

**PRODUCT
PICTURE ALBUM**

Intelligent
Variable-frequency Pump
Enjoy living, love water



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ABOUT US

MINGYUAN

ZHEJIANG MINGYUAN PUMP CO., LTD is a dynamic and innovative enterprise specializing in the integrated design, manufacturing, sales, and service of high-performance motors and water pumps. As a leading exporter of pumping solutions in Zhejiang Province, we have built a strong reputation for quality and innovation.

With years of expertise, we produce an extensive range of products including DC solar deep well pumps, solar surface pumps, solar submersible pumps, gasoline water pumps, AC vortex pumps, jet pumps, centrifugal pumps, self-priming pumps, submersible pumps, and YC/MC motors. Our manufacturing excellence is supported by state-of-the-art facilities such as fully automated computer-controlled testing systems, precision processing machinery, robotic painting lines, and modern assembly operations.

Our products are known for their wide range of specifications, innovative design, premium materials, and advanced manufacturing techniques. They deliver outstanding performance, exceptional reliability, and long-lasting durability, earning consistent acclaim from customers worldwide. We successfully market our products across more than 20 provinces in China and export to over 60 countries and regions, including the Middle East, Southeast Asia, South America, North America, and Africa. Our commitment to quality is validated by internationally recognized certifications including ISO 9001, CE, CSA, and TUV.

We are driven by the core belief that technological innovation powers progress. By prioritizing product quality and continuously advancing through R&D, we expand into new markets and evolve in step with global demand. Our mission is to deliver superior pumping solutions and become a world-class enterprise trusted by customers everywhere.



CATALOGUE

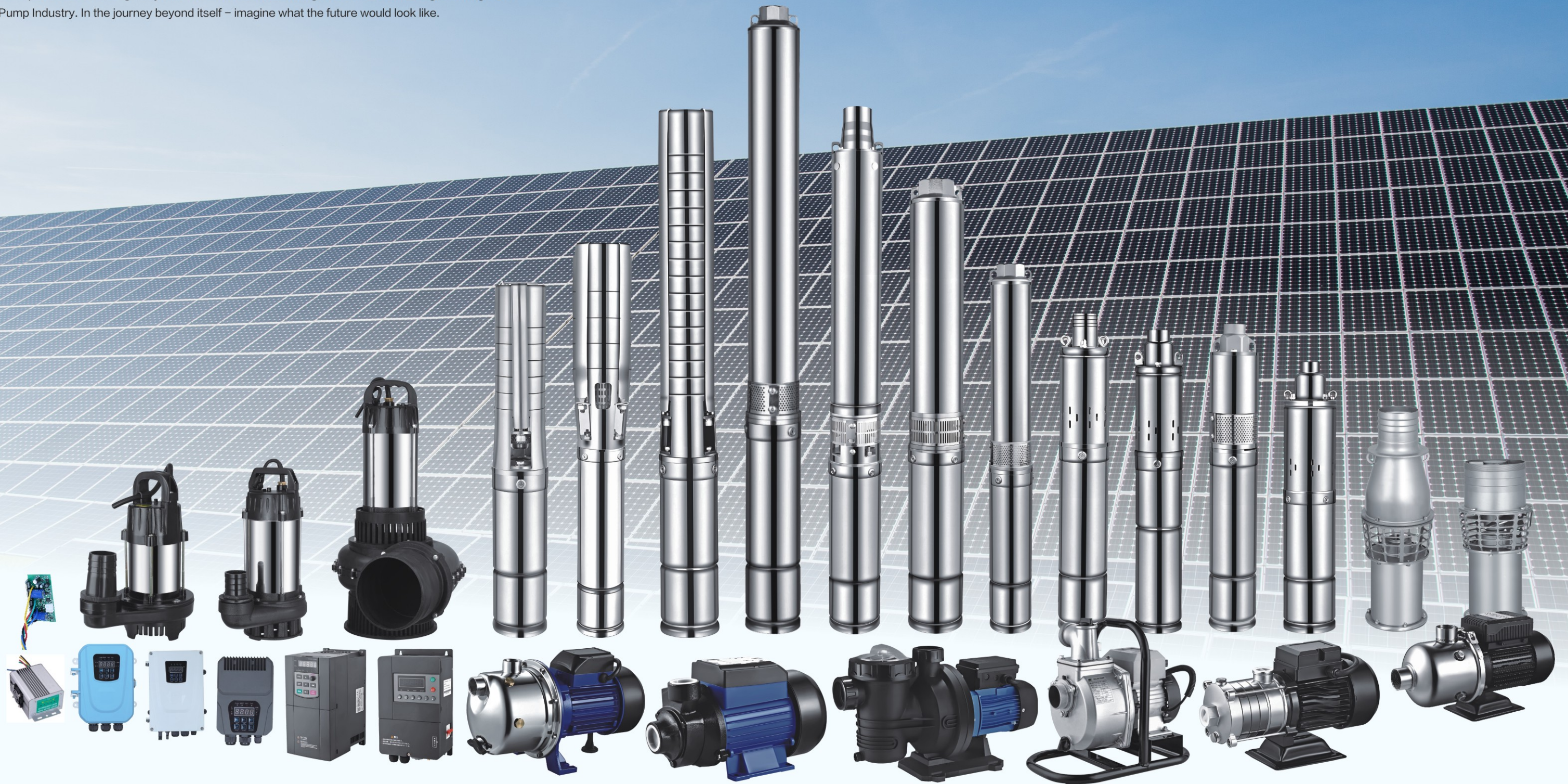
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Solar Water Pump

The world is moved by technology and the future moves by ideals.

The advancement of science and technology carries the ideals of time.

Each product is a moving story with the innovation of thinking condenses the feelings of MingYuan Pump Industry. In the journey beyond itself – imagine what the future would look like.



3S(T) SOLAR PUMP

Profile:

Adopt 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; Stainless steel connection, base; High strength screw and Rubber oil seal.
- 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.

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.

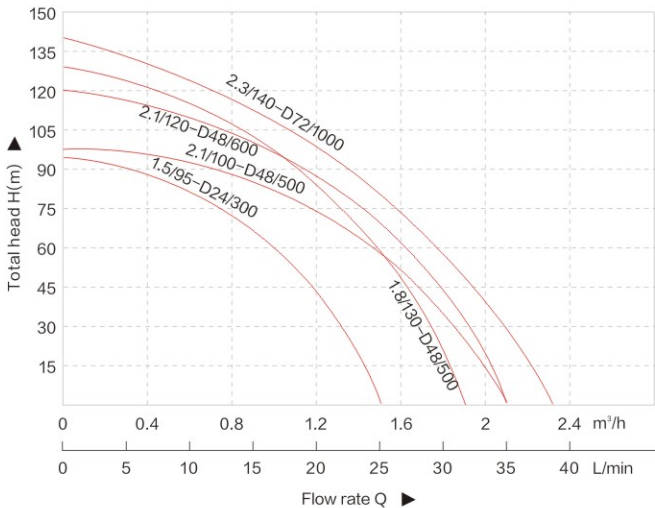
Working condition:

- 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 controller)

Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
3S(T)1.5/95-D24/300	Screw	36	450	30-48	1.5	95	0.75"	<60V
3S(T)1.8/130-D48/500	Screw	72	750	60-90	2.3	80	0.75"	<120V
3S(T)2.1/100-D48/500	Screw	72	750	60-90	2.1	100	0.75"	<120V
3S(T)2.1/120-D48/600	Screw	72	900	60-90	2.1	120	0.75"	<120V
3S(T)2.3/120-D72/800	Screw	108	1500	90-120	2.3	120	0.75"	<170V
3S(T)2.3/140-D72/1000	Screw	108	1950	90-120	2.3	140	0.75"	<170V

4S(T) SOLAR PUMP



Profile:

Adopt 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; Stainless steel connection, base; High strength screw and Rubber oil seal.
- 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.

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.

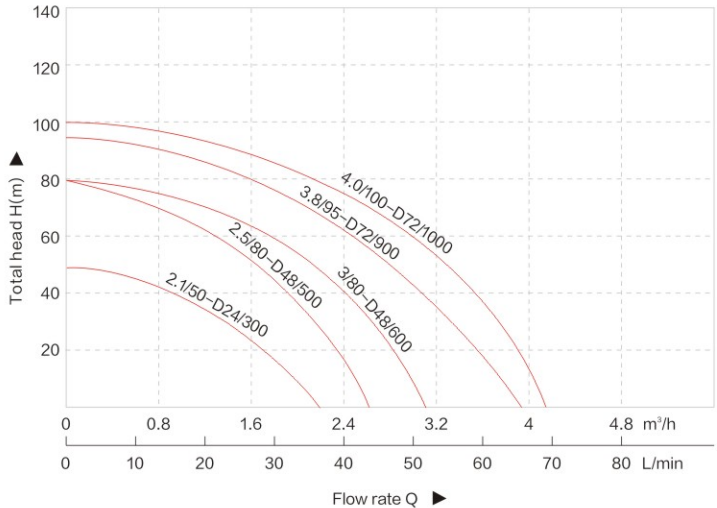
Working condition:

- 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 controller)

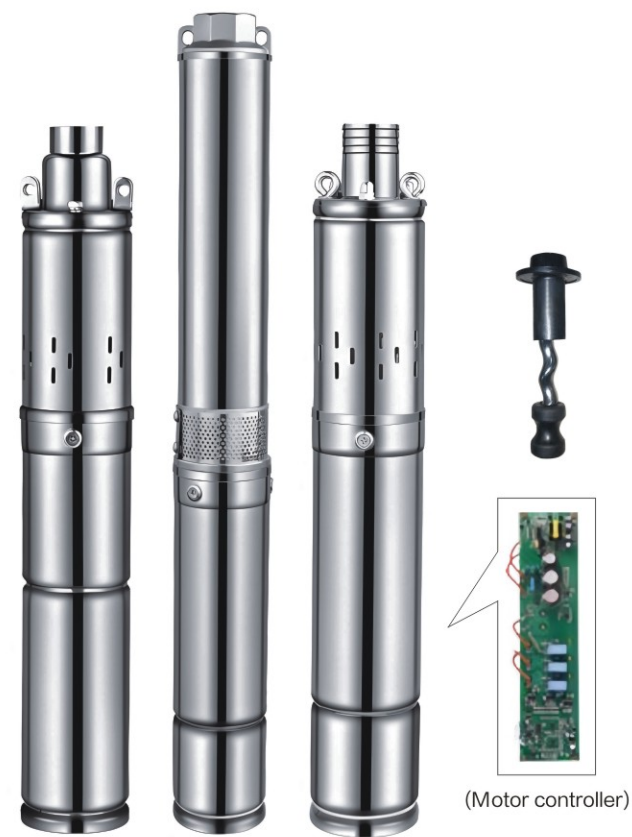
Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
4S(T)2.1/50-D24/300	Screw	36	450	30-48	2.1	50	1"	<60V
4S(T)2.5/80-D48/500	Screw	72	750	60-90	2.5	80	1"	<120V
4S(T)3/80-D48/600	Screw	72	900	60-90	3.6	80	1"	<120V
4S(T)3.8/95-D72/900	Screw	108	1350	90-120	3.8	95	1"	<170V
4S(T)4.0/100-D72/1000	Screw	108	1500	90-120	4	100	1"	<170V

3SN SOLAR PUMP



Profile:

Adopt 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; Stainless steel connection, base; High strength screw and Rubber oil seal.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

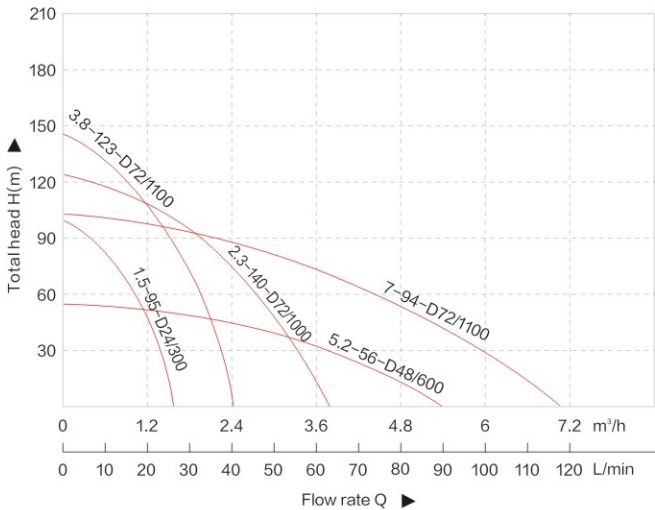
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow. Overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

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.



Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
3SN1.5/95-D24/300	Screw	36	450	30-48	1.5	95	0.75"	<60V
3SN1.8/120-D48/500		72	800	60-90	1.8	120	0.75"	<120V
3SN2.3/140-D72/1000		108	1500	90-120	2.3	140	0.75"	<170V
3SN5-36-D24/300	Centrifugal (ppo)	36	450	30-48	5	36	1.25"	<60V
3SN5.2-56-D48/600		72	900	60-90	5.2	56	1.25"	<120V
3SN3.8-123-D72/1100		108	1650	90-120	5.8	100	1.25"	<170V
3SN7-94-D72/1100		108	1650	90-120	9	94	1.5"	<170V
4SN15-45-D72/950		108	1425	90-120	15	45	2"	<170V

3TS SOLAR PUMP



Profile:

Adopt 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; Stainless steel connection, base; High strength PPO impeller and Rubber oil seal.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

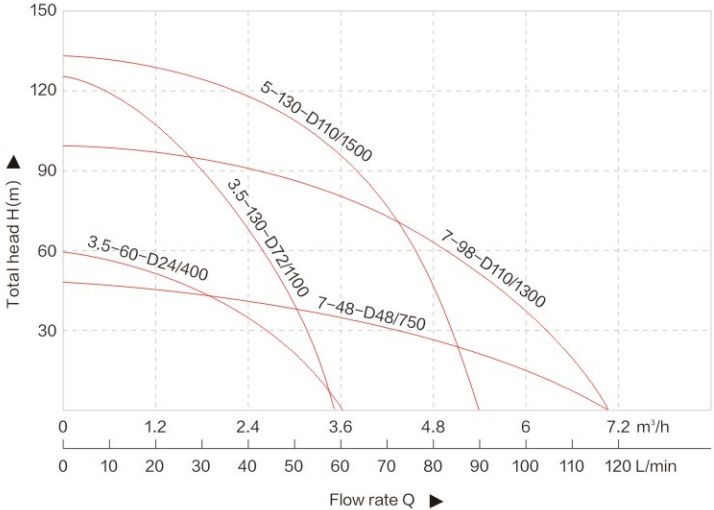
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow. Overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

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.



Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
3TS3.5-60-D24/400	Centrifugal (ppo)	36	550	30-48	3.5	60	1.25"	<60V
3TS7-48-D48/750		72	1100	60-90	7	48	1.5"	<120V
3TS3.5-130-D72/1100		108	1500	90-120	3.5	130	1.25"	<170V
3TS7-80-D110/1100		144	1500	90-120	7	80	1.5"	<210V
3TS3.5-150-D110/1300		144	1900	110-150	3.5	150	1.25"	<210V
3TS7-98-D110/1300		144	1900	110-150	7	98	1.5"	<210V
3TS3.5-175-D110/1500		144	2200	110-150	3.5	175	1.25"	<210V
3TS5-130-D110/1500		144	2200	110-150	5	130	1.25"	<210V

3TS SOLAR PUMP



Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
3TS3.2-80-AC220/DC72/650-AD	Centrifugal (ppo)	108	975	90-120	3.2	80	1.25"	<450V
3TS3.5-95-AC220/DC72-750-AD		108	1125	90-120	3.5	95	1.25"	<450V
3TS3.5-125-AC220/DC72/1100-AD		108	1650	90-120	3.5	125	1.25"	<450V
3TS7-80-AC220/DC72/1100-AD		144	1650	110-150	7	80	1.5"	<450V
3TS3.5-125-AC220/DC110/1100-AD		108	1650	90-120	3.5	125	1.25"	<450V
3TS3.5-150-AC220/DC110/1300-AD		144	1950	110-150	3.5	150	1.25"	<450V
3TS3.5-175-AC220/DC110/1500-AD	Centrifugal (ppo)	144	2250	110-150	3.5	175	1.25"	<450V
3TS6-125-AC220/DC110/1500-AD		144	2250	180-324	6	125	1.5"	<450V
3TS4.5-180-AC220/DC180/1800-AD		288	2700	180-324	4.5	180	1.25"	<450V
3TS7-135-AC220/DC180/1800-AD		288	2700	180-324	7	135	1.5"	<450V
3TS3.8-230-AC220/DC220/2200-AD		288	3300	180-324	3.5	230	1.25"	<450V
3TS5.5-200-AC220/DC220/2200-AD		288	3300	180-324	5.5	200	1.25"	<450V
3TS5.5-235-AC220/DC220/2500-AD		288	3750	180-324	5.5	255	1.25"	<450V
3TS7-180-AC220/DC220/2500-AD		288	3750	180-324	7	180	1.5"	<450V

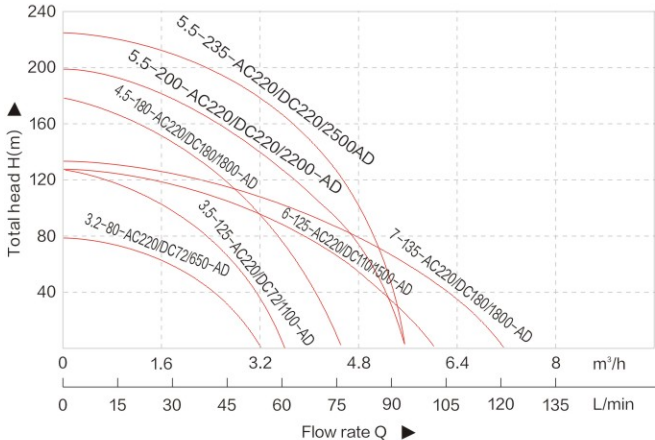
Profile: Adopt stainless steel screw and rubber stator, permanent magnet brushless motor. With combination of motor and controller, the max efficiency is over 85%, raises 25% than the traditional AC one.

Material: 1) Stainless steel casing, shaft core, coupling and pump body; Stainless steel connection, base; High strength PPO impeller and Rubber oil seal. 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.

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℃; PH value remains 6.5-8.5. 3) Work close to the rated head and must be immersed in water.



4TS SOLAR PUMP



Profile: Adopt 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; Stainless steel connection, base; High strength PPO impeller and Rubber oil seal. 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.

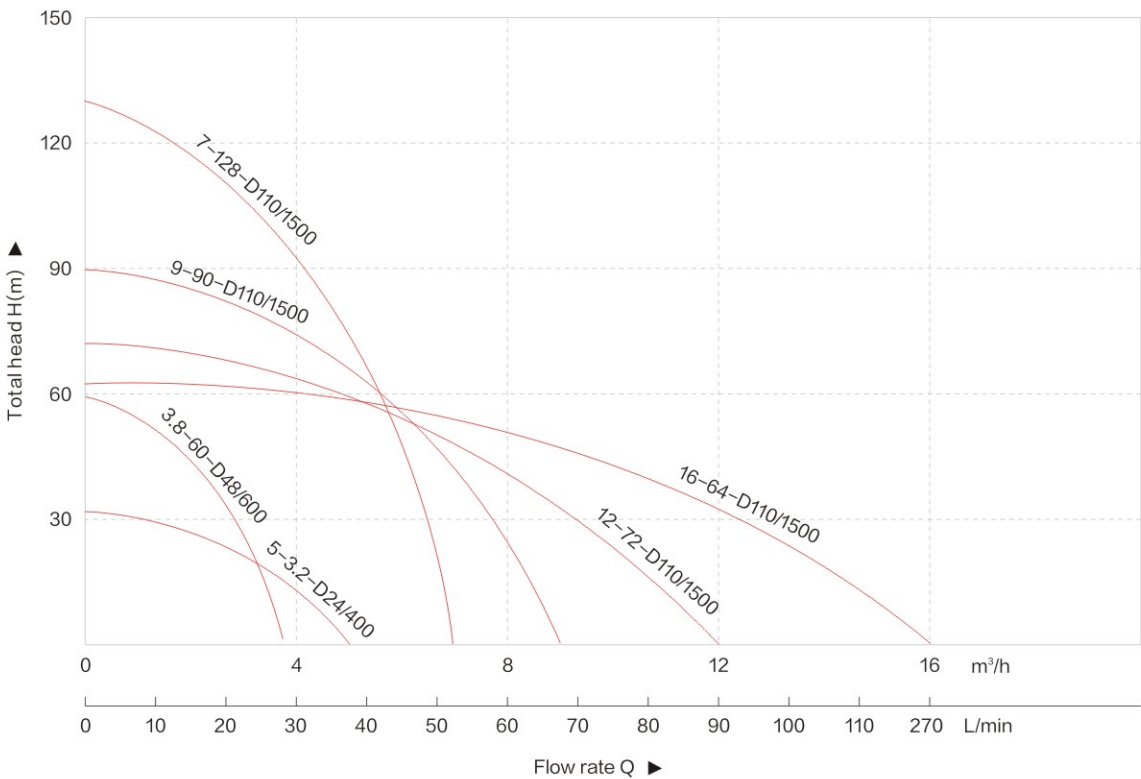
Application: 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture pumping 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℃; PH value remains 6.5-8.5. 3) Work close to the rated head and must be immersed in water.



