



SOLAR WATER PUMP

Advantage

- Stainless Steel Pump Body
- Mppt Function Controller
- Copper Wire
- Oil Cooling
- Energy Saving
- Environment Friendly
- 100% Testing

BRIEF INTRODUCTION

Excellent Manufacture

We have the most advanced technology in both production and management. We have a very powerful Research & Development team. We carry on strict monitoring and control to products by many kinds of advanced apparatus with third-party qualified laboratory. Our products have been approved by CCC, EMC and CE certificate.

Research & Development

We pay much attention to the perfect integration of performance and appearance, so that you can safely enjoy our products. All of our products are checked routinely and strictly, and every detail in design is optimized.

Your reliable partner

We care the quality of the products you buy and carry on strict quality control policy.

We care the time you receive the goods and finish & deliver all the orders on time.

We care service you need and will provide all that we can do for you in time.

We care all the things you care.

Warranty

Warranty: Our company is highly responsible for the quality of products and always upholds concept that quality of products in corporate life.

Our company provides 1 year warranty for all sold products.



◆ **Profile:**

Solar powered Submersible vibrating pump for the deep well, reservoir or tank. The electric energy from the solar panels is supplied to the pump through the controller efficiently, which in turn provides greater flow rates with low power. This pump operates on cloudy days, without the use of batteries.

There will always be the water while there is daylight. Used in the domestic supply, small irrigation, drip irrigation, and animal husbandry.

◆ **Specifications:**

The maximum temperature of the water: 35°C degree
 The maximum depth of use under the water level: 10m
 Pumping clean water

The working voltage 24VDC-36VDC

◆ **Model description:**

JV M 0.8 / 40 - D 24 / 80

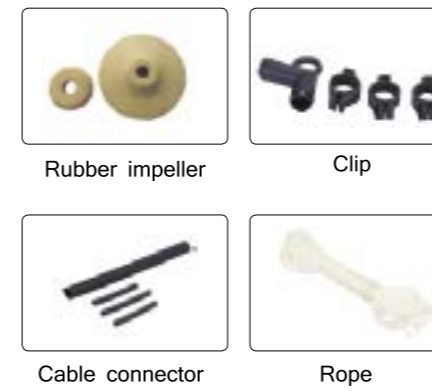
- Pump power
- Pump Voltage (V)
- DC(Direct Current)
- Max.head
- Max.flow
- U is upper inlet
- D is down inlet
- SOLAR VIBRATION PUMP

FREE ACCESSORIES



Solar panel

FREE ACCESSORIES



◆ **Profile:**

The complete portable, solar water pumping solution, delivering you more water.

Solar powered Submersible vibrating pump SV series is a complete portable system for small to medium sized applications.

The electric energy from the solar panels supply the pump through the controller efficiently, which in turn provides greater flow rates with low power and a pump independent of fluctuations in the level of solar radiation.

This pump operates on cloudy days, which don't require the use of batteries. They will pump water as long as there is sunlight. The system meets the requirements of most residential supply, small irrigation, drip irrigation, and animal husbandry.

◆ **Application:**

This product has the lowest rate of power of solar panel to pump power, and it is not only very easy to operate the motor under little sunshine but also, it will be more suitable for the water quality is not very good comparing with screw pumps.

This is a high technology product which is very suitable for life water supplying where is far away from electric power supply.

As it is a portable system, the SV series is a very convenient total solution to meet your solar water pumping and moving needs.

◆ **Product Feature:**

The maximum temperature of the water: 35°C
 The maximum depth of use under the water level: 20m
 Pumping clean water
 The working voltage 24VDC-36VDC
 The pump must be operated vertically and avoid touching the wall
 Suitable PH value of clean water: 6.5-7.5

Motor Data

Model	Impeller	solar array voltage	solar array power	Max.flow	Max.head	OUTLET	Dimension
		V	W	m ³ /h	m	IN	mm
.0/50-D24/80		36	100	1.0	50	0.5"	75
1.5/60-D24/120	Rubber	36	160	1.5	60	0.5"	90
2.1/60-D24/200		36	280	2.1	60	0.75"	160



3JTS 3JTS(T) (Motor controller)

Profile:

Adopt stainless steel screw and rubber stator, permanent Magnet Brushless motor. With combination of motor and controller, the max efficiency is over 85%, raises 25% than the traditional AC one.

2. Material:

- 1) Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; rubber stator of high-strength and wear-resistant.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

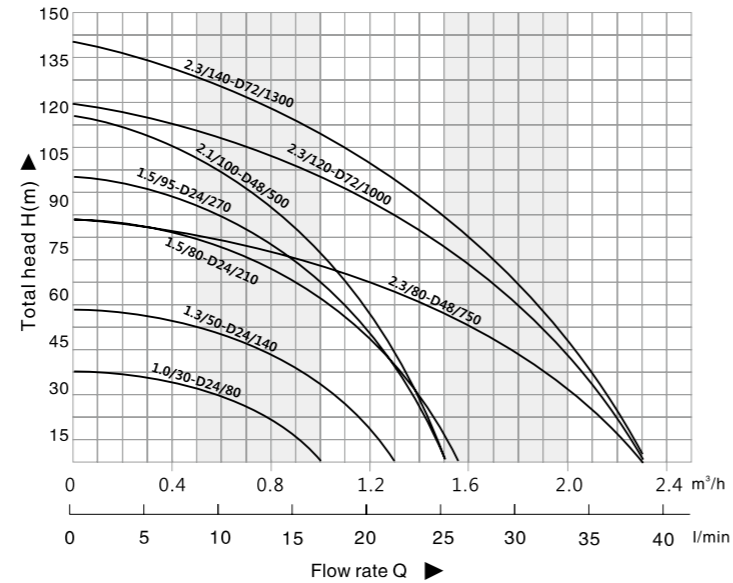
Max Head: 140m Max flow: 2.3m³/h

Application:

- 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

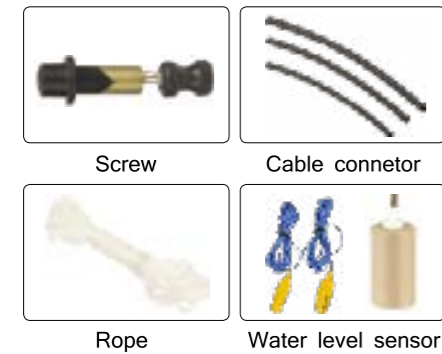
Working condition:

- 1) Non-corrosive water; the volume ratio of sand content no more than 1% particle size less than 0.2mm.
- 2) Max medium temperature up to +40°C ; PH value remains 6.5-8.5.
- 3) Work close to the rated head and must be immersed in water.



