



Treasure Your Water Resources



广东力源泵业有限公司

产品手册——深井泵系列

Guangdong Liyuan Pump Co.,Ltd .(Factory)

Catalog----Submersible pump





Factory
Since 1992

R&D

30 Years
experience



MOQ 1
Spot sales



CETIFICATES



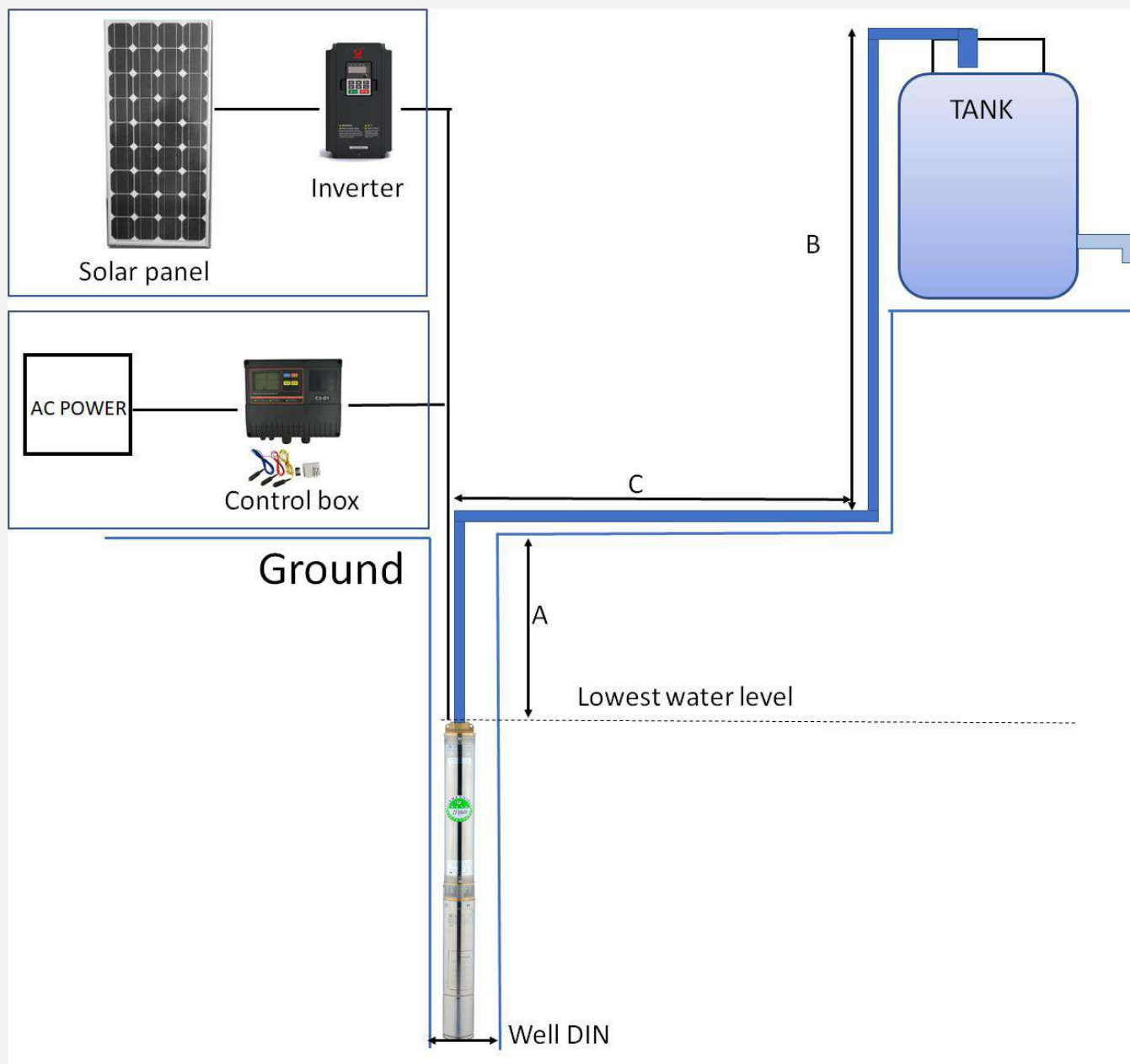
SINCE 1992
LIYUAN PUMP



● Submersible Pump Model Selection



SINCE 1992
LIYUAN PUMP



- 1: Well diameter: _____ (inch/mm)
- 2.--(A): Pump depth: _____ (Meter)
- 3.--(B): Vertical height from ground to tank: _____ (Meter)
- 4.--(C): Horizontal distance from well head to tank: _____ (Meter)
- 5.--Others: _____