Free Accessories





Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open circuit voltage
		V	W	DC	m³/h	m	IN	VOC
4TS5-3.2-D24/400	Centrifugal (ppo)	36	550	60-90	5	32	1.25"	<120V
4TS3.8-60-D48/600		72	900	60-90	3.8	60	1.25"	<120V
4TS3.8-95-D48/750		72	1100	60-90	3.8	95	1.25"	<120V
4TS12-40-D48/750		72	1100	60-90	12	40	2"	<120V
4TS3.8-95-D72/750		108	1100	60-90	3.8	95	1.25"	<170V
4TS12-40-D72/750		108	1100	60-90	12	40	2"	<170V
4TS3.8-135-D72/1100		108	1500	90-120	3.5	140	1.25"	<170V
4TS5-105-D72/1100		108	1500	90-120	5	105	1.25"	<170V
4TS16-42-D72/1100		108	1500	90-120	16	42	2"	<170V
4TS3.8-135-D110/1100		144	1500	90-120	3.5	140	1.25"	<210V
4TS9-60-D110/1100		144	1500	90-120	9	60	1.5"	<210V
4TS3.8-155-D110/1300		144	2025	110-150	3.8	155	1.25"	<210V
4TS5-135-D110/1300		144	2025	110-150	5	135	1.25"	<210V
4TS7-110-D110/1300		144	2025	110-150	7	110	1.5"	<210V
4TS16-52-D110/1300		144	2025	110-150	16	52	2"	<210V
4TS30-22-D110/1300		144	2025	110-150	30	22	2"	<210V
4TS3.8-180-D110/1500		144	2250	110-150	3.8	180	1.25"	<210V
4TS7-128-D110/1500		144	2250	110-150	7	128	1.5"	<210V
4TS9-90-D110/1500		144	2250	110-150	9	90	1.5"	<210V
4TS12-72-D110/1500		144	2250	110-150	12	72	2"	<210V
4TS16-64-D110/1500		144	2250	110-150	16	64	2"	<210V



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; Stainless steel connection, base; High strength PPO impeller and Rubber oil seal.
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.
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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.

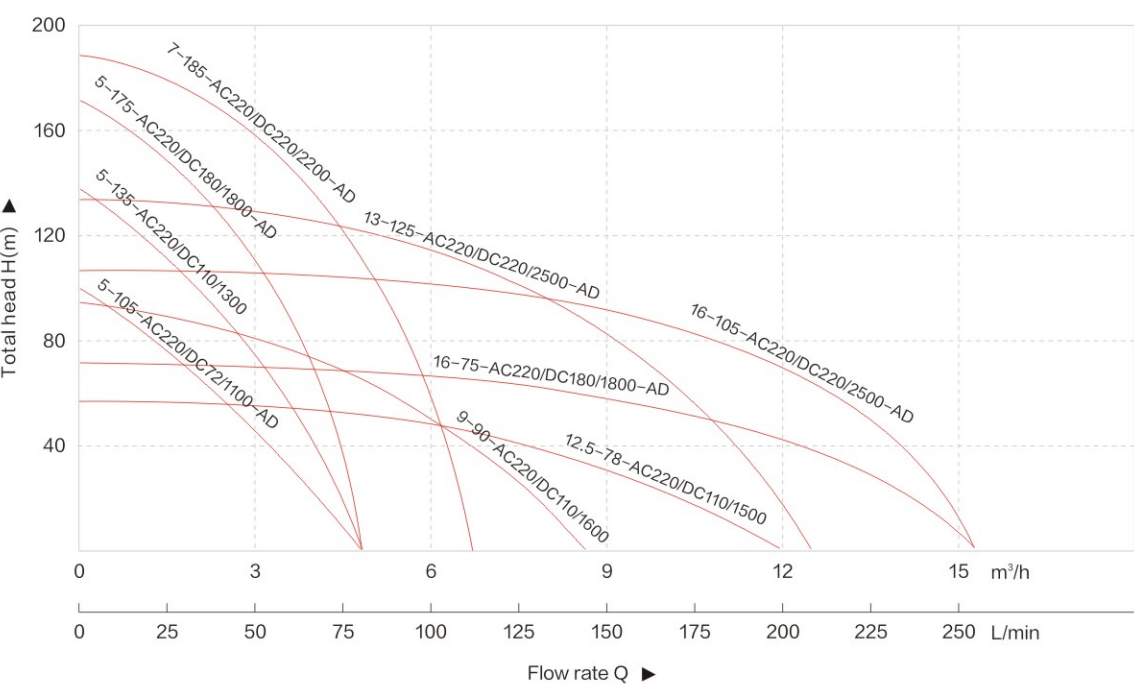


(Motor controller)
AC/DC 48V-288V

Free Accessories



4TS SOLAR PUMP



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
4TS3.8-95-AC220/DC72/750-AD	Centrifugal (ppo)	108	1125	90-120	3.8	95	1.25"	<450V
4TS7-55-AC220/DC72/750-AD		108	1125	90-120	7	55	1.5"	<450V
4TS12-40-AC220/DC72/750-AD		108	1125	90-120	12	40	2"	<450V
4TS3.8-135-AC220/DC72/1100-AD		108	1650	90-120	3.8	135	1.25"	<450V
4TS5-105-AC220/DC72/1100-AD		108	1650	90-120	5	105	1.25"	<450V
4TS9-60-AC220/DC72/1100-AD		108	1650	90-120	9	60	2"	<450V
4TS5-135-AC220/DC110/1300-AD		144	1950	110-150	5	135	1.25"	<450V
4TS7-110-AC220/DC110/1300-AD		144	1950	110-150	7	110	1.5"	<450V
4TS5-155-AC220/DC110/1500-AD		144	2250	110-150	5	155	1.25"	<450V
4TS7-125-AC220/DC110/1500-AD		144	2250	110-150	7	125	1.5"	<450V
4TS9-90-AC220/DC110/1500-AD		144	2250	110-150	9	90	2"	<450V
4TS12.5-78-AC220/DC110/1500-AD		144	2250	110-150	12.5	78	2"	<450V
4TS3.8-214-AC220/DC180/1800-AD		288	2700	180-324	3.8	214	1.25"	<450V
4TS5-175-AC220/DC180/1800-AD		288	2700	180-324	5	175	1.25"	<450V
4TS7-158-AC220/DC180/1800-AD		288	2700	180-324	7	158	1.25"	<450V
4TS9-110-AC220/DC180/1800-AD		288	2700	180-324	9	110	1.5"	<450V
4TS16-75-AC220/DC180/1800-AD		288	2700	180-324	16	75	2"	<450V
4TS3.8-245-AC220/DC220/2200-AD		288	3300	180-324	3.8	245	1.25"	<450V
4TS5-205-AC220/DC220/2200-AD		288	3300	180-324	5	205	1.25"	<450V
4TS7-185-AC220/DC220/2200-AD		288	3300	180-324	7	185	1.25"	<450V
4TS9-135-AC220/DC220/2200-AD		288	3300	180-324	9	135	1.25"	<450V
4TS13-110-AC220/DC220/2200-AD		288	3300	180-324	13	110	2"	<450V
4TS5-252-AC220/DC220/2500-AD		288	3750	180-324	5	252	1.25"	<450V
4TS6.5-220-AC220/DC220/2500-AD		288	3750	180-324	6.5	220	1.25"	<450V
4TS9-160-AC220/DC220/2500-AD		288	3750	180-324	9	160	2"	<450V
4TS13-125-AC220/DC220/2500-AD		288	3750	180-324	13	125	2"	<450V
4TS16-105-AC220/DC220/2500-AD		288	3750	180-324	16	105	2"	<450V
4TS38-40-AC220/DC220/2500-AD		288	3750	180-324	38	40	3"	<450V

4TS SOLAR PUMP



Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
4TS7-235-AC380/DC540/3000-AD	Centrifugal (ppo)	540	4500	480-620	7	235	1.5"	<800V
4TS9.5-195-AC380/DC540/3000-AD		540	4500	480-620	9.5	195	2"	<800V
4TS12-176-AC380/DC540/3000-AD		540	4500	480-620	12	176	2"	<800V
4TS17-120-AC380/DC540/3000-AD		540	4500	480-620	17	120	2"	<800V
4TS21-80-AC380/DC540/3000-AD		540	4500	480-620	21	80	2"	<800V
4TS25-65-AC380/DC540/3000-AD		540	4500	480-620	30	60	2"	<800V
4TS30-53-AC380/DC540/3000-AD		540	4500	480-620	30	53	2"	<800V
4TS39-45-AC380/DC540/3000-AD		540	4500	480-620	39	53	2"	<800V
4TS7-300-AC380/DC540/4000-AD		540	6000	480-620	7	300	1.5"	<800V
4TS9.5-252-AC380/DC540/4000-AD		540	6000	480-620	9.5	252	2"	<800V
4TS12-215-AC380/DC540/4000-AD		540	6000	480-620	12	215	2"	<800V
4TS17-160-AC380/DC540/4000-AD		540	6000	480-620	17	160	2"	<800V
4TS21-115-AC380/DC540/4000-AD		540	6000	480-620	21	115	2"	<800V
4TS24-90-AC380/DC540/4000-AD		540	6000	480-620	24	90	2"	<800V
4TS32-70-AC380/DC540/4000-AD		540	6000	480-620	32	70	2"	<800V
4TS39-63-AC380/DC540/4000-AD		540	6000	480-620	39	63	3"	<800V

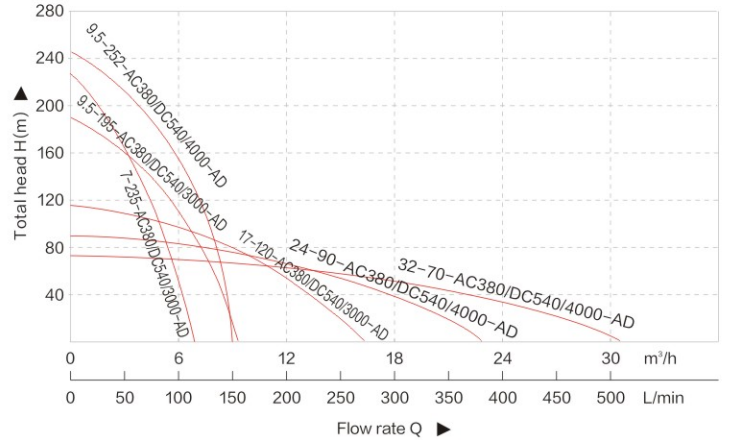
Profile: Adopt stainless steel screw and rubber stator, permanent magnet brushless motor. With combination of motor and controller, the max efficiency is over 85%,raises 25% than the traditional AC one.

Material: 1) Stainless steel casing, shaft core, coupling and pump body; Stainless steel connection, base; High strength PPO impeller and Rubber oil seal. 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.

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.



4GC SOLAR PUMP

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; Stainless steel connection, base; High strength PPO impeller and Rubber oil seal.
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.
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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.