Solar panel

FREE ACCESSORIES



Screw

Cable connector

Rope

Water level sensor

Motor Date

Model	Impeller	solar array power		Max.flow m ³ /h	Max.head m	OUTLET IN	G.W kg	Dimension mm
		V	W					
3JTS(T)1.0/30-D24/80	Screw	36	110	1.0	30	0.75"	7	76×460
3JTS(T)1.3/50-D24/140		36	180	1.3	50	0.75"	7.2	76×460
3JTS(T)1.5/80-D24/210		36	280	1.5	80	0.75"	7.5	76×460
3JTS(T)1.5/95-D24/270		36	360	1.5	95	0.75"	8	76×460
3JTS(T)2.1/100-D48/500		72	660	2.1	100	0.75"	8.5	76×460
3JTS(T)2.3/80-D48/750		72	960	2.3	80	0.75"	9	76×460
3JTS(T)2.3/120-D72/1000		108	1320	2.3	120	0.75"	9.5	76×460
3JTS(T)2.3/140-D72/1300		108	1680	2.3	140	0.75"	10	76×460



3JTSI (Motor controller)

Profile:

Adopt stainless steel screw and rubber stator, permanent Magnet Brushless motor. With combination of motor and controller, the max efficiency is over 85%, raises 25% than the traditional AC one.

2. Material:

- 1) Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; rubber stator of high-strength and wear-resistant.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

Max Head: 140m Max flow: 2.3m³/h

Application:

- 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

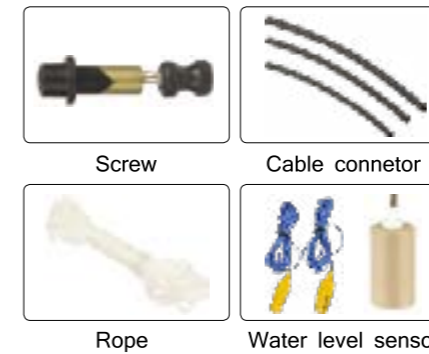
Working condition:

- 1) Non-corrosive water; the volume ratio of sand content no more than 1% particle size less than 0.2mm.
- 2) Max medium temperature up to +40°C ; PH value remains 6.5-8.5.
- 3) Work close to the rated head and must be immersed in water.



Solar panel

FREE ACCESSORIES



Screw

Cable connector

Rope

Water level sensor

Motor Date

Model	Impeller	solar array voltage	solar array power	Max.flow m ³ /h	Max.head m	OUTLET IN	G.W kg	Dimension mm
		V	W					
3JTSI1.0/30-D24/80	Screw	36	110	1	30	0.75"	7	76×460
3JTSI1.3/50-D24/140		36	180	1.3	50	0.75"	7.2	76×460
3JTSI1.5/80-D24/210		36	280	1.5	80	0.75"	7.5	76×460
3JTSI1.5/95-D24/270		36	360	1.5	95	0.75"	8	76×460
3JTSI1.5/115-D36/500		72	660	2.1	100	0.75"	8.5	76×460
3JTSI2.3/80-D48/750		72	960	2.3	80	0.75"	9	76×460
3JTSI2.3/120-D72/1000		108	1320	2.3	120	0.75"	9.5	76×460
3JTSI2.3/140-D72/1300		108	1680	2.3	140	0.75"	10	76×460

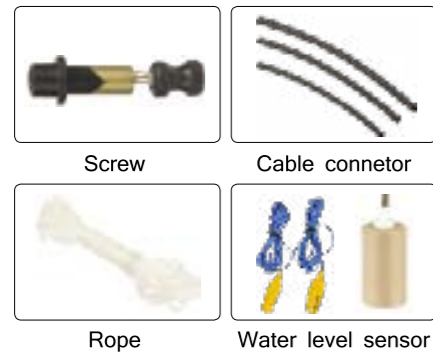


4JTS (Motor controller)



Solar panel

FREE ACCESSORIES



Screw

Cable connector

Rope

Water level sensor

Profile:

Adopt stainless steel screw and rubber stator, permanent Magnet Brushless motor. With combination of motor and controller, the max efficiency is over 85%, raises 25% than the traditional AC one.

Material:

- 1) Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; rubber stator of high-strength and wear-resistant.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

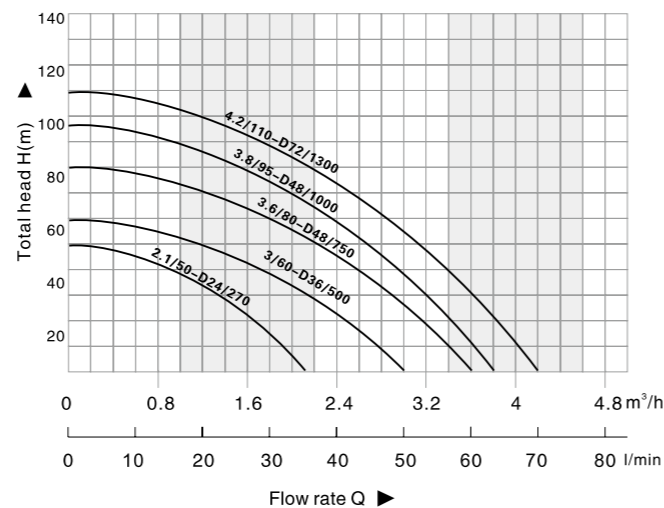
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
 - 2) Easy installation, maintenance-free, safe and reliable.
- Max Head: 1-110m Max flow: 4.2m³/h

Application:

- 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition:

- 1) Non-corrosive water; the volume ratio of sand content no more than 1‰ particle size less than 0.2mm.
- 2) Max medium temperature up to +40°C; PH value remains 6.5-8.5.
- 3) Work close to the rated head and must be immersed in water.



Motor Date

Model	Impeller	solar array voltage V	solar array power W	Max.flow m ³ /h	Max.head m	OUTLET IN	G.W kg	Dimension mm
4JTS2.1/50-D24/270	Screw	36	360	2.1	50	1"	9.5	100x480
4JTS3.0/60-D36/500		54	660	3.0	60	1"	10	100x480
4JTS3.6/80-D48/750		72	960	3.6	80	1"	10.5	100x480
4JTS3.8/95-D72/1000		108	1320	3.8	95	1"	13.5	100x550
4JTS4.2/110-D72/1300		108	1680	4.2	110	1"	14	100x550

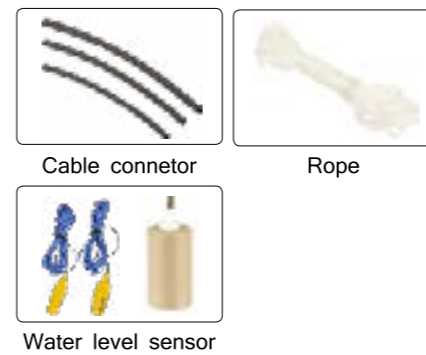


Oil cooling (Motor controller)



Solar panel

FREE ACCESSORIES



Cable connector

Rope

Water level sensor

Profile:

Adopt stainless steel casing, shaft core, coupling, water entry base and pump body (or copper alloy water entry base, pump body) to avoid rust or corrosion, stainless steel impeller and stainless steel blower inlet casing. New "floating style" structure of impeller avoids axial pressure to motor. With combination of motor and controller, the max efficiency is over 85%, raises 20% than the traditional AC one.

