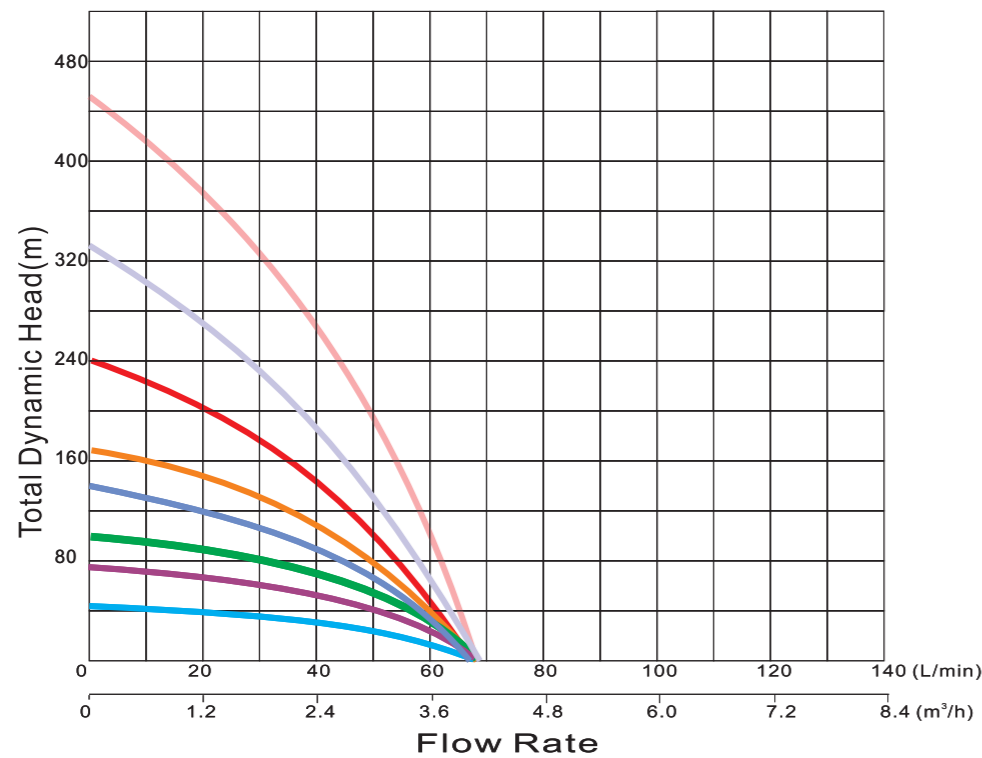
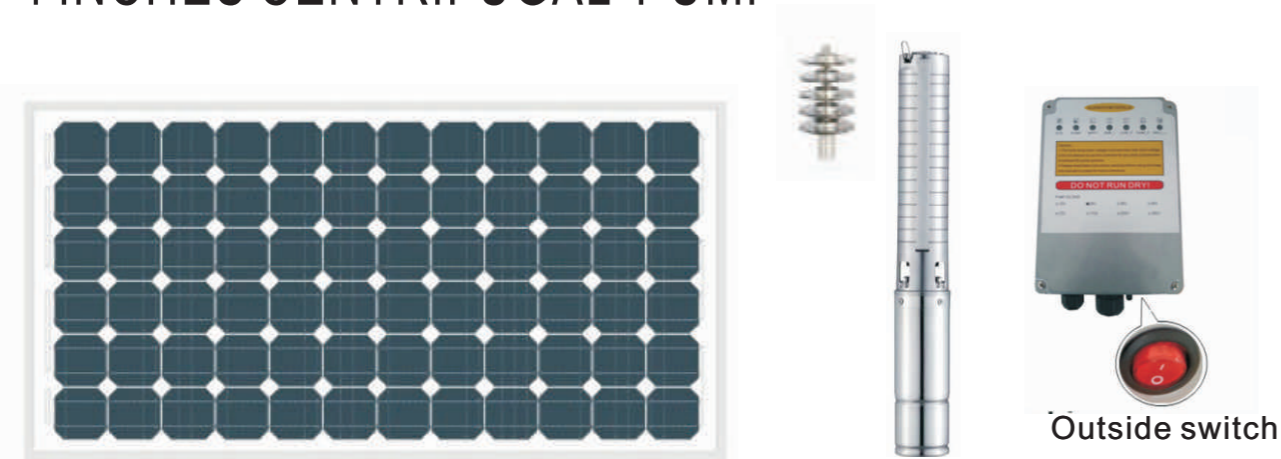
Outlet: Brass
 Pump body: stainless steel
 Motor body: stainless steel
 Impeller: Plastic.PPO
 Bearing: NSK