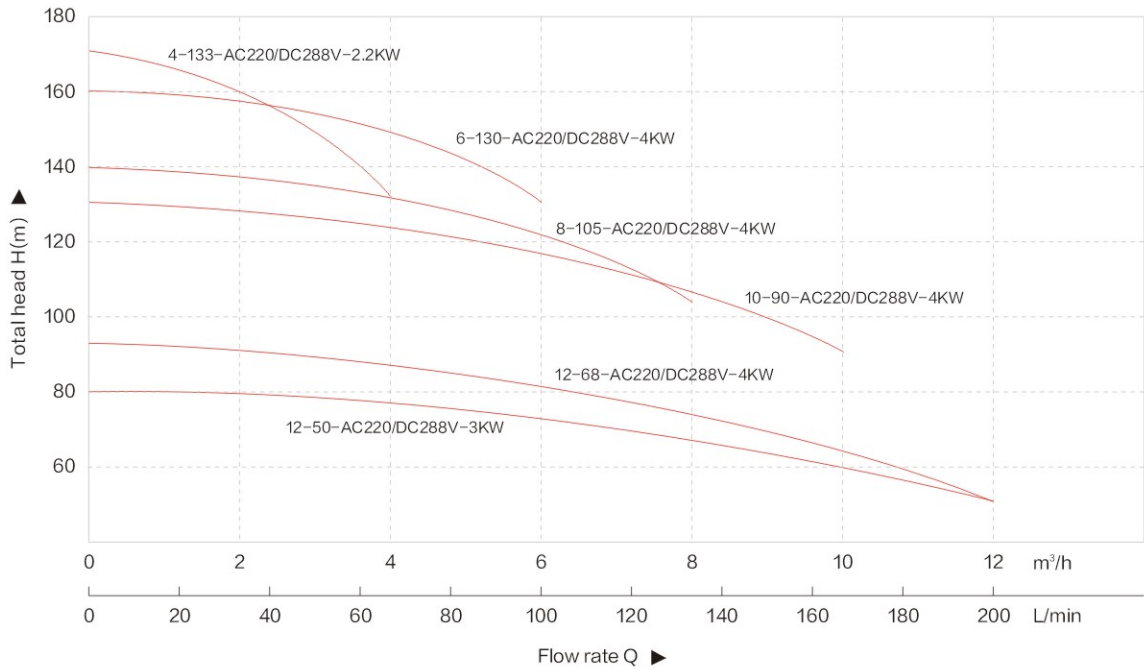
Working condition:
1) Non-corrosive water; the volume ratio of sand content no more than 1% particle size less than 0.2mm.
2) Max medium temperature up to +40°C; PH value remains 6.5-8.5.
3) Work close to the rated head and must be immersed in water.



Free Accessories



4GC SOLAR PUMP



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Rated flow	Rated head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
4GC2-100-AC220/DC288V-1.1KW	Centrifugal (ppo)	288	1980	180-324	2	100	1.25"	<450V
4GC3-82-AC220/DC288V-1.1KW		288	1980	180-324	3	82	1.25"	<450V
4GC4-66-AC220/DC288V-1.1KW		288	1980	180-324	4	66	1.25"	<450V
4GC6-40-AC220/DC288V-1.1KW		288	1980	180-324	6	40	1.25"	<450V
4GC2-150-AC220/DC288V-1.5KW		288	2700	180-324	2	150	1.25"	<450V
4GC3-105-AC220/DC288V-1.5KW		288	2700	180-324	3	105	1.25"	<450V
4GC4-90-AC220/DC288V-1.5KW		288	2700	180-324	4	90	1.25"	<450V
4GC6-55-AC220/DC288V-1.5KW		288	2700	180-324	6	55	1.25"	<450V
4GC2-220-AC220/DC288V-2.2KW		288	3960	180-324	2	220	1.25"	<450V
4GC3-150-AC220/DC288V-2.2KW		288	3960	180-324	3	150	1.25"	<450V
4GC4-133-AC220/DC288V-2.2KW		288	3960	180-324	4	133	1.25"	<450V
4GC6-90-AC220/DC288V-2.2KW		288	3960	180-324	6	90	1.25"	<450V
4GC8-66-AC220/DC288V-2.2KW		288	3960	180-324	8	66	1.5"	<450V
4GC10-55-AC220/DC288V-2.2KW		288	3960	180-324	10	55	1.5"	<450V
4GC12-42-AC220/DC288V-2.2KW		288	3960	180-324	12	42	1.5"	<450V
4GC2-245-AC220/DC288V-3KW		288	5400	180-324	2	245	1.5"	<450V
4GC3-185-AC220/DC288V-3KW		288	5400	180-324	3	185	1.25"	<450V
4GC4-150-AC220/DC288V-3KW		288	5400	180-324	4	150	1.25"	<450V
4GC6-105-AC220/DC288V-3KW		288	5400	180-324	6	105	1.25"	<450V
4GC8-80-AC220/DC288V-3KW		288	5400	180-324	8	80	1.5"	<450V
4GC10-65-AC220/DC288V-3KW		288	5400	180-324	10	65	1.5"	<450V
4GC12-50-AC220/DC288V-3KW		288	5400	180-324	12	50	1.5"	<450V
4GC2-330-AC220/DC288V-4KW		288	7200	180-324	2	330	1.25"	<450V
44GC3-280-AC220/DC288V-4KW		288	7200	180-324	3	280	1.25"	<450V
4GC4-170-AC220/DC288V-4KW		288	7200	180-324	4	170	1.25"	<450V
4GC6-130-AC220/DC288V-4KW		288	7200	180-324	6	130	1.25"	<450V
4GC8-105-AC220/DC288V-4KW		288	7200	180-324	8	105	1.5"	<450V
4GC10-90-AC220/DC288V-4KW		288	7200	180-324	10	90	1.5"	<450V
4GC12-68-AC220/DC288V-4KW		288	7200	180-324	12	68	1.5"	<450V

4GC SOLAR PUMP

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; Stainless steel connection, base; High strength PPO impeller and Rubber oil seal.
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.

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.

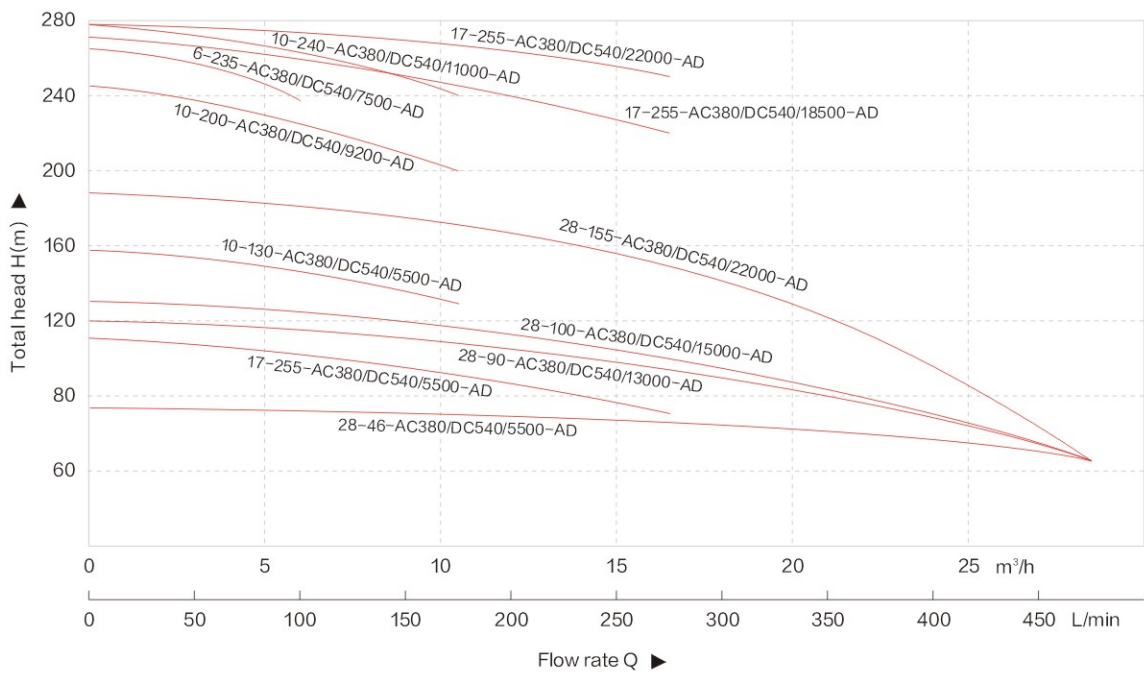
Working condition:
1) Non-corrosive water; the volume ratio of sand content no more than 1% particle size less than 0.2mm.
2) Max medium temperature up to +40°C; PH value remains 6.5-8.5.
3) Work close to the rated head and must be immersed in water.



Free Accessories



4GC SOLAR PUMP



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Rated flow	Rated head	Outlet	Open circuit voltage
		V	W	DC	m³/h	m	IN	VOC
4GC6-180-AC380/DC540/5500-AD	Centrifugal (ppo)	540	9900	480-620	6	180	1.5"	<800V
4GC10-130-AC380/DC540/5500-AD		540	9900	480-620	10	130	2"	<800V
4GC17-75-AC380/DC540/5500-AD		540	9900	480-620	20	75	2"	<800V
4GC28-46-AC380/DC540/5500-AD		540	9900	480-620	30	46	3"	<800V
4GC6-235-AC380/DC540/7500-AD		540	13500	480-620	6	235	1.5"	<800V
4GC10-175-AC380/DC540/7500-AD		540	13500	480-620	10	175	2"	<800V
4GC17-100-AC380/DC540/7500-AD		540	13500	480-620	17	100	2"	<800V
4GC28-67-AC380/DC540/7500-AD		540	13500	480-620	28	67	3"	<800V
4GC6-300-AC380/DC540/9200-AD		540	16560	480-620	6	300	1.5"	<800V
4GC10-200-AC380/DC540/9200-AD		540	16560	480-620	10	200	2"	<800V
4GC17-115-AC380/DC540/9200-AD		540	16560	480-620	17	115	2"	<800V
4GC28-75-AC380/DC540/9200-AD		540	16560	480-620	28	75	3"	<800V
4GC6-330-AC380/DC540/11000-AD		540	19800	480-620	6	340	1.5"	<800V
4GC10-240-AC380/DC540/11000-AD		540	19800	480-620	10	265	2"	<800V
4GC17-130-AC380/DC540/11000-AD		540	19800	480-620	17	145	2"	<800V
4GC28-80-AC380/DC540/11000-AD		540	19800	480-620	28	80	3"	<800V
4GC6-365-AC380/DC540/13000-AD		540	23400	480-620	6	187	1.5"	<800V
4GC10-265-AC380/DC540/13000-AD		540	23400	480-620	10	265	2"	<800V
4GC17-145-AC380/DC540/13000-AD		540	23400	480-620	17	145	2"	<800V
4GC28-90-AC380/DC540/13000-AD		540	23400	480-620	28	90	3"	<800V
4GC6-400-AC380/DC540/15000-AD		540	27000	480-620	6	400	1.5"	<800V
4GC10-300-AC380/DC540/15000-AD		540	27000	480-620	10	3000	2"	<800V
4GC17-180-AC380/DC540/15000-AD		540	27000	480-620	17	180	2"	<800V
4GC28-100-AC380/DC540/15000-AD		540	27000	480-620	28	100	3"	<800V
4GC10-360-AC380/DC540/18500-AD		540	33300	480-620	10	360	2"	<800V
4GC17-220-AC380/DC540/18500-AD		540	33300	480-620	17	220	2"	<800V
4GC28-120-AC380/DC540/18500-AD		540	33300	480-620	28	120	3"	<800V
4GC10-420-AC380/DC540/22000-AD		540	39600	480-620	10	420	2"	<800V
4GC17-255-AC380/DC540/22000-AD		540	39600	480-620	17	255	2"	<800V
4GC28-155-AC380/DC540/22000-AD		540	39600	480-620	28	155	3"	<800V



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; Stainless steel connection, base; High strength 304 stainless steel impeller and Rubber oil seal.
- 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.