Material:

- 1) Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; stainless steel impeller and stainless steel inlet blower inlet casing.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

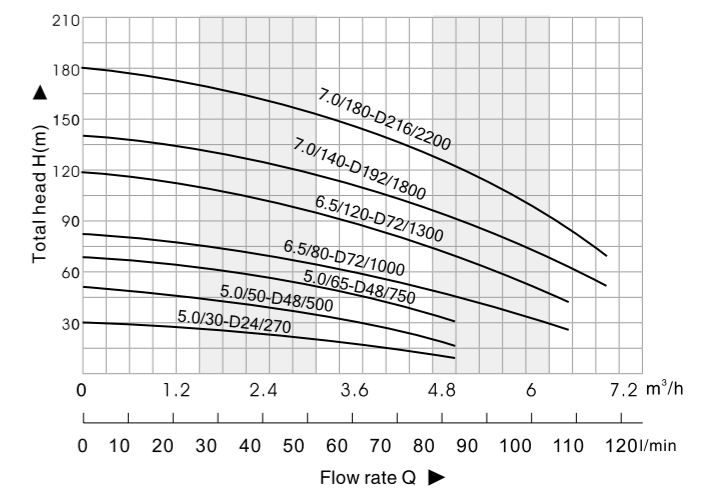
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
 - 2) Easy installation, maintenance-free, safe and reliable.
- Max Head: 180m Max flow: 6m³/h

Application:

- 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition:

- 1) Non-corrosive water; the volume ratio of sand content no more than 3‰; particle size less than 1mm.
- 2) Max medium temperature up to +40°C; PH value remains 5-10.
- 3) Work close to the rated head and must be immersed in water.



Motor Date

Model	Impeller	solar array voltage V	solar array power W	Max.flow m ³ /h	Max.head m	OUTLET IN	G.W kg	Dimension mm
3JTSC5.0/30-D24/270	Centrifugal (Stainless steel)	36	480	5.0	30	1.25"	13	76x500
3JTSC5.0/50-D48/500		72	600	5.0	50	1.25"	13.5	76x500
3JTSC5.0/65-D48/750		72	600	5.0	65	1.25"	14.0	76x500
3JTSC6.5/80-D72/1000		108	1320	6.5	80	1.25"	14.5	76x560
3JTSC6.5/120-D72/1300		108	1680	6.5	120	1.25"	15.5	76x600
3JTSC7.0/140-D192/1800		288	2400	7.0	140	1.25"	17.5	76x650
3JTSC7.0/180-D216/2200		288	2880	7.0	180	1.25"	18.5	76x720



Oil cooling



96V-216V



(Motor controller)



Solar panel

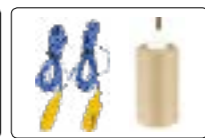
FREE ACCESSORIES



Cable connector



Rope



Water level sensor

Profile:

Adopt stainless steel casing, shaft core, coupling, water entry base and pump body (or copper alloy water entry base, pump body) to avoid rust or corrosion, stainless steel impeller and stainless steel blower inlet casing. New "floating style" structure of impeller avoids axial pressure to motor. With combination of motor and controller, the max efficiency is over 85%, raises 20% than the traditional AC one.

Material:

- 1) Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; stainless steel impeller and stainless steel inlet blower inlet casing.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