PUMP PERFORMANCE

TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JC4-5.5-32	36	360	5.5	32	1.25"	100
JC4-5.8-43	36	500	5.8	43	1.25"	100
JC4-3.1-66	36	500	3.1	66	1.25"	100
JC4-4.0-60	48	720	4.0	60	1.25"	100
JC4-6.8-60	72	1000	6.8	60	1.25"	100
JC4-6.0-88	72	1000	6.0	88	1.25"	100
JC4-8.0-55	72	1000	8.0	55	1.5"	100
JC4-10.0-45	72	1000	10.0	45	2"	100
JC4-14.0-33	72	1000	14.0	33	2"	100

DC SOLAR PUMP

4 INCHES CENTRIFUGAL PUMP



ACCESSORIES:

- 1.Pump Controller
- 2.Impeller
- 3.Water Level Sensor
- 4.Cable For Solar Panel: 6m
- 5.Cable Connector

MATERIAL OF PARTS

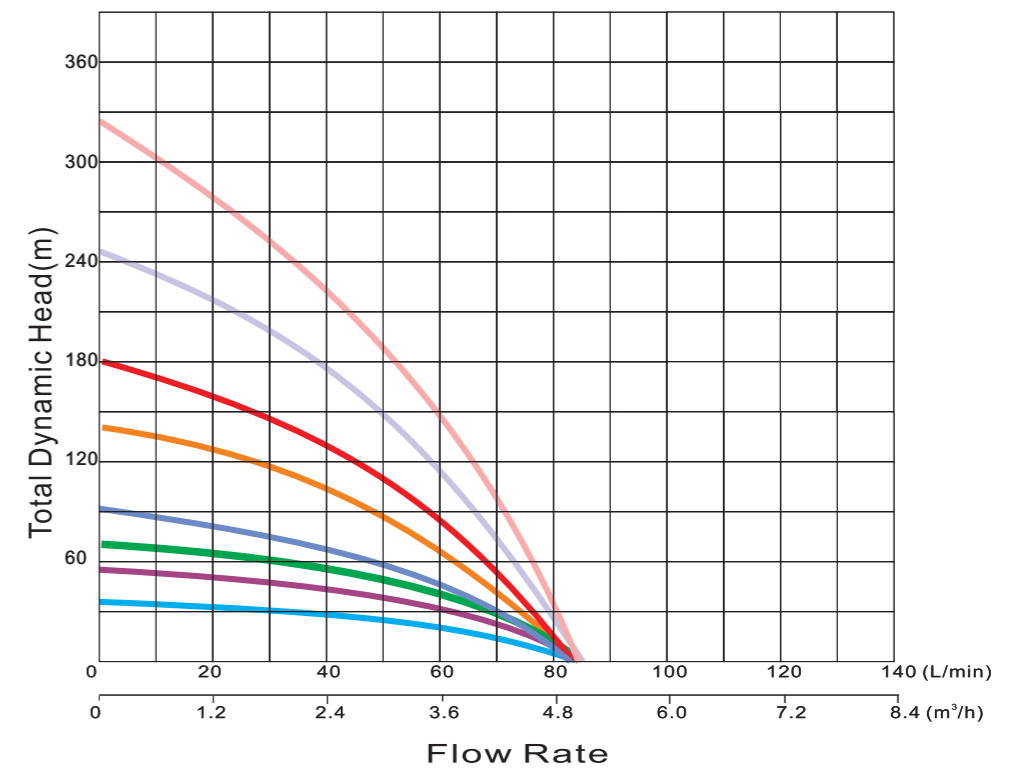
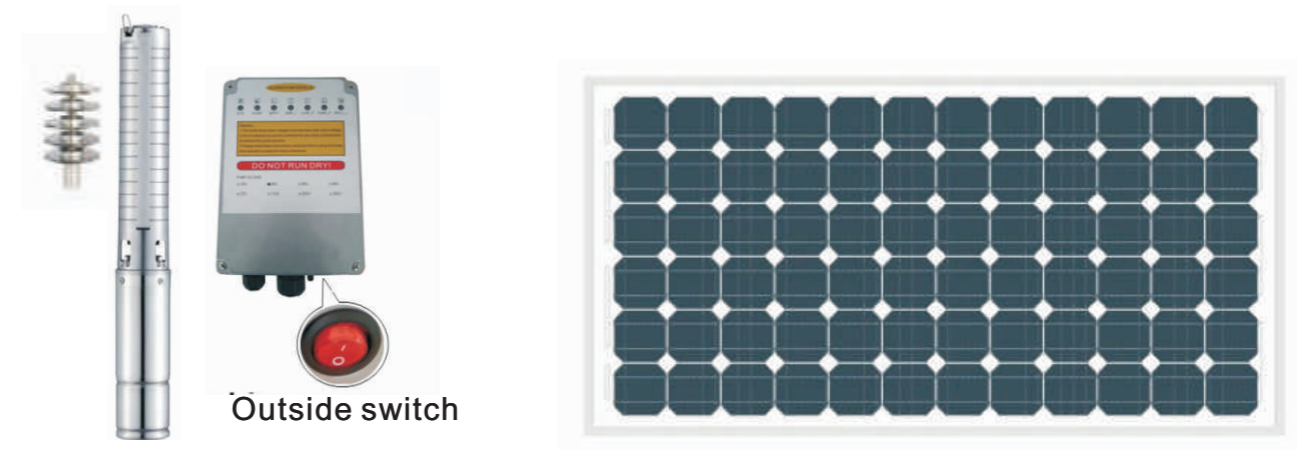
- Outlet:stainless steel
 Pump body:stainless steel
 Motor body:stainless steel
 Impeller: stainless steel
 Bearing:NSK