Pump solution:

Type: _____

Solar panel: _____

Others: _____

● 3 Inch Submersible Pump



SINCE 1992
LIYUAN PUMP

Operating Conditions

Max fluid temperature up to +35 °C

Max sand content: 0.25%

Max immersion:100m

Min well diameter:3"

Motor and pump

Rewindable motor full obturated
screen motor

Three phase:380V-415V/50Hz

Single phase:220V-240V/50Hz

Equip with start control box or digital
auto-control box.

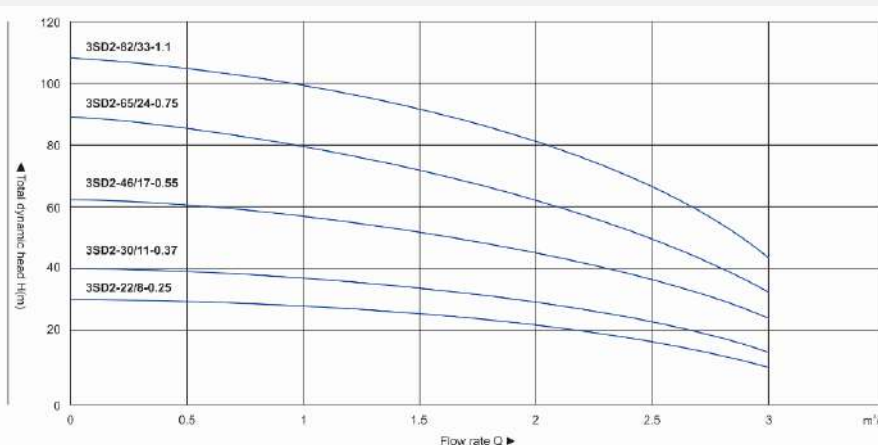
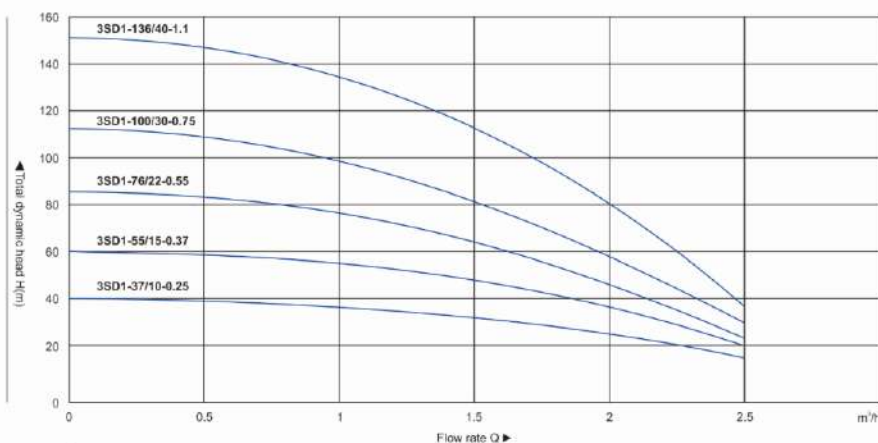
Pumps are designed by casing stressed .
NEMA dimension standards.