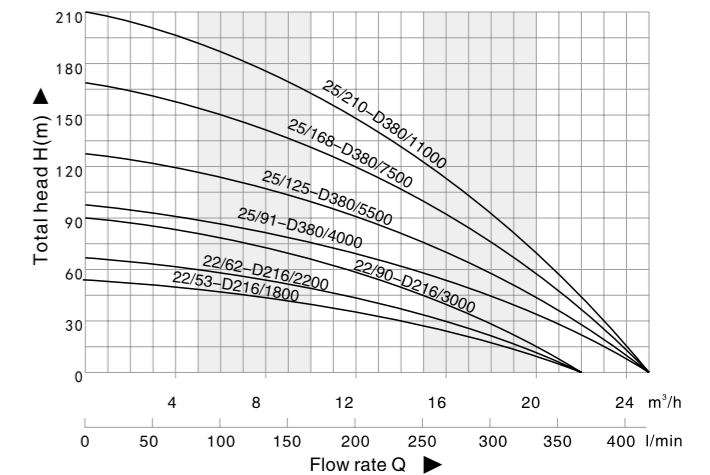
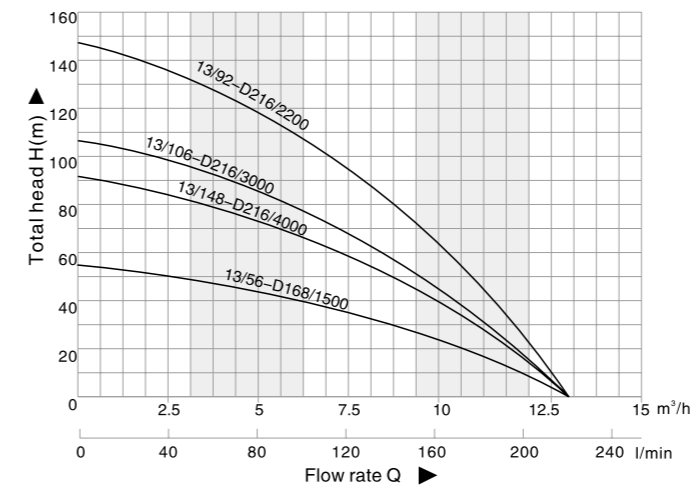
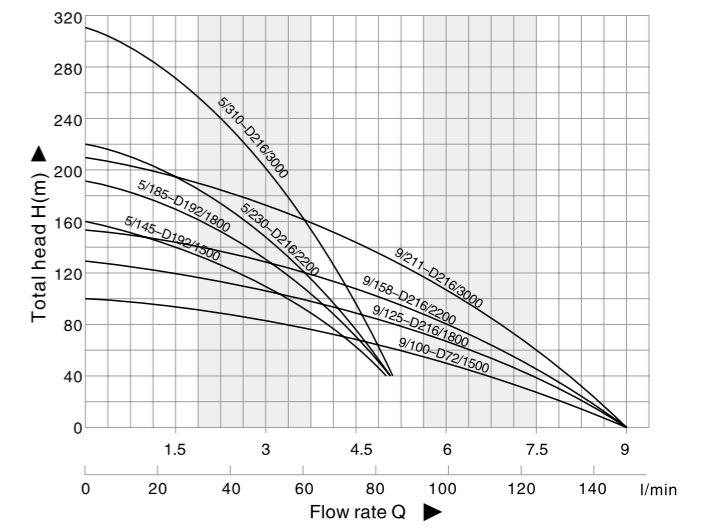
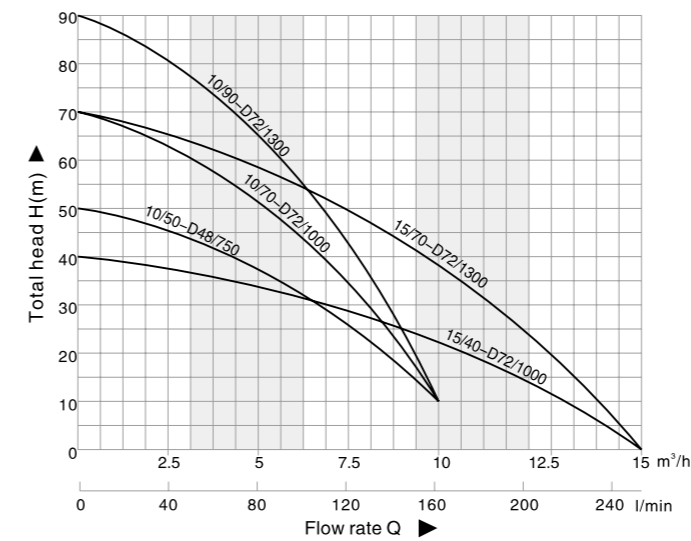
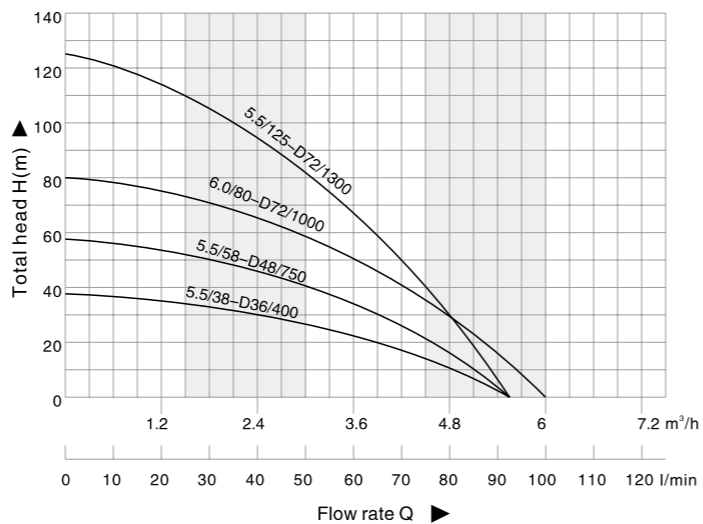
Max Head: 310m Max flow: 25m³/h

Application:

- 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition:

- 1) Non-corrosive water; the volume ratio of sand content no more than 3 %; particle size less than 1mm.
- 2) Max medium temperature up to +40°C ; PH value remains 5-10.
- 3) Work close to the rated head and must be immersed in water.



Motor Date

Model	Impeller	solar array voltage V	solar array power W	Max.flow m ³ /h	Max.head m	OUTLET INCH	G.W kg	Dimension mm
4JTSC5.5/38-D36/400	Centrifugal (Stainlesssteel)	54	520	5.5	38	1.25"	12.5	100×650
4JTSC5.5/58-D48/750		72	960	5.5	58	1.25"	13.5	100×680
4JTSC6.0/80-D72/1000		108	1320	6.0	80	1.25"	15.5	100×740
4JTSC5.5/125-D72/1300		108	1680	5.5	125	1.25"	16.5	100×880
4JTSC10/50-D48/750		72	960	10	50	1.5"	13.5	100×540
4JTSC10/70-D72/1000		108	1320	10	70	1.5"	15	100×650
4JTSC10/90-D72/1300		108	1680	10	90	1.5"	15.5	100×680
4JTSC15/40-D72/1000		108	1320	15	40	2"	13.5	100×540
4JTSC15/70-D72/1300		108	1680	15	70	2"	14	100×620

Model	Impeller	solar array voltage V	solar array power W	Max.flow m ³ /h	Max.head m	OUTLET INCH	Outer Dimension mm
4JTSC5/145-D192/1500	Centrifugal (Stainlesssteel)	288	2100	5	145	1.25"	100
4JTSC5/185-D192/1800		288	2400	5	185	1.25"	100
4JTSC5/230-D216/2200		288	2880	5	230	1.25"	100
4JTSC5/310-D216/3000		288	3600	5	310	1.25"	100
4JTSC9/100-D72/1500		108	1800	9	100	1.25"	100
4JTSC9/125-D216/1800		288	2240	9	125	1.25"	100
4JTSC9/158-D216/2200		288	2880	9	158	1.25"	100
4JTSC9/211-D216/3000		288	3600	9	211	1.25"	100
4JTSC13/56-D168/1500		252	2100	13	56	1.5"	100
4JTSC13/92-D216/2200		288	2880	13	92	1.5"	100
4JTSC13/106-D216/3000		288	3600	13	106	1.5"	100
4JTSC13/148-D216/4000		324	6000	13	148	1.5"	100
4JTSC22/53-D216/1800		288	2240	22	53	2"	100
4JTSC22/62-D216/2200		288	2880	22	62	2"	100
4JTSC22/90-D216/3000		288	3600	22	90	2"	100
4JTSC25/91-D380/4000		540	6000	25	91	2"	100
4JTSC25/125-D380/5500		540	8250	25	125	2"	100
4JTSC25/168-D380/7500		540	11250	25	168	2"	100
4JTSC25/210-D380/11000		540	16500	25	210	2"	100



FREE ACCESSORIES



Profile:

Adopt stainless steel casing, shaft core, coupling, water entry base and pump body (or copper alloy water entry base, pump body) to avoid rust or corrosion, stainless steel impeller and stainless steel blower inlet casing. New "floating style" structure of impeller avoids axial pressure to motor. With combination of motor and controller, the max efficiency is over 85%, raises 20% than the traditional AC one.