PUMP PERFORMANCE

TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JCS4-4.0-34	36	370W(0.5HP)	4.0	42	1.25	92
JCS4-4.0-75	48	550W(0.75HP)	4.0	75	1.25	92
JCS4-4.0-103	48	750W(1HP)	4.0	103	1.25	92
JCS4-4.0-134	72	1100W(1.5HP)	4.0	134	1.25	92
JCS4-4.0-166	252	1500W(2HP)	4.0	166	1.25	92
JCS4-4.0-243	288	2200W(3HP)	4.0	243	1.25	92
JCS4-4.0-333	288	3000W(4HP)	4.0	333	1.25	92
JCS4-4.0-458	288	4000W(5.5HP)	4.0	458	1.25	92

DC SOLAR PUMP

4 INCHES CENTRIFUGAL PUMP



ACCESSORIES:

- 1.Pump Controller
- 2.Impeller
- 3.Water Level Sensor
- 4.Cable For Solar Panel: 6m
- 5.Cable Connector

MATERIAL OF PARTS

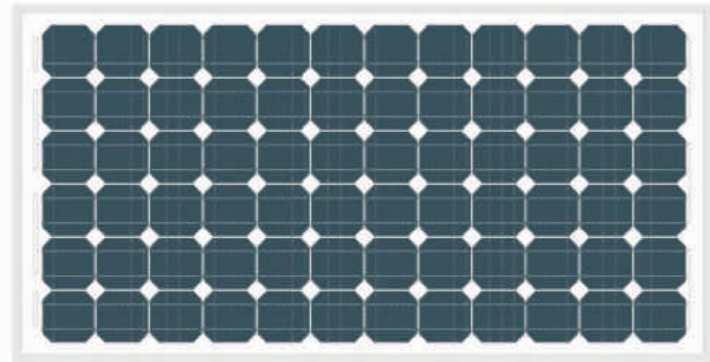
- Outlet:stainless steel
 Pump body:stainless steel
 Motor body:stainless steel
 Impeller: stainless steel
 Bearing:NSK