Options on request

Special mechanical seal

Other voltages or frequency 60Hz

Single phase motor with built-in
capacitor



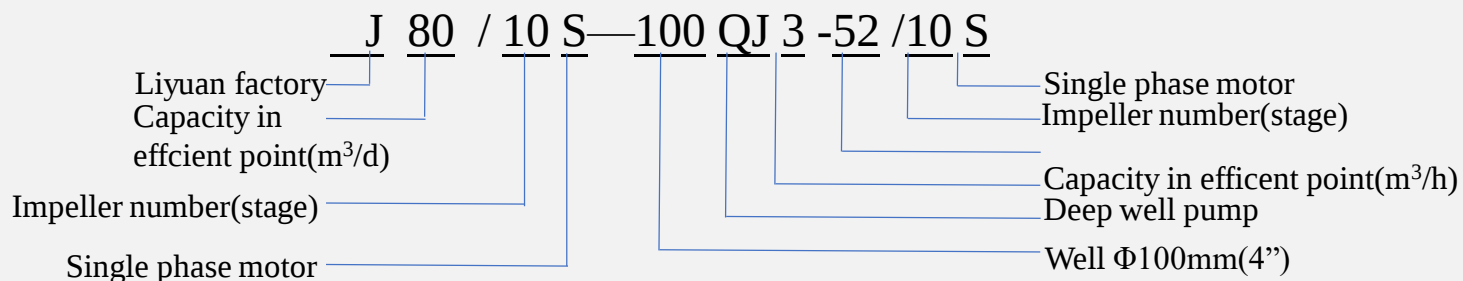
PERFORMANCE DATA 50Hz

MODEL		POWER		DELIVERY RPM=2850								
1~220V/240V	3~380V/415V	kW	HP	Q	L/min	0	8.5	17	25	33	42	50
					m³/h	0	0.5	1	1.5	2	2.5	3
3SDM1-37/10-0.25	3SD1-37/10-0.25	0.25	0.37	H(m)	40	39	37	31	23	14		
3SDM1-55/15-0.37	3SD1-55/15-0.37	0.37	0.5		60	59	55	46	34	20		
3SDM1-76/22-0.55	3SD1-76/22-0.55	0.55	0.75		86	84	76	65	45	23		
3SDM1-100/30-0.75	3SD1-100/30-0.75	0.75	1		114	109	100	83	58	31		
3SDM1-136/40-1.1	3SD1-136/40-1.1	1.1	1.5		152	145	136	113	80	38		
3SDM2-22/8-0.25	3SD2-22/8-0.25	0.25	0.37		29	27	26	25	22	17	11	
3SDM2-30/11-0.37	3SD2-30/11-0.37	0.37	0.5		40	38	36	34	30	23	15	
3SDM2-46/17-0.55	3SD2-46/17-0.55	0.55	0.75		62	59	52	46	37	23	15	
3SDM2-65/24-0.75	3SD2-65/24-0.75	0.75	1		88	83	79	74	65	52	33	
3SDM2-82/33-1.1	3SD2-82/33-1.1	1.1	1.5		109	102	98	92	82	65	41	

● 4 Inch Submersible Pump-MOTOR



SINCE 1992
LIYUAN PUMP



Operating Conditions

- .Don't conduct trial running without being immersed by water.
- .Don't use motor during thunder and lighting.
- .Max sand content: 0.25%
- .Max fluid temperature up to $+40\text{ }^{\circ}\text{C}$

Motor and pump

Rewindable motor full obturated screen motor

Three phase:380V-415V/50Hz

Single phase:220V-240V/50Hz

Equip with start control box or digital auto-control box.

Pumps are designed by casing stressed .

NEMA dimension standards.