Material:

- 1) Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; stainless steel impeller and stainless steel inlet blower inlet casing.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

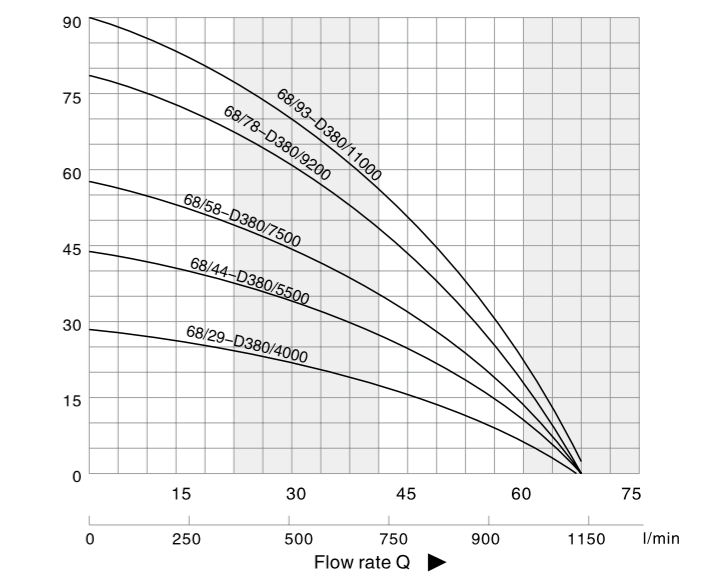
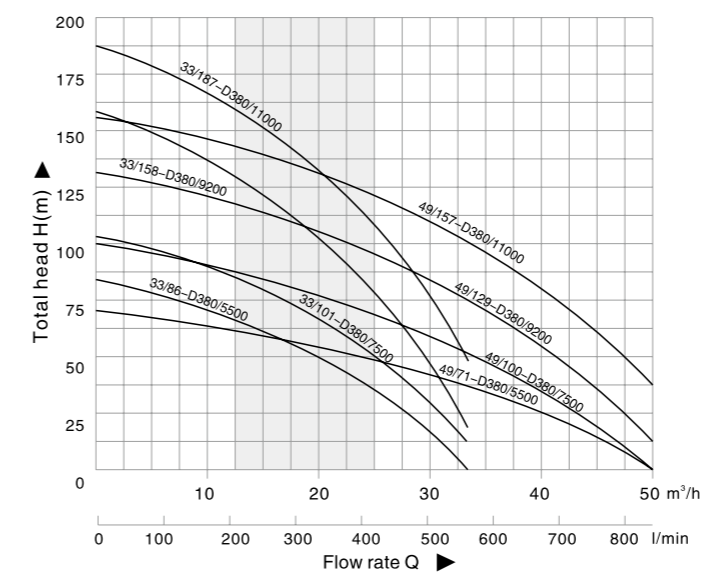
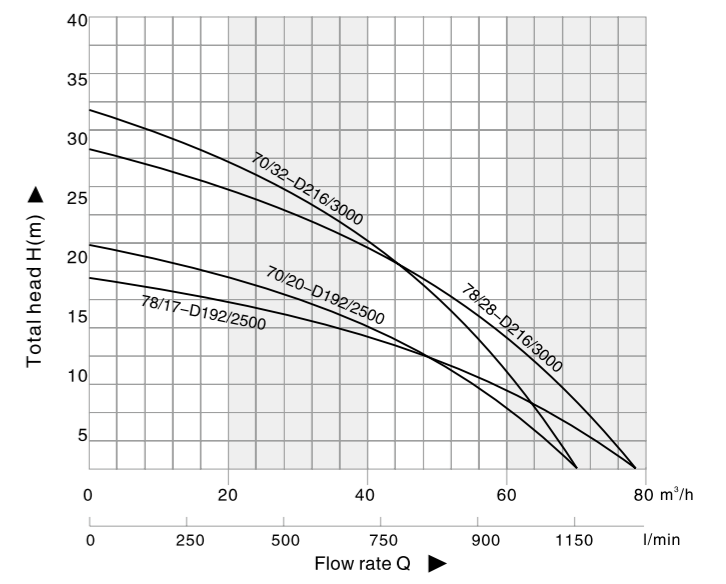
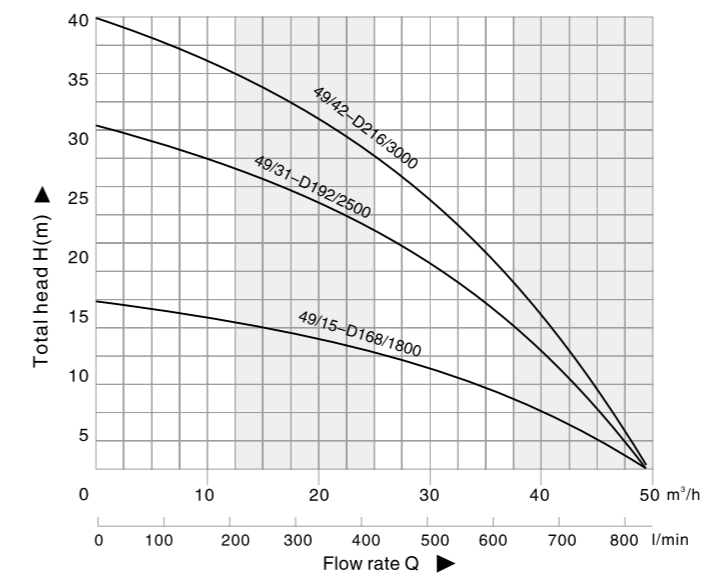
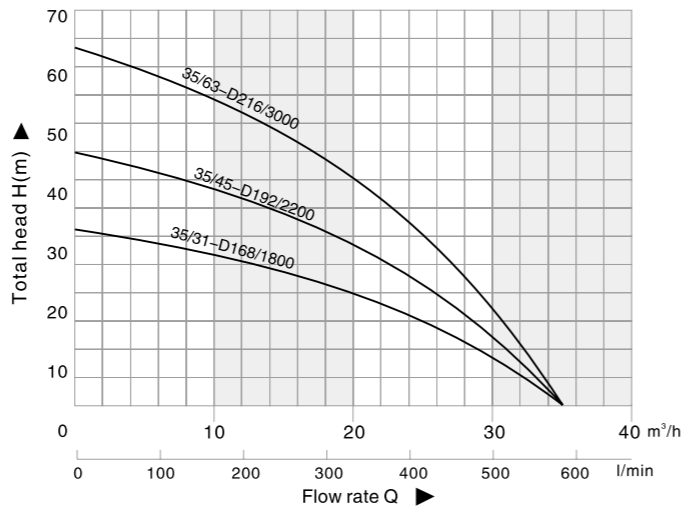
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
 - 2) Easy installation, maintenance-free, safe and reliable.
- Max Head:158m Max flow: 78m³/h

Application:

- 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition:

- 1) Non-corrosive water; the volume ratio of sand content no more than 3 %; particle size less than 1mm.
- 2) Max medium temperature up to +40°C ; PH value remains 5-10.
- 3) Work close to the rated head and must be immersed in water.