PUMP PERFORMANCE

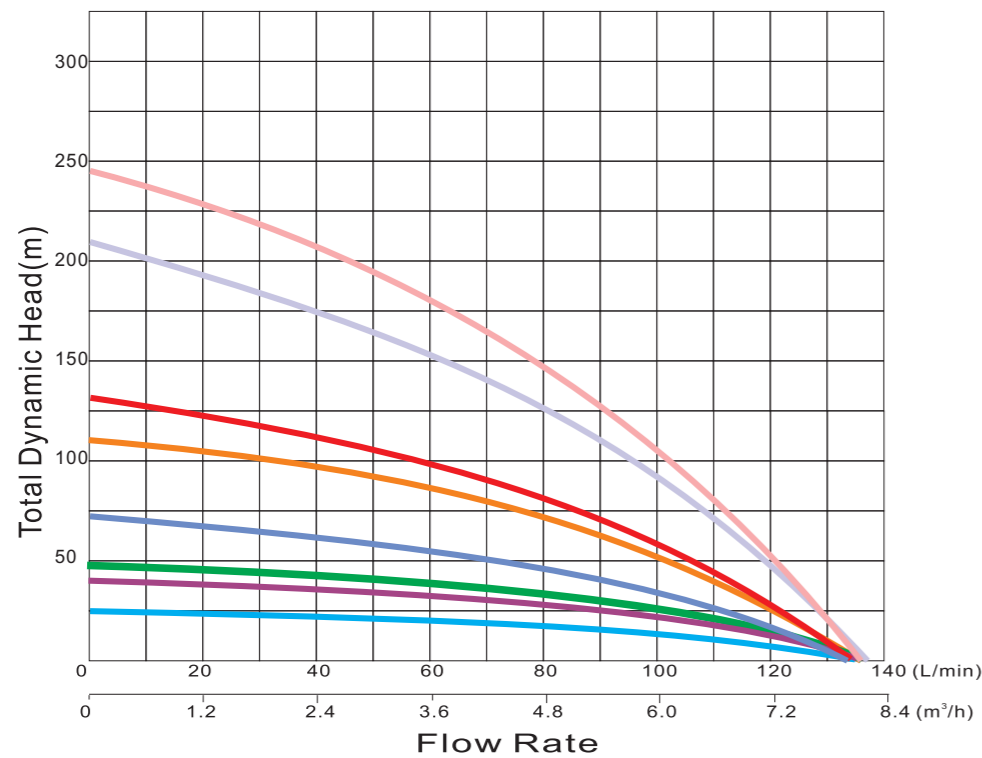
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JCS4-5.0-36	36	370W(0.5HP)	5.0	36	1.5	92
JCS4-5.0-55	48	550W(0.75HP)	5.0	55	1.5	92
JCS4-5.0-71	48	750W(1HP)	5.0	71	1.5	92
JCS4-5.0-93	72	1100W(1.5HP)	5.0	93	1.5	92
JCS4-5.0-137	252	1500W(2HP)	5.0	137	1.5	92
JCS4-5.0-181	288	2200W(3HP)	5.0	181	1.5	92
JCS4-5.0-244	288	3000W(4HP)	5.0	244	1.5	92
JCS4-5.0-326	288	4000W(5.5HP)	5.0	326	1.5	92

DC SOLAR PUMP

4 INCHES CENTRIFUGAL PUMP



Outside switch



ACCESSORIES:

- 1.Pump Controller
- 2.Impeller
- 3.Water Level Sensor
- 4.Cable For Solar Panel: 6m
- 5.Cable Connector

MATERIAL OF PARTS

- Outlet:stainless steel
- Pump body:stainless steel
- Motor body:stainless steel
- Impeller: stainless steel
- Bearing:NSK