Pump diameter 96mm

Options on request

Special mechanical seal

Other voltages or frequency 60Hz

Hot water

Single phase motor with built-in capacitor



● 4 Inch Submersible Pump-MOTOR

MOTOR PERFORMANCE DATA

4"SINGLE PHASE OIL-COOLED 220V-240V 50Hz 60Hz

MOTOR POWER		CURRENT	POWER FACTOR	CAP	LENGTH	WEIGHT
HP	kW	A	COSΦ	uF	mm	kg
0.5	0.37	3.6	0.88	25	364	6.8
0.75	0.55	4.8	0.89	30	384	7.8
1	0.75	6.3	0.90	40	409	9
1.5	1.1	8.6	0.83	45	439	10.5
2	1.5	10.6	0.87	50	474	11.8
3	2.2	15	0.96	70	553	14.7

MOTOR PERFORMANCE DATA

4"THREE PHASE OIL-COOLED 380V-415V 50Hz 60Hz

MOTOR POWER		CURRENT	POWER FACTOR	LENGTH	WEIGHT
HP	kW	A	COSΦ	mm	kg
0.5	0.37	1.3	0.72	371	7.5
0.75	0.55	1.9	0.74	390	8.1
1	0.75	2.4	0.75	410	8.9
1.5	1.1	3.3	0.76	420	9.7
2	1.5	4.3	0.77	445	11.0
3	2.2	6.0	0.78	578	13.8
4	3	7.7	0.79	649	18.2
5.5	4	10.3	0.79	714	21.5
7.5	5.5	13.6	0.80	814	26.5
10	7.5	18.0	0.83	949	32.4

● 4 Inch Submersible Pump-100QJ



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE		MOTOR POWER		CAPACITY m ³ /h-Total Head(m)			MAX Q (m ³ /h)	MAX H (m)	OUTLET Mm (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
			HP	kW								
1	J50/6	100QJ2-30/6	0.5	0.37	1m ³ /36m	2m ³ /31m	3m ³ /25m	4.5	38	40mm 1.5"	352	2.5
2	J50/10	100QJ2-52/10	0.75	0.55	1m ³ /60m	2m ³ /52m	3m ³ /42m	4.5	63		461	3.3
3	J50/13	100QJ2-70/13	1	0.75	1m ³ /78m	2m ³ /70m	3m ³ /55m	4.5	82		542	3.8
4	J50/19	100QJ2-98/19	1.5	1.1	1m ³ /114m	2m ³ /98m	3m ³ /80m	4.5	120		705	4.9
5	J50/27	100QJ2-140/27	2	1.5	1m ³ /162m	2m ³ /140m	3m ³ /114m	4.5	170		926	6.4
6	J50/38	100QJ2-197/38	3	2.2	1m ³ /228m	2m ³ /197m	3m ³ /160m	4.5	239		1300	8.7
7	J50/52	100QJ2-270/52	4	3	1m ³ /312m	2m ³ /270m	3m ³ /220m	4.5	327		1700	11.4
8	J80/5	100QJ3-20/5	0.5	0.37	2m ³ /30m	3m ³ /26m	4m ³ /21m	6	32	40mm 1.5"	301	2.2
9	J80/8	100QJ3-30/8	0.75	0.55	2m ³ /47m	3m ³ /41m	4m ³ /33m	6	51		411	2.9
10	J80/10	100QJ3-52/10	1	0.75	2m ³ /59m	3m ³ /52m	4m ³ /41m	6	64		465	3.2
11	J80/14	100QJ3-72/14	1.5	1.1	2m ³ /83m	3m ³ /72m	4m ³ /58m	6	89		572	3.9
12	J80/18	100QJ3-93/18	2	1.5	2m ³ /107m	3m ³ /93m	4m ³ /75m	6	114		707	4.8
13	J80/26	100QJ3-134/26	3	2.2	2m ³ /154m	3m ³ /134m	4m ³ /108m	6	165		963	6.4
14	J80/32	100QJ3-165/32	4	3	2m ³ /190m	3m ³ /165m	4m ³ /133m	6	203		1152	7.6
15	J80/44	100QJ3-227/44	5.5	4	2m ³ /261m	3m ³ /227m	4m ³ /182m	6	280		1503	9.9
16	J80/60	100QJ3-309/60	7.5	5.5	2m ³ /356m	3m ³ /309m	4m ³ /249m	6	381		1990	15.5
17	J100/6	100QJ4-30/6	0.75	0.55	3m ³ /35m	4m ³ /30m	5m ³ /22m	7	40	40mm 1.5 "	376	2.7
18	J100/8	100QJ4-40/8	1	0.75	3m ³ /47m	4m ³ /40m	5m ³ /29m	7	53		439	3.1
19	J100/12	100QJ4-60/12	1.5	1.1	3m ³ /70m	4m ³ /60m	5m ³ /44m	7	80		564	3.9
20	J100/16	100QJ4-80/16	2	1.5	3m ³ /93m	4m ³ /80m	5m ³ /59m	7	107		689	4.7
21	J100/24	100QJ4-110/24	3	2.2	3m ³ /140m	4m ³ /120m	5m ³ /88m	7	160		976	6.7
22	J100/30	100QJ4-140/30	4	3	3m ³ /175m	4m ³ /150m	5m ³ /110m	7	200		1130	8
23	J100/40	100QJ4-180/40	5.5	4	3m ³ /233m	4m ³ /200m	5m ³ /147m	7	267		1445	10.2
24	J100/55	100QJ4-250/55	7.5	5.5	3m ³ /321m	4m ³ /275m	5m ³ /202m	7	367		1915	13.4
25	J100/75	100QJ4-340/75	10	7.5	3m ³ /375m	4m ³ /345m	5m ³ /255m	7	500		2536	17.7