Motor Date

Model	Impeller	solar array voltage V	solar array power W	Max.flow m ³ /h	Max.head m	OUTLET INCH	Outer Dimension mm
6JTSC35/31-D216/1800	Centrifugal (Stainlesssteel)	288	2240	35	31	3"	150
6JTSC35/45-D216/2200		288	2880	35	45	3"	150
6JTSC35/63-D216/3000		288	3600	35	63	3"	150
6JTSC49/15-D216/1800		288	2240	49	15	3 1/4"	150
6JTSC49/31-D216/2500		288	3040	49	31	3 1/4"	150
6JTSC49/42-D216/3000		288	3600	49	42	3 1/4"	150
6JTSC70/20-D216/2500		288	3040	70	20	4"	150
6JTSC70/32-D216/3000		288	3600	70	32	4"	150
6JTSC78/17-D216/2500		288	3040	78	17	4"	150
6JTSC78/28-D216/3000		288	3600	78	28	4"	150

Motor Date

Model	Impeller	solar array voltage	solar array power	Max.flow	Max.head	OUTLET	Outer Dimension
		V	W	m ³ /h	m	INCH	mm
6JTSC33/86-D380/5500	Centrifugal (Stainlesssteel)	540	8250	33	86	3"	150
6JTSC33/101-D380/7500		540	11250	33	101	3"	150
6JTSC33/158-D380/9200		540	13800	33	158	3"	150
6JTSC33/187-D380/11000		540	16500	33	187	3"	150
6JTSC49/71-D380/5500		540	8250	49	71	3"	150
6JTSC49/100-D380/7500		540	11250	49	100	3"	150
6JTSC49/129-D380/9200		540	13800	49	129	3"	150
6JTSC49/157-D380/11000		540	16500	49	157	3"	150
6JTSC68/29-D380/4000		540	6000	68	29	4"	150
6JTSC68/44-D380/5500		540	8250	68	44	4"	150
6JTSC68/58-D380/7500		540	11250	68	58	4"	150
6JTSC68/78-D380/9200		540	13800	68	78	4"	150
6JTSC68/93-D380/11000		540	16500	68	93	4"	150

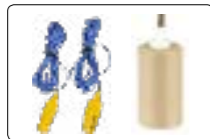


Solar panel

FREE ACCESSORIES



Cable connetor



Water level sensor

Product Feature:

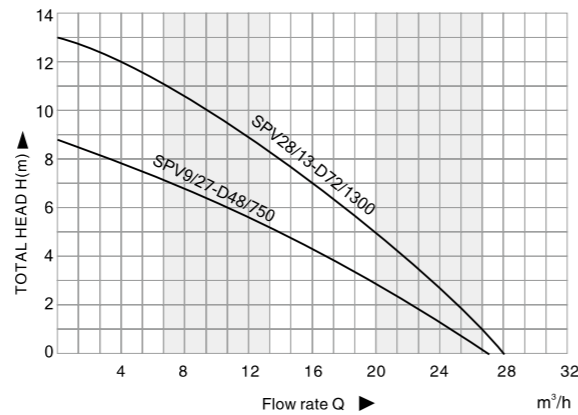
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

Application:

- 1) These electric pumps series are workable within maximum head,as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition:

- 1) Non-corrosive water; the volume ratio of sand content no more than 3‰ particle size less than 0.5mm.
- 2) Max medium temperature up to +40°C; PH value remains 5-10.
- 3) Work close to the rated head and must be immersed in water.



(Motor controller)



Solar panel

FREE ACCESSORIES



Cable connetor



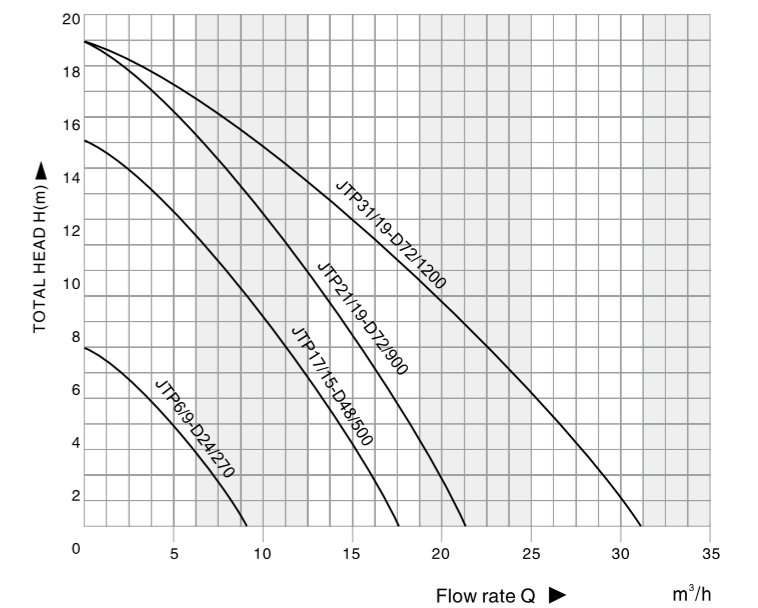
Water level sensor

MATERIAL OF PARTS:

- Outlet: plastic
- Pump body: plastic
- Motor body: Aluminium

ADVANCED TECHNOLOGY:

- 1.Application innovation
Compared with the traditional alternating current machine, the efficiency is improved 25% by the permanent magnetism, direct current, brushless, non-sensor motor.
- 2.Technics innovation
Adopt double plastic package for rotor and stator, motor insulation≥300MΩ, the motor security was much improved.
- 3.Structure innovation
Oil filling, convenient installation and environmental protection



Motor Date

Model	Impeller	solar array voltage V	solar array power W	Max.flow m³/h	Max.head m	OUTLET IN	G.W kg	Dimension mm
SPV8/11-D48/450	Iron	72	600	8	11	1"	15	320x200x500
SPV9/27-D48/750		72	960	9	27	2"	18	360x200x540
SPV28/13-D72/1300		108	1680	28	13	2"	20	420x220x560
SPV70/20-D216/2200		288	3040	70	20	3"	23	480x280x580
SPV70/35-D216/3000		288	3060	70	35	3"	25	480x280x620

Motor Date

Model	Impeller	solar array voltage V	solar array power W	Max.flow m³/h	Max.head m	Max.suct m	OUTLET IN	G.W kg	Dimension mm
JTP6/9-D24/270	Plastic	36	360	6	9	5	1.5"	9.5	570x290x390
JTP17/15-D48/500		72	660	17	15	5	2"	10	570x290x390
JTP21/19-D72/900		108	1360	21	19	5	2"	10.5	570x290x390
JTP31/19-D72/1200		108	1560	31	19	5	2.5"	13.5	670x310x450