Application:

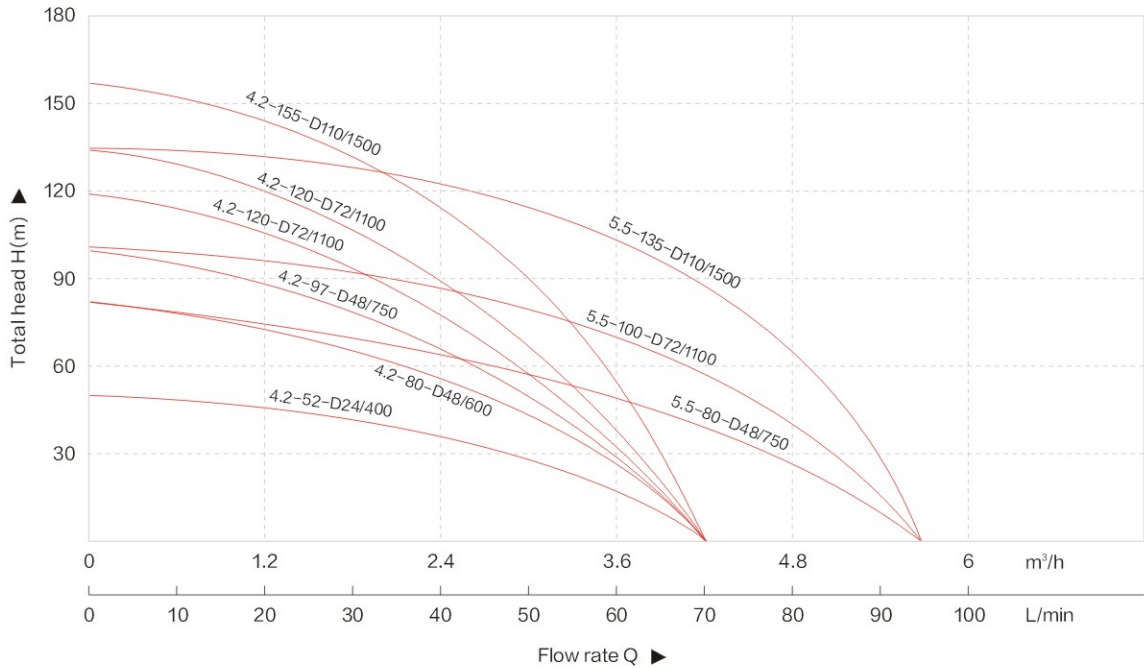
- 1) These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture pumping water from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



Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. flow	Max. head	Outlet	Open circuit voltage
		V	W	DC	m³/h	m	IN	VOC
3PSS4.2-52-D24/400	Centrifugal (S/S)	36	450	30-48	4.2	52	1.25"	<60V
3PSS5.5-42-D24/400		36	450	30-48	5.5	42	1.25"	<60V
3PSS4.2-80-D48/600		72	900	60-90	4.2	80	1.25"	<120V
3PSS5.5-65-D48/600		72	900	60-90	5.5	65	1.25"	<120V
3PSS4.2-97-D48/750		72	1125	90-120	4.2	97	1.25"	<120V
3PSS5.5-80-D48/750		72	1125	60-90	5.5	80	1.25"	<120V
3PSS4.2-97-D72/750		108	1125	90-120	4.2	97	1.25"	<170V
3PSS5.5-80-D72/750		108	1125	90-120	5.5	80	1.25"	<170V
3PSS4.2-120-D72/1100		108	1650	90-120	4.2	120	1.25"	<170V
3PSS5.5-100-D72/1000		108	1650	90-120	5.5	100	1.25"	<170V
3PSS4.2-120-D110/1100		144	1650	110-150	5.8	120	1.25"	<210V
3PSS5.5-100-D110/1100		144	1650	110-150	5.5	100	1.25"	<210V
3PSS4.2-135-D110/1300		144	1950	110-150	4.2	135	1.25"	<210V
3PSS5.5-115-D110/1300		144	1950	110-150	5.5	115	1.25"	<210V
3PSS4.2-155-D110/1500		144	2250	110-150	4.5	155	1.25"	<210V
3PSS5.5-135-D110/1500		144	2250	110-150	4.5	135	1.25"	<210V



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; Stainless steel connection, base; High strength 304 stainless steel impeller and Rubber oil seal.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

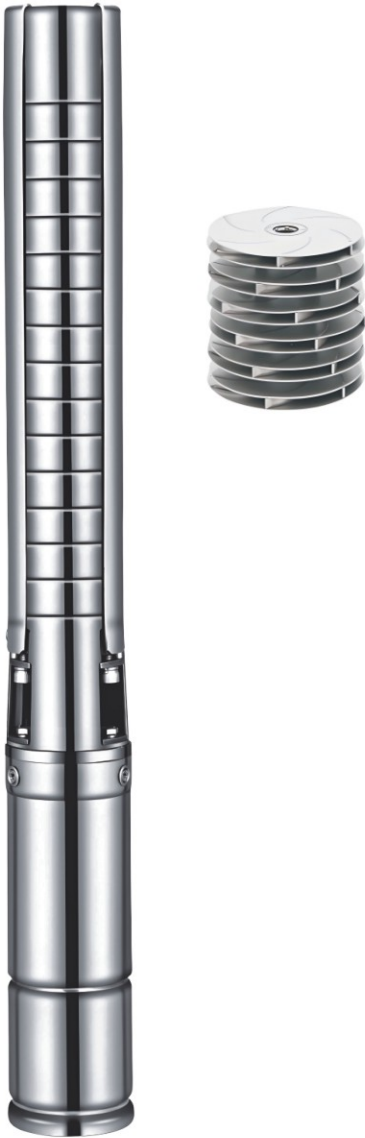
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow. Overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

Application:

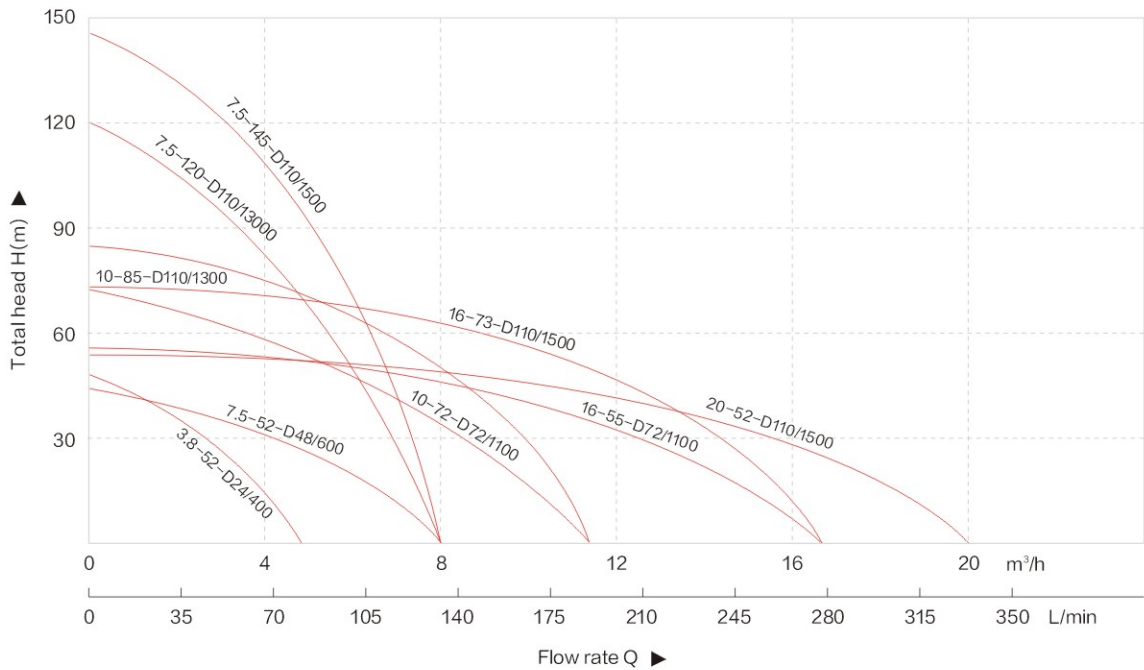
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Working condition:

- 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.



Free Accessories



Technical Data

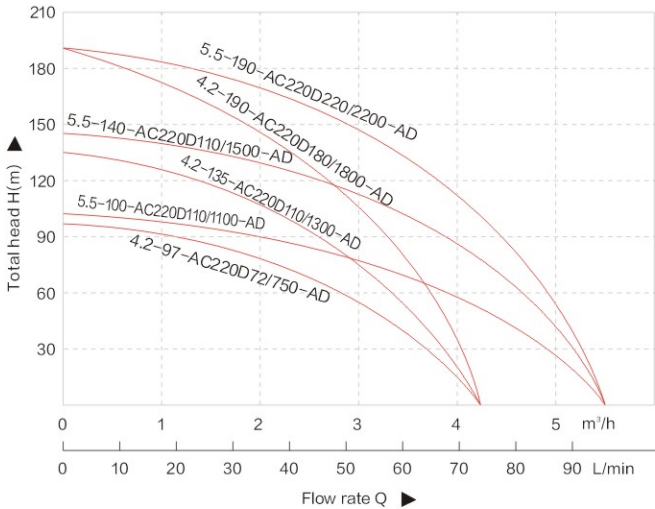
Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. flow	Max. head	Outlet	Open circuit voltage
		V	W	DC	m³/h	m	IN	VOC
4PSS3.8-52-D24/400	Centrifugal (S/S)	36	600	30-48	3.8	52	1.25"	<60V
4PSS3.8-82-D48/600		72	900	60-90	3.8	82	1.25"	<120V
4PSS7.5-42-D48/600		72	900	60-90	7.5	42	1.5"	<120V
4PSS3.8-105-D48/750		72	1125	60-90	3.8	105	1.25"	<120V
4PSS5.5-72-D48/750		72	1125	60-90	5.5	72	1.25"	<120V
4PSS7-56-D48/750		72	1125	60-90	7	56	1.5"	<120V
4PSS5.5-72-D72/750		108	1125	60-90	5.5	72	1.25"	<120V
4PSS7.5-56-D72/750		108	1125	60-90	7.5	56	1.5"	<170V
4PSS5.5-112-D72/1100		108	1650	90-120	5.5	112	1.25"	<170V
4PSS7.5-90-D72/1100		108	1650	90-120	7.5	90	1.5"	<170V
4PSS10-72-D72/1100		108	1650	90-120	10	72	1.5"	<170V
4PSS16-55-D72/1100		108	1650	90-120	16	55	2"	<170V
4PSS3.8-180-D110/1300		144	1950	110-150	3.8	180	1.25"	<210V
4PSS5.5-155-D110/1300		144	1950	110-150	5.5	155	1.25"	<210V
4PSS7.5-120-D110/13000		144	1950	110-150	7.5	120	1.5"	<210V
4PSS10-85-D110/1300		144	1950	110-150	10	85	1.5"	<210V
4PSS5.5-185-D110/1500		144	2250	110-150	5.5	185	1.25"	<210V
4PSS7.5-145-D110/1500		144	2250	110-150	7.5	145	1.5"	<210V
4PSS16-73-D110/1500		144	2250	110-150	16	73	2"	<210V
4PSS20-52-D110/1500		144	2250	110-150	20	52	2"	<210V

3PSS SOLAR PUMP



Profile: Adopt 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; Stainless steel connection, base; High strength 304 stainless steel impeller and Rubber oil seal. 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.