PUMP PERFORMANCE

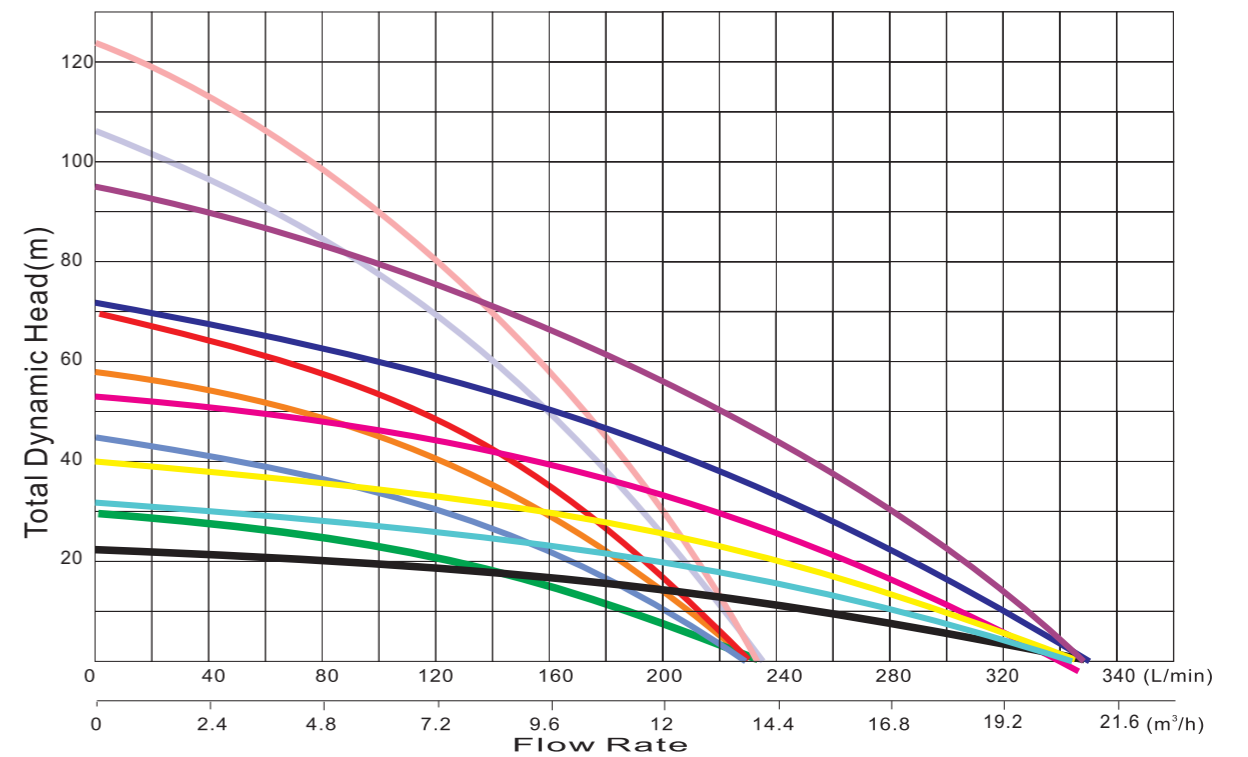
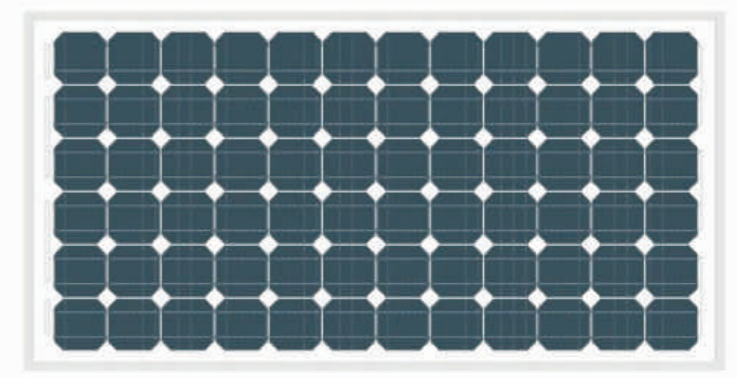
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JCS4-8.0-25	36	370W(0.5HP)	8.0	25	1.5	92
JCS4-8.0-38	48	550W(0.75HP)	8.0	38	1.5	92
JCS4-8.0-48	48	750W(1HP)	8.0	48	1.5	92
JCS4-8.0-72	72	1100W(1.5HP)	8.0	72	1.5	92
JCS4-8.0-106	216	1500W(2HP)	8.0	106	1.5	92
JCS4-8.0-130	288	2200W(3HP)	8.0	130	1.5	92
JCS4-8.0-210	288	3000W(4HP)	8.0	210	1.5	92
JCS4-8.0-248	288	4000W(5.5HP)	8.0	248	1.5	92