96V-216V



24V-72V

(Motor controller)



Solar panel

FREE ACCESSORIES



Cable connetor



Water level sensor

◆ **Application Area:**

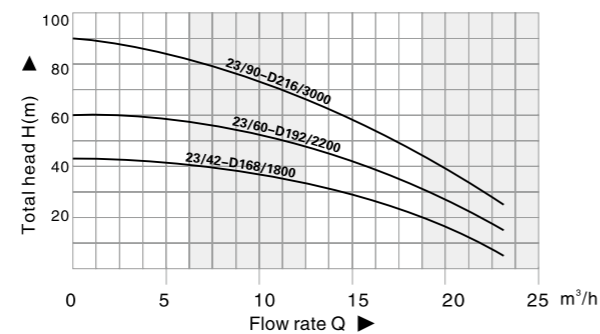
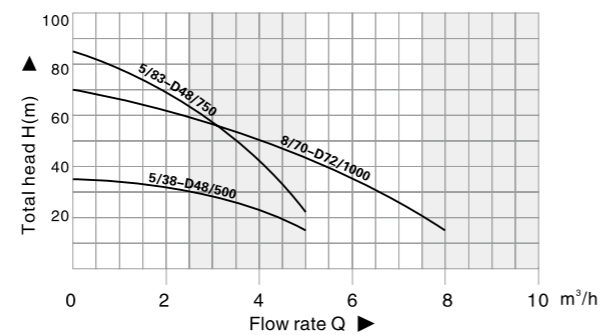
This project products are mainly used in dry region for irrigation of agriculture, It can be used for drinking water and living water. The living condition could be much improved. It also can be used for fountains.

◆ **Material Of Parts:**

Outlet: stainless steel
Pump body: stainless steel
Motor body: Aluminium

◆ **Advanced Technology:**

- 1.Application innovation
Compared with the traditional alternating current machine, the efficiency is improved 25% by the permanent magnetism, direct current, brushless, non-sensor motor.
- 2.Technics innovation
Adopt double plastic package for rotor and stator, motor insulation $\geq 300M\Omega$, the motor security was much improved.
- 3.Structure innovation
Oil filling, convenient installation and environmental protection



(Motor controller)



Solar panel

FREE ACCESSORIES



Cable connetor



Water level sensor

◆ **Product Feature:**

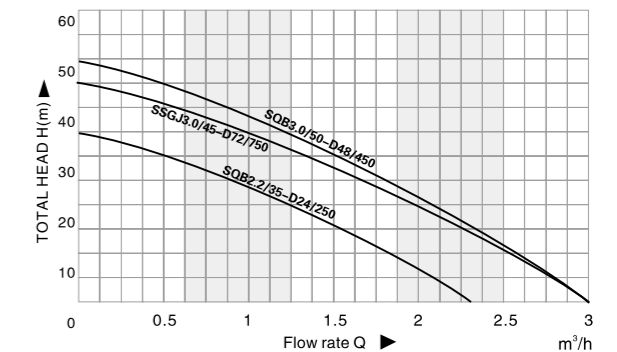
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

◆ **Application:**

- 1) These electric pumps series are workable within maximum head,as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

◆ **Working condition:**

- 1) Non-corrosive water; the volume ratio of sand content no more than 3‰ particle size less than 0.5mm.
- 2) Max medium temperature up to +40°C ; PH value remains 5-10.
- 3) Work close to the rated head and must be immersed in water.



Motor Date

Model	Impeller	solar array voltage		solar array power		Max.flow m³/h	Max.head m	Max.suct m	OUTLET IN	Dimension mm
		V	W	V	W					
JTCP(J)W5/38-D48/500	Plastic	72	660	5	38	5	38	8	1"x1"	390x210x300
JTCP(J)W5/83-D48/750		72	960	5	83	5	83	8	1"x1"	440x200x300
JTCPW8/70-D72/1000		108	1680	8	70	8	70	8	1.25"x1"	440x200x300
JTCP(J)7/116-D192/2200		288	3000	7	116	7	116	8	1"x1"	440x200x300
JTCPW23/42-D168/1800		252	2400	23	42	23	42	8	2"x2"	600x230x280
JTCPW23/60-D192/2200		288	3000	23	60	23	60	8	2"x2"	600x230x280
JTCPW23/90-D216/3000	324	4500	23	90	23	90	8	2"x2"	600x230x280	

Motor Date

Model	Impeller	solar array voltage		solar array power		Max.flow m³/h	Max.head m	OUTLET IN	G.W kg	Dimension mm
		V	W	V	W					
SQB2.2/35-D24/250	Brass	36	320	2.2	35	2.2	35	1"	7	265x135x230
SQB3.0/50-D48/450		72	600	3	50	3	50	1"	10.5	320x180x290
SQB4.0/55-D72/750		108	960	4	55	4	55	1"	12	320x180x290
SQB4.0/85-D72/1300		108	1680	4	85	4	85	1"	13	320x180x290
SQB6.0/140-D216/1800		324	2240	6	140	6	140	1.5"	14	395x205x290
SSGJ3.0/45-D72/750	Plastic	108	960	3	45	3	45	1"	15.5	395x205x305



◆ 技术数据 **Technical parameter:**

介质温度: 热水型 -15°C ~ +110°C
 系统承压: 10bar
 变频器: JT(SKD-67) 两相输入, 三相输出 (3KW 为 380V)
 Medium temperature: hot water (-15°C ~ +110°C)
 System pressure-bearing: 10bar
 Variable-frequency inverter: JT(SKD-67) two singles input, three singles output (3kw is for 380V)

◆ 应用范围 **Application places:**

公寓楼 别墅住宅 小型酒店 美容美发场所 洗浴桑拿会所
 冷却及空调系统 农用灌溉 化工
 Apartments, Villas, Smallhotels, Beauty salons, Bath
 sauna clubs, Cooling and air conditioner systems,
 Agricultural irrigation chemical industry