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.



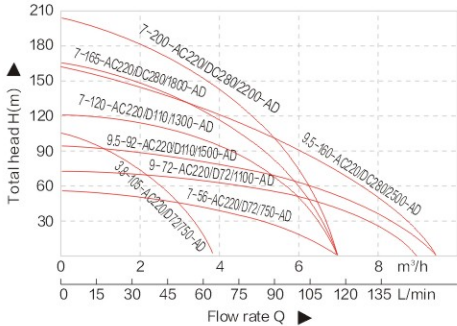
Technical Data table with 9 columns: Model, Impeller, Solar array voltage, Solar array power, Best input voltage, Max. Flow, Max. Head, Outlet, Open circuit voltage. It lists various pump models and their specifications.

4PSS SOLAR PUMP



Profile: Adopt 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; Stainless steel connection, base; High strength 304 stainless steel impeller and Rubber oil seal. 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.

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.



Technical Data table with 9 columns: Model, Impeller, Solar array voltage, Solar array power, Best input voltage, Max. Flow, Max. Head, Outlet, Open circuit voltage. It lists various pump models and their specifications.

4PSS SOLAR PUMP



AC220V/DC290V
AC380V/DC540V

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; Stainless steel connection, base; High strength 304 stainless steel impeller and Rubber oil seal.
- 2) Oil immersion style stainless steel submersible motor.

Product Feature:

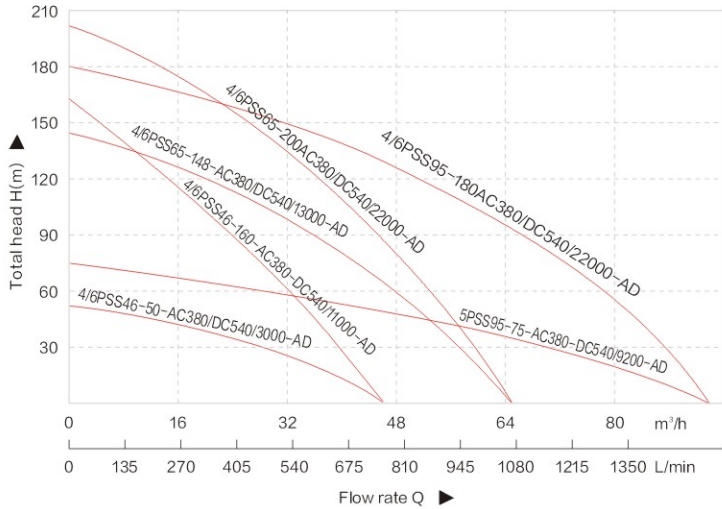
- 1) Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow. Overload, waterless etc; automatic recovery; controlling water height as demand.
- 2) Easy installation, maintenance-free, safe and reliable.

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.



4PSS SOLAR PUMP



Free Accessories



Water level sensor



Raw tape



Cable connetor

Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. flow	Max. head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
4PSS6-300-AC380/DC540/3000-AD	Centrifugal (S/S)	540	4500	480-650	6	300	1.25"	<750V
4PSS15-150-AC380/DC540/3000-AD		540	4500	480-650	15	150	2"	<750V
5PSS30-70-AC380/DC540/3000-AD		540	4500	480-650	30	70	2.5"	<750V
4/6PSS46-50-AC380/DC540/3000-AD		540	4500	480-650	49	50	4"	<750V
4PSS9.5-275-AC380/DC540/4000-AD		540	6000	480-650	9.5	275	1.5"	<750V
4PSS23-110-AC380/DC540/4000-AD		540	6000	480-650	23	110	2"	<750V
4/6PSS46-68-AC380/DC540/4000-AD		540	6000	480-650	46	68	4"	<750V
4PSS7.5-345-AC380/DC540/5500-AD		540	8250	480-650	7.5	345	1.25"	<750V
4PSS20-155-AC380/DC540/5500-AD		540	8250	480-650	20	155	2"	<750V
5PSS30-95-AC380/DC540/5500-AD		540	8250	480-650	30	95	2"	<750V
4/6PSS46-85-AC380/DC540/5500-AD		540	8250	480-650	49	85	3"	<750V
4/6PSS65-63-AC380/DC540/5500-AD		540	8250	480-650	70	50	4"	<750V
4/6PSS90-40-AC380/DC540/5500-AD		540	8250	480-650	70	50	4"	<750V
4PSS11-345-AC380-DC540/7500-AD		540	11250	480-650	11	345	2"	<750V
4PSS16-248-AC380-DC540/7500-AD		540	11250	480-650	16	248	2"	<750V
5PSS35-140-AC380-DC540/7500-AD		540	11250	480-650	30	140	2"	<750V
5PSS35-160-AC380-DC540/9200-AD		540	16560	480-650	35	160	2.5"	<750V
5PSS65-100-AC380-DC540/9200-AD		540	16560	480-650	65	100	3"	<750V
5PSS95-75-AC380-DC540/9200-AD		540	16560	480-650	95	75	4"	<750V
4/6PSS46-160-AC380-DC540/11000-AD		540	19800	480-650	46	116	3"	<750V
4/6PSS65-135-AC380-DC540/11000-AD		540	19800	480-650	65	135	3"	<750V
4/6PSS90-95-AC380-DC540/11000-AD		540	19800	480-650	90	95	4"	<750V
4/6PSS46-180-AC380/DC540/13000-AD		540	23400	480-650	46	180	3"	<750V
4/6PSS65-148-AC380/DC540/13000-AD		540	23400	480-650	65	148	4"	<750V
4/6PSS95-107-AC380/DC540/13000-AD		540	23400	480-650	90	107	4"	<750V
4/6PSS46-204AC380/DC540/15000-AD		540	27000	480-650	46	285	3"	<750V
4/6PSS65-160AC380/DC540/15000-AD		540	27000	480-650	65	160	4"	<750V
4/6PSS95-126AC380/DC540/15000-AD		540	27000	480-650	95	126	4"	<750V
4/6PSS46-252AC380/DC540/18500-AD		540	33300	480-650	46	252	3"	<750V
4/6PSS65-200AC380/DC540/18500-AD		540	33300	480-650	65	200	4"	<750V
4/6PSS95-154AC380/DC540/18500-AD		540	33300	480-650	95	154	4"	<750V
4/6PSS46-305AC380/DC540/22000-AD		540	39600	480-650	46	305	3"	<750V
4/6PSS65-200AC380/DC540/22000-AD		540	39600	480-650	65	200	4"	<750V
4/6PSS95-180AC380/DC540/22000-AD		540	39600	480-650	95	180	4"	<750V
4/6/8PSS145/80AC380/DC540/18500-AD		540	33300	480-650	145	80	5"	<750V
4/6/8PSS180/65AC380/DC540/18500-AD		540	33300	480-650	180	65	5"	<750V
4/6/8PSS145-100AC380/DC540/22000-AD		540	39600	480-650	145	100	5"	<750V
4/6/8PSS180-81AC380/DC540/22000-AD		540	39600	480-650	180	81	5"	<750V

SQY STAINLESS STEEL MULTI-STAGE SUBMERSIBLE PUMP



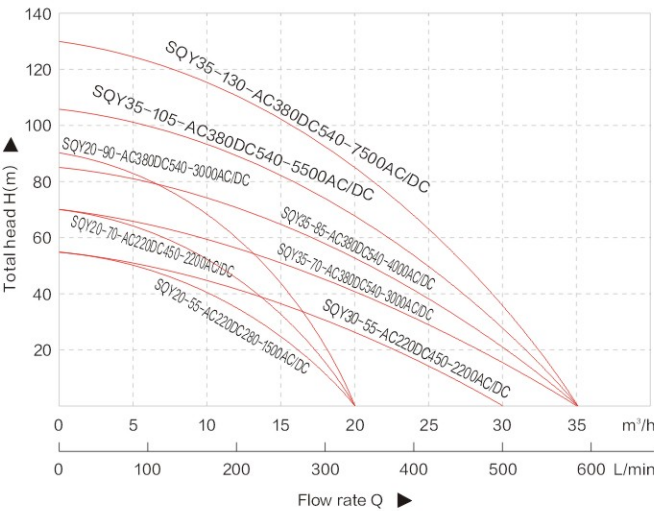
(Motor controller)
AC/DC 48V-288V

Application Area:

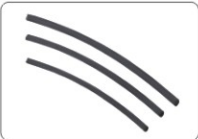
Compatible with both AC and DC power supplies, and works with high-performance inverters.

Materials of Construction:

Casing: 201 stainless steel
Shaft: 304 stainless steel
Impeller: high-flow & high-head design, composite of PPO and stainless steel
Motor: high-efficiency permanent-magnet motor



Free Accessories



Cable connetor



Water level sensor

Technical Data

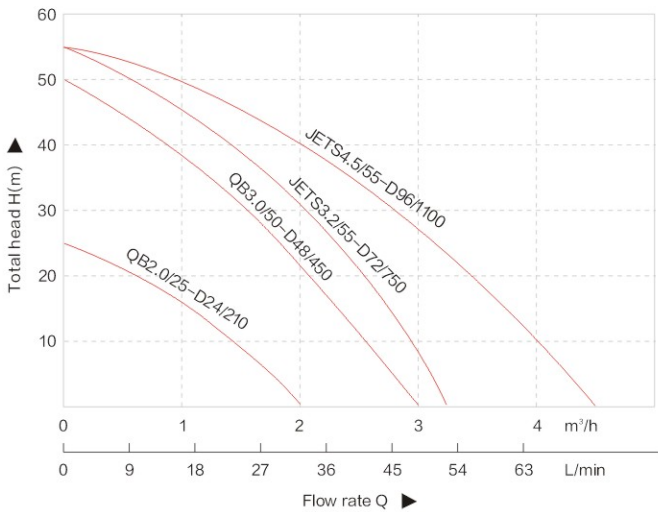
Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
SQY20-55-AC220DC280-1500AC/DC	Centrifugal (S/S)	280	2200	160-200	20	55	2"	<280V
SQY20-70-AC220DC450-2200AC/DC		450	2800	200-320	20	70	2"	<450V
SQY20-90-AC380DC540-3000AC/DC		540	4000	480-650	20	90	2"	<750V
SQY30-55-AC220DC450-2200AC/DC		450	2800	200-320	30	55	3"/4"	<450V
SQY35-70-AC380DC540-3000AC/DC		540	4500	480-650	35	70	3"/4"	<750V
SQY35-85-AC380DC540-4000AC/DC		540	6000	480-650	35	85	3"/4"	<750V
SQY35-105-AC380DC540-5500AC/DC		540	9000	480-650	35	105	3"/4"	<750V
SQY35-130-AC380DC540-7500AC/DC		540	11000	480-650	35	130	3"/4"	<750V