DC SOLAR PUMP

4 INCHES CENTRIFUGAL PUMP



Outside switch



ACCESSORIES:

- 1.Pump Controller
- 2.Impeller
- 3.Water Level Sensor
- 4.Cable For Solar Panel: 6m
- 5.Cable Connector

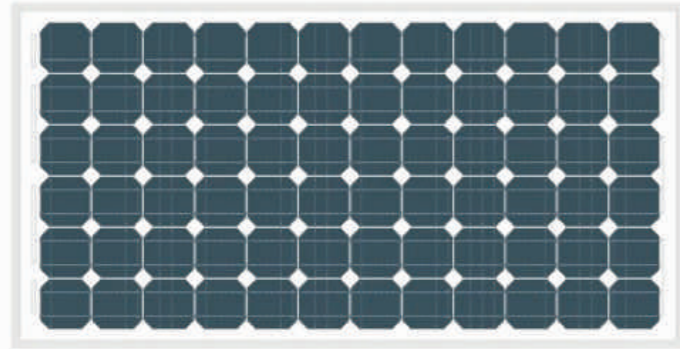
MATERIAL OF PARTS

- Outlet:stainless steel
- Pump body:stainless steel
- Motor body:stainless steel
- Impeller: stainless steel
- Bearing:NSK

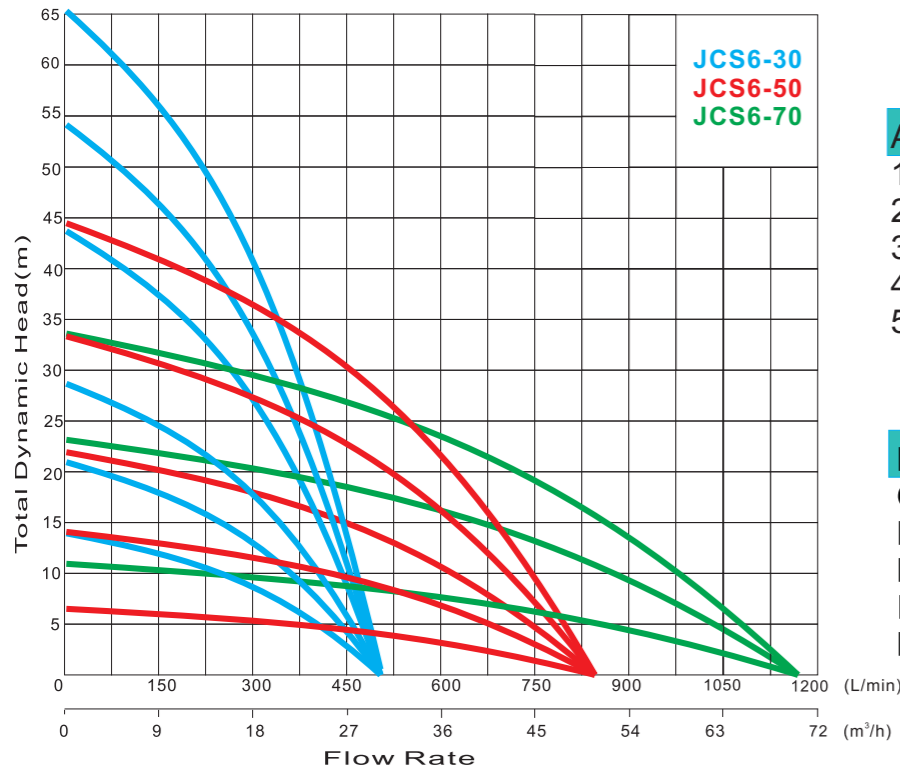
TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JCS4-14-30	48	750W(1HP)	14	30	2	92
JCS4-14-45	72	1100W(1.5HP)	14	45	2	92
JCS4-14-57	252	1500W(2HP)	14	57	2	92
JCS4-14-70	288	2200W(3HP)	14	70	2	92
JCS4-14-106	288	3000W(4HP)	14	106	2	92
JCS4-14-123	288	4000W(5.5HP)	14	123	2	92
JCS4-21-21	72	1200W(1.6HP)	21	21	2	92
JCS4-21-32	252	1500W(2HP)	21	32	2	92
JCS4-21-40	252	1800W(2.4HP)	21	40	2	92
JCS4-21-54	288	2200W(3HP)	21	54	2	92
JCS4-21-72	288	3000W(4HP)	21	72	2	92
JCS4-21-96	288	4000W(5HP)	21	96	2	92