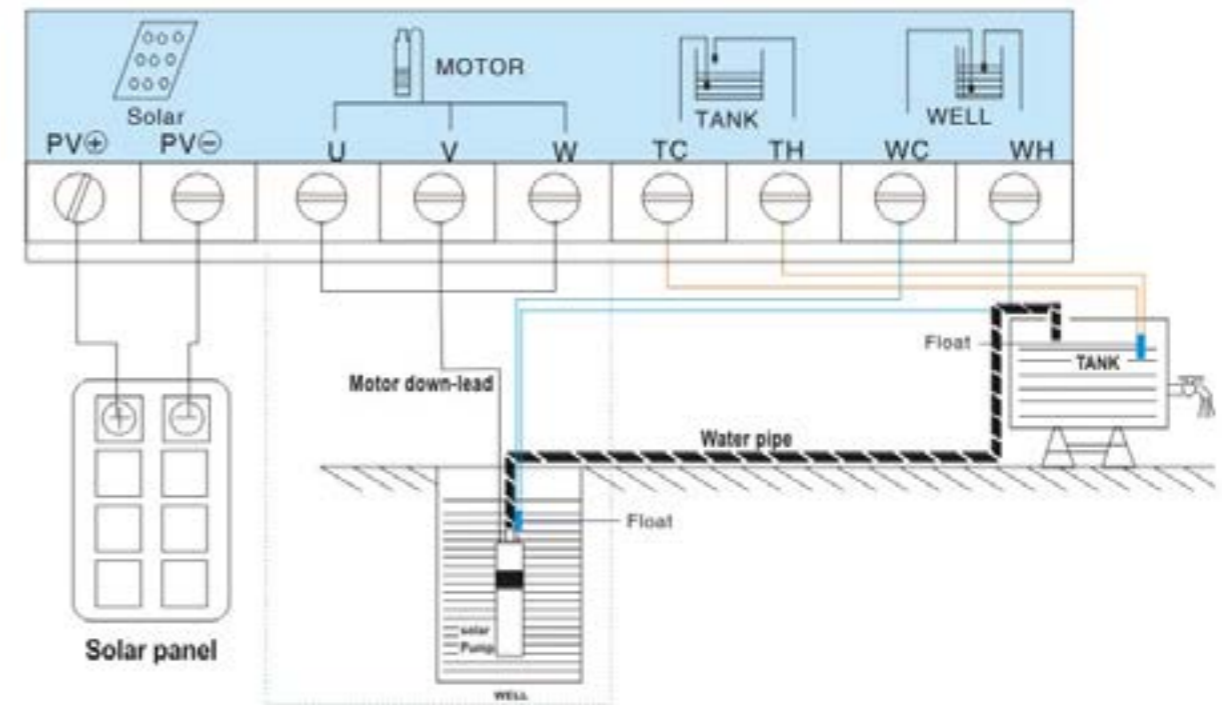
◆ 性能特点 **Performance features:**

恒压供水 变频节能 缺水保护
 保压停机 安装便捷 外形美观
 Werformance features
 Variabile-frequency and energy-saving
 Water-shortage protection
 Holding pressure down
 Convenient installation
 Perfect appearance

Motor Date

型号	功率	电压	流量 / 扬程 (最佳使用范围)		电缆线	出水口 寸	
	kW	V	M ³ /H/M	M ³ /H/M			
4JTGC4/110	2.2	AC220/DC290	3.3/120	4/110	6/100	4*2mm*2m	G1.25"
4JTGC6/120	2.2	AC380/DC540	4/130	6/120	7/90	4*2mm*2m	G1.25"
4JTGC10/50	2.2	AC220/DC290	7.2/60	10/50	11.5/40	4*2mm*2m	G1.5"
4JTGC8-50	2.2	AC220/DC290	10/40	8/50	6/60	4*2mm*2m	G1.5"
4JTGC18/30	2.2	AC220/DC290	12/40	18/30	22/20	4*2mm*2m	G2"
6JTGC30-18	2.2	AC220/DC290	10/35	30/18	20/25	4*2mm*2m	G3"
4JTGC6/140	3	AC380/DC540	4/165	6/140	7/120	4*2.5mm*2m	G1.25"
4JTGC7/100	3	AC380/DC540	5/120	7/100	8/60	4*2.5mm*2m	G1.25"
4JTGC10/60	3	AC220/DC290	7/70	10/60	11/45	4*2.5mm*2m	G1.5"
4JTGC10/80	3	AC380/DC540	8.5/90	10/80	10.8/60	4*2.5mm*2m	G1.5"
4JTGC20/45	3	AC380/DC540	12/60	18/50	20/45	4*2.5mm*2m	G2"
4JTGC20-60	4	AC380/DC540	22/42	20/60	16/70	4*2.5mm*2m	G2"
6JTGC30-42	4	AC380/DC540	25/50	30/42	40/30	4*2.5mm*2m	G3"
4JTGC7/180	5.5	AC380/DC540	5/210	7/180	8/155	4*2.5mm*2m	G1.25"
4JTGC10/122	5.5	AC380/DC540	11/100	10/122	8/140	4*2.5mm*2m	G1.5"
4JTGC12/80	5.5	AC380/DC540	11/50	12/80	8/120	4*2.5mm*2m	G1.5"
6JTGC20/80	5.5	AC380/DC540	12/100	20/80	22/60	4*2.5mm*2m	G2"
6JTGC30/52	5.5	AC380/DC540	20/60	30/52	40/35	4*2.5mm*2m	G3"
4JTGC6-220	7.5	AC380/DC540	4/260	6/220	7/180	4*2.5mm*2m	G1.25"
4JTGC8-165	7.5	AC380/DC540	6/190	8/165	9/130	4*2.5mm*2m	G1.5"
6JTGC20/100	7.5	AC380/DC540	16/130	20/100	22/76	4*2.5mm*2m	G2"
6JTGC35-60	7.5	AC380/DC540	30/67	35/60	40/50	4*2.5mm*2m	G3"
6JTGC50-45	11	AC380/DC540	60/30	50/45	35/60	4*4mm*2m	G4"
6JTGC70-45	15	AC380/DC540	90/30	70/45	50/60	4*4mm*2m	G4"
6JTGC25/130	15	AC380/DC540	35/100	25/130	20/155	4*4mm*2m	G4"
6JTGC70-55	18.5	AC380/DC540	90/40	70/55	50/80	4*6mm*2m	G4"
6JTGC50-90	22	AC380/DC540	60/60	50/90	35/115	4*6mm*2m	G4"
6JTGC25-180	22	AC380/DC540	35/145	25/180	20/200	4*6mm*2m	G4"
6JTGC25-250	30	AC380/DC540	35/180	25/250	20/270	4*6mm*2m	G4"
6JTGC40-150	30	AC380/DC540	50/120	40/150	30/160	4*6mm*2m	G4"
6JTGC25-300	37	AC380/DC540	35/240	25/300	20/340	4*6mm*2m	G4"
6JTGC70-110	37	AC380/DC540	90/90	70/110	50/120	4*6mm*2m	G4"

NO BATTERY INSTRUCION FOR CHARGEABLE PUMP CONTROLLER (for24V-216V)



B.The wiring diagram below is for pump controllers(24V,36V,48V) with battery function