QB/JETS SOLAR PUMP



(Motor controller)

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



Free Accessories



Water level sensor



Raw tape



Cable connetor

Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Max.Suct	Inlet/Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	m	IN	VOC
QB2.0/25-D24/210	Brass	36	315	30-48	2	25	8	1"x1"	<60V
QB2.2/35-D24/300		36	450	30-48	2.2	35	8	1"x1"	<60V
QB3.0/50-D48/450		72	675	30-48	2.5	50	8	1"x1"	<120V
JETS2.3/28-D24/300		36	450	30-48	2.3	28	8	1"x1"	<60V
JETS2.7/38-D48/400		72	600	60-90	2.7	38	8	1"x1"	<120V
JETS2.7/48-D48/550		72	825	60-90	2.7	48	8	1"x1"	<120V
JETS3.2/55-D72/750		108	1125	90-120	3.2	55	8	1"x1"	<170V
JETS4.5/55-D110/1100		144	1650	110-150	4.5	55	8	1"x1"	<210V

CHLF SOLAR PUMP

Application Area:

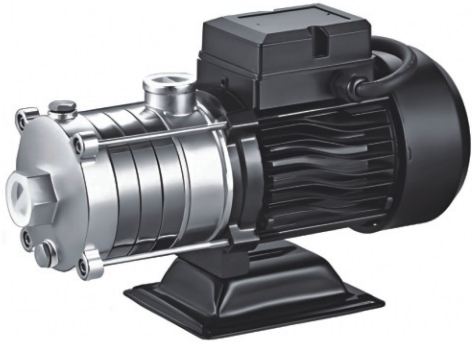
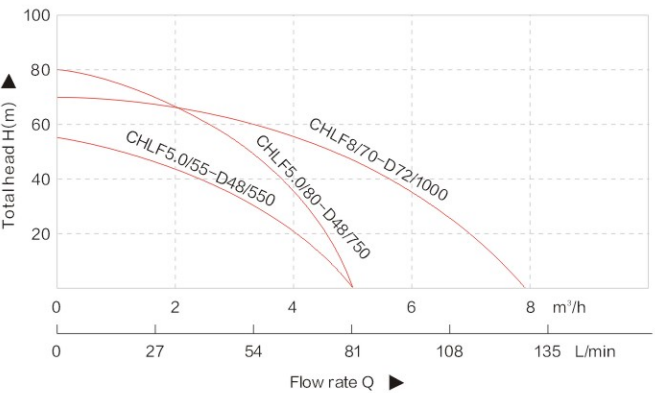
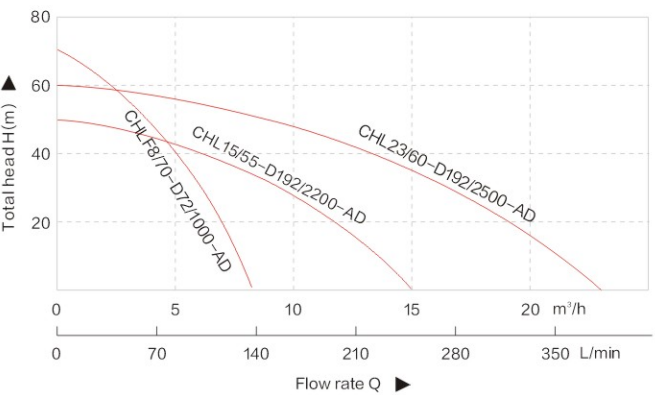
This project products are mainly used in dry region for irrigation of agriculture, It can be used for drinking water and living water. The living condition could be much improved. It also can be used for fountains.

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)

Free Accessories



Water level sensor



Raw tape



Cable connector

Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Max.Suct	Inlet/Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	m	IN	VOC
CHLF5.0/55-D48/550	Stainless	72	825	60-90	5	55	8	1"x1"	<120V
CHLF5.0/80-D48/750		108	1125	90-120	5	80	8	1"x1"	<120V
CHLF8/70-D72/1000		108	1500	90-120	8	70	8	1.25"x1"	<170V
CHLF5/83-AC220/D72/750-AD		108	1200	60-90	5	83	8	1"x1"	<450V
CHLF8/70-AC220/D72/1000-AD		108	1500	90-120	8	70	8	1.25"x1"	<450V
CHLF15/55-AC220/D192/2200-AD		288	3320	180-324	15	55	8	1.5"x1.5"	<450V
CHLF23/42-AC220/D192/2000-AD		288	2680	180-324	23	42	8	2"x2"	<450V
CHLF23/60-AC220/D192/2500-AD		288	3320	180-324	23	60	8	2"x2"	<450V

SQD SELF PRIMING LAND SOLAR PUMP

High-lift self-priming DC solar land water pumps for agricultural irrigation

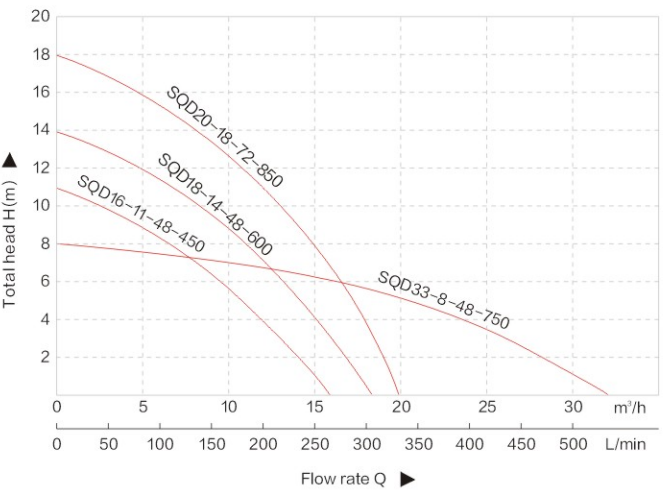
Service Conditions:

- 1) The medium temperature shall not exceed +40°C.
- 2) The PH value of the medium is between 304(4-10) and 316(4-13).
- 3) The working medium is non-corrosive clear water, and the proportion of solid impurities in the medium does not exceed 0.1%.
- 4) The particle size shall not exceed 0.2mm, and the PH value of the water shall be 6.5-8.5.
- 5) Well water, river water and lake water with a water temperature not exceeding 40 degrees.



(Motor controller)

Free Accessories



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Max.Suct	Inlet/Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	m	IN	VOC
SQD4.5-14-D48-450	Castiron	72	675	60-90	4.5	14	8	1"x1"	<120V
SQD12-10-D48-450		72	675	60-90	12	10	8	2"x2"	<120V
SQD6-18-D48-600		72	900	60-90	6	18	8	1"x1"	<120V
SQD10-16-D48-600		72	900	60-90	10	16	8	2"x2"	<120V
SQD8-20-D48-750		72	1100	60-90	8	20	8	2"x2"	<120V
SQD16-16-D72-750		108	1100	90-120	16	16	8	2"x2"	<170V
SQD30-10-D72-750		108	1100	90-120	30	10	6	3"x3"	<170V
SQD18-16-D72-900		108	1300	90-120	18	16	8	2"x2"	<170V
SQD35-15-D72-900		108	1300	90-120	35	15	6	3"x3"	<170V
SQD20-20-D96-1100		144	1300	110-150	20	20	8	2"x2"	<210V
SQD35-18-D96-1300		144	1500	110-150	35	18	6	3"x3"	<210V
SQD55-14-D96-1500		144	1700	110-150	55	14	6	4"x4"	<210V
SQD16-16-AC220-D72-750-AD		108	1100	90-120	16	16	8	2"x2"	<170V
SQD30-10-AC220-D72-750-AD		108	1100	90-120	30	10	6	3"x3"	<170V
SQD18-16-AC220-D72-900-AD		108	1300	90-120	18	16	8	2"x2"	<170V
SQD35-15-AC220-D72-900-AD		108	1300	90-120	35	15	6	3"x3"	<170V
SQD20-20-AC220-D96-1100AD		144	1300	110-150	20	20	8	2"x2"	<210V
SQD35-18-AC220-D96-1300AD		144	1500	110-150	35	18	6	3"x3"	<210V
SQD55-14-AC220-D96-1500AD		144	1700	110-150	55	14	6	4"x4"	<210V

SQN CORROSION-RESISTANT MULTI-STAGE SUBMERSIBLE PUMP



(Motor controller)

Free Accessories



Water level sensor Raw tape Cable connetor

Technical Data

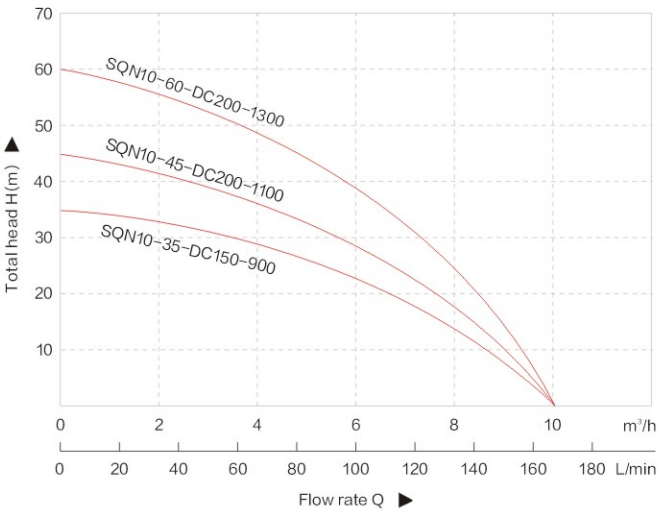
Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
SQN10-35-DC150-900	Stainless	150	1200	80-120	10	35	1.25"	<150
SQN10-45-DC200-1100		200	1500	110-150	10	45	1.25"	<200
SQN10-60-DC200-1300		200	1800	110-150	10	60	1.25"	<200

Application Area:

Ideal for garden watering, agricultural irrigation and domestic water supply. Compatible with both AC and DC power sources, and works with high-performance inverters.

Materials of Construction:

Main components: 304 stainless steel and PA composite materials
Fitted with high-efficiency permanent-magnet motor
Structure: bottom-suction, top-discharge multi-stage impeller with internal circulation cooling
Delivers high head with excellent corrosion resistance.



SQBT HIGH FLOW SUBMERSIBLE PUMP



Application Area:

Compatible with AC and DC power supplies. Simple and robust construction, ideal for agricultural, industrial and orchard irrigation applications.