DC SOLAR PUMP

6 INCHES CENTRIFUGAL PUMP



Outside switch



ACCESSORIES:

1. Pump Controller
2. Impeller
3. Water Level Sensor
4. Cable For Solar Panel: 6m
5. Cable Connector

MATERIAL OF PARTS

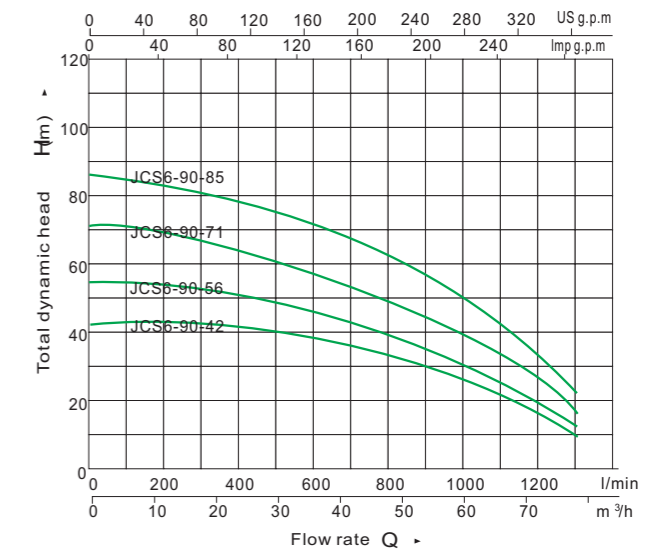
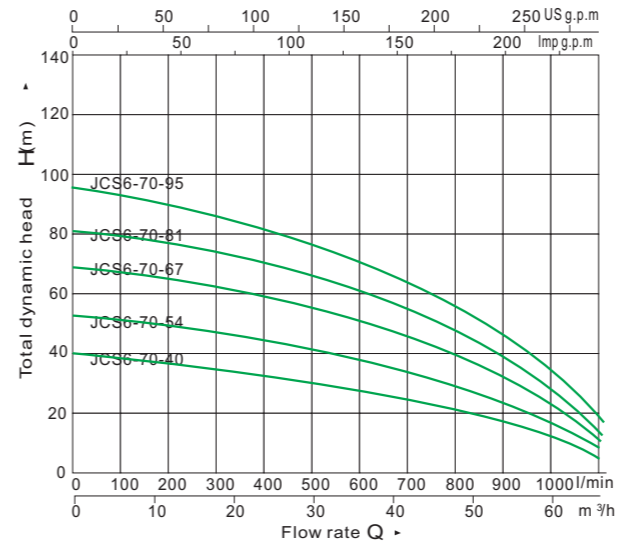
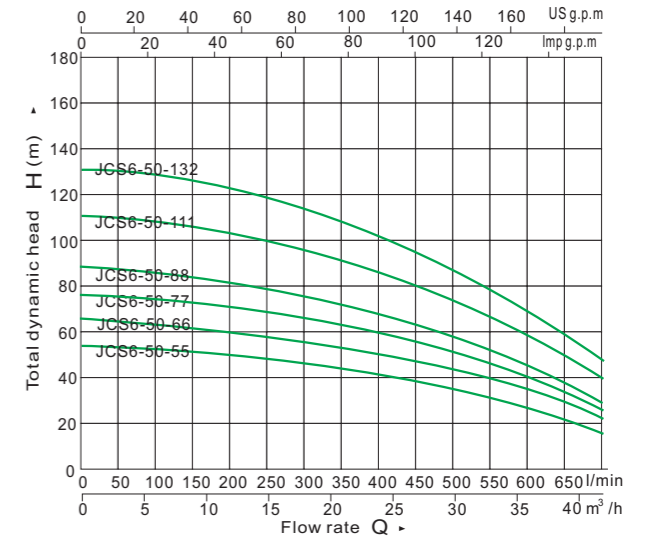
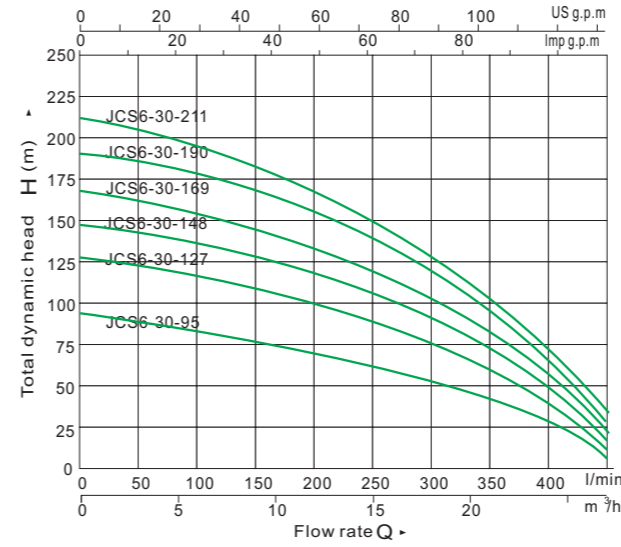
- Outlet: stainless steel
- Pump body: stainless steel
- Motor body: stainless steel
- Impeller: stainless steel
- Bearing: NSK