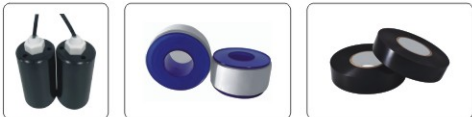
Materials of Construction:

SQBT series submersible pumps use cast-iron and 201 stainless-steel components.
Impellers available in aluminum or cast-iron versions.
Delivers large flow rate and high head.
Supports both built-in and external inverters.

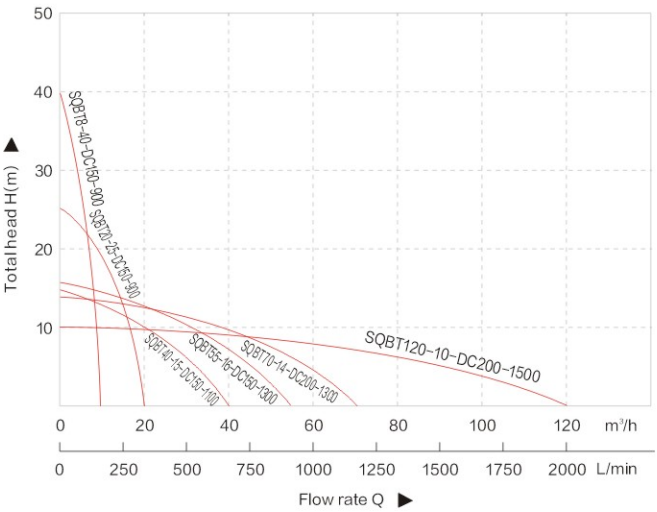


(Motor controller)

Free Accessories

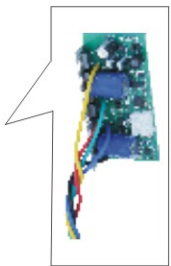


Water level sensor Raw tape Cable connetor



Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Outlet	Open crcuit voltage
		V	W	DC	m³/h	m	IN	VOC
SQBT8-40-DC150-900	Stainless	150	1200	80-120	8	40	1"	<150
SQBT20-25-DC150-900		150	1200	80-120	20	25	2"	<150
SQBT40-15-DC150-1100		150	1300	80-120	40	15	3"	<150
SQBT55-16-DC150-1300		150	1600	80-120	55	16	4"	<150
SQBT70-14-DC200-1300		200	1600	110-150	70	14	4"	<200
SQBT120-10-DC200-1500		200	1800	110-150	120	10	6"	<200



MATERIAL OF PARTS:

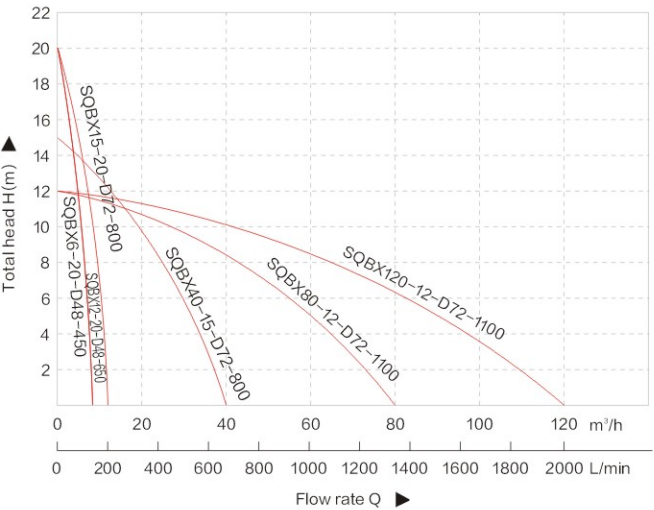
Pump body: Cast iron
Motor housing: Combination of stainless steel and aluminum alloy
Impeller: Cast iron
Motor shaft: AISI304 SS
Mechanical seal: SIC-SIC/Ceramic-Graphite
Cable: 6m power cable with plug

APPLICATION

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partical up to a maximum of 25 mm.

OPERATING CONDITIONS

5m maximum immersion depth.
Liquid temperature up to 35°C.
Maximum ambient temperature 40°C.



Free Accessories



Technical Data

Model	Solar array voltage	Solar array power	Flow	Head	Inlet	Open crcuit voltage
	V	W	m³/h	m	IN	VOC
SQBX6-20-D48-450	48	450	6	20	1"	<100
SQBX12-20-D48-650	48	650	12	20	2"	<100
SQBX15-20-D72-800	72	800	15	20	2"	<170
SQBX40-15-D72-800	72	800	40	15	3"	<170
SQBX80-12-D72-1100	72	1100	80	12	4"	<170
SQBX120-12-D72-1100	72	1100	120	12	6"	<170



MATERIAL OF PARTS:

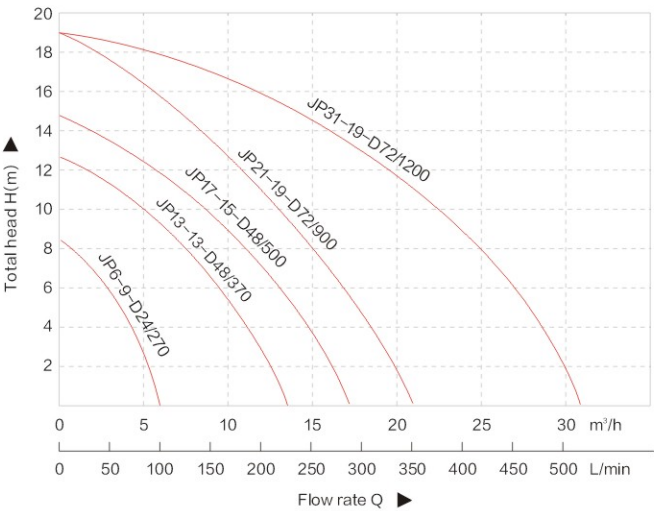
Outlet: plastic
Pump body: plastic
Motor body: Aluminium

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 andstator, motor insulation≥300MΩ, the motor security was much improved.
- 3) Structure innovation
Oil filling, convenient installation and environmental protection.



(Motor controller)



Free Accessories



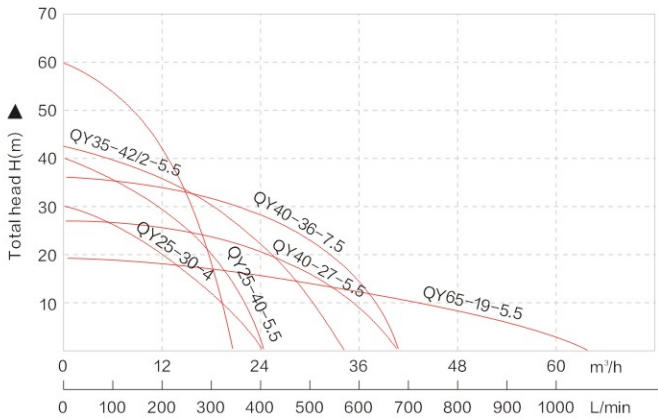
Technical Data

Model	Impeller	Solar array voltage	Solar array power	Best input voltage	Max. Flow	Max. Head	Max.Suct	Inlet/Qtlet	Open crcuit voltage
		V	W	DC	m³/h	m	m	IN	VOC
JP6-9-D24/270	Plastic	36	0	30-48	9	7	5	2"x2"	<100V
JP13-13-D48/370		72	660	60-90	13	13	5	2"x2"	<120V
JP17-15-D48/500		72	0	60-90	17	15	5	2"x2"	<120V
JP21-19-D72/900		72	1350	60-90	21	19	5	2"x2"	<170V
JP31-19-D72/1200		108	0	90-120	31	19	5	2.5"x2.5"	<170V
JP21-19-AC220/D72/900-AD		72	1350	60-90	21	19	5	2"x2"	<450V
JP31-19-D72/1200-AD		108	0	90-120	31	19	5	2.5"x2.5"	<450V

Customized solar water pump QY series
3-phase high-pressure oil-filled
submersible type Electric solar submersible pump



- 1) The electric pump should be fully submerged in water for operation. During normal operation, the submersion depth should be no less than 0.5 meters (dynamic water level);
- 2) The submersion depth of the electric pump underwater generally does not exceed 5 meters (dynamic water level);
- 3) Well water, river water and lake water with a water temperature not exceeding 40 degrees.
- 4) The working medium is non-corrosive clear water, and the volume ratio of solid particles doesnot exceed 0.1%.
- 5) The particle size is no more than 0.2mm, and the PH value of the water is 6.5-8.5.
- 6) Power supply frequency:50Hz,voltage:380V. The supply voltage is guaranteed to be 342-420V.



Free Accessories



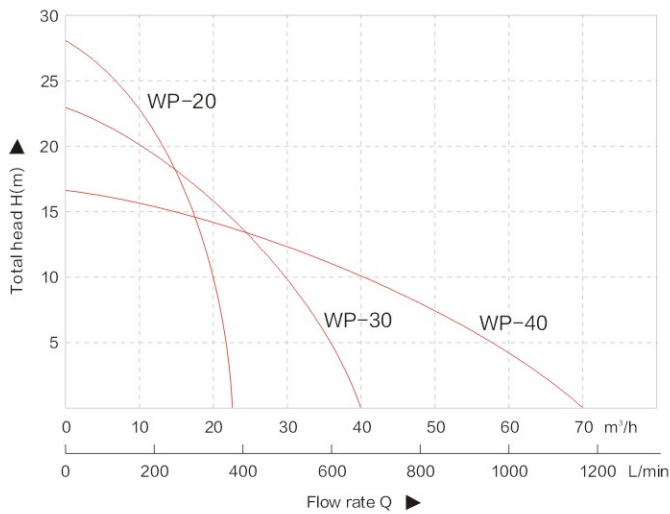
Technical Data

Model	Voltage	Power	Max. flow	Max. head	Cable line	Outlet
	V	KW	m³/h	m	m	mm
QY25-30-4	380	4	25	30	7	65
QY40-21-4	380	4	40	21	7	80
QY65-12-4	380	4	65	12	7	100
QY25-40-5.5	380	6	25	40	7	65
QY40-27-5.5	380	6	40	27	7	80
QY20-60/4-5.5	380	6	20	60	7	65
QY35-42/2-5.5	380	6	35	42	7	80
QY65-19-5.5	380	6	65	19	7	100
QY10-86/4-5.5	380	6	10	86	7	50
QY40-36-7.5	380	8	40	36	7	80
QY65-24-7.5	380	8	65	24	7	100

It is specially used for conveying clean, non-corrosive and low viscosity liquids (such as tap water, lake water, etc.). Its core adaptation conditions include:

Medium requirements:

The water quality should be clean, the solid particle content should be less than 50mg/L (refer to GB/T5657 standard), and the particle diameter should be less than 0.2mm to avoid wear of impeller. The temperature range is usually 0-40℃, high temperature requires special materials (such as stainless steel pump body can withstand 120℃). Suitable for agricultural irrigation, garden irrigation, engineering drainage and so on.



Free Accessories



Technical Data

Model	Power meter	Flow	Suction lift	Head	Speed	Inlet
	HP	m³/h	m	m	r/min	mm
WP-20	7.5	22	8	28	3600	50
WP-30	7.5	40	7	23	3600	80
WP-40	7.5	70	6	18	3600	100