PUMP PERFORMANCE

TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JCS6-30-14	72V	1200	30	13	3	150
JCS6-30-21	252V	1500	30	21	3	150
JCS6-30-28	252V	1800	30	28	3	150
JCS6-30-43	288V	2200	30	43	3	150
JCS6-30-54	288V	3000	30	54	3	150
JCS6-30-65	288V	4000	30	65	3	150
JCS6-50-7	72V	1200	50	7	3or4	150
JCS6-50-14	252V	1800	50	14	3or4	150
JCS6-50-22	288V	2200	50	22	3or4	150
JCS6-50-33	288V	3000	50	33	3or4	150
JCS6-50-45	288V	4000	50	45	3or4	150
JCS6-70-11	288V	2200	70	11	3 or 4	150
JCS6-70-23	288V	3000	70	23	3or4	150
JCS6-70-33	288V	4000	70	33	3or4	150

SOLAR PUMP

6 INCHES CENTRIFUGAL PUMP



PUMP PERFORMANCE

TYPE	VOLTAGE (v)	POWER (w)	MAX FLOW (m3/h)	MAX HEAD (m)	OUTLET (inch)	DIAMETER (mm)
JCS6-30-95	360	5500	30	95	3	150
JCS6-30-127	360	7500	30	127	3	150
JCS6-30-148	360	9200	30	148	3	150
JCS6-30-169	360	9200	30	169	3	150
JCS6-30-190	360	11000	30	190	3	150
JCS6-30-211	360	11000	30	211	3	150
JCS6-50-55	360	5500	50	55	4	150
JCS6-50-66	360	5500	50	66	4	150
JCS6-50-77	360	7500	50	77	4	150
JCS6-50-88	360	7500	50	88	4	150
JCS6-50-110	360	9200	50	110	4	150
JCS6-50-132	360	11000	50	132	4	150
JCS6-70-40	360	5500	70	40	4	150
JCS6-70-54	360	7500	70	54	4	150
JCS6-70-67	360	7500	70	67	4	150
JCS6-70-81	360	9200	70	81	4	150
JCS6-70-95	360	11000	70	95	4	150
JCS6-90-42	360	5500	90	42	4	150
JCS6-90-56	360	7500	90	56	4	150
JCS6-90-71	360	9200	90	71	4	150
JCS6-90-85	360	11000	90	85	4	150