*Length and weight are for pump only without motor. For motor parameters, please refer to the motor detail page

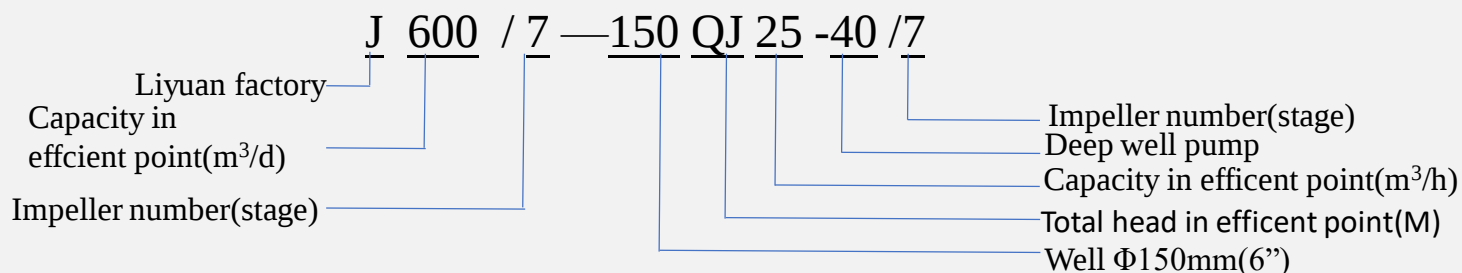
● 4 Inch Submersible Pump-100QJ



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE		MOTOR POWER		CAPACITY m ³ /h-Total Head(m)			MAX Q (m ³ /h)	MAX H (m)	OUTLET mm (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
			HP	kW								
26	J150/7	100QJ6-26/7	1	0.75	4m ³ /36m	6m ³ /26m	7m ³ /22m	9	46	40mm 1.5"	387	2.7
27	J150/9	100QJ6-34/9	1.5	1.1	4m ³ /46m	6m ³ /34m	7m ³ /28m	9	59		478	3.3
28	J150/13	100QJ6-50/13	2	1.5	4m ³ /67m	6m ³ /50m	7m ³ /41m	9	85		603	4.1
29	J150/18	100QJ6-70/18	3	2.2	4m ³ /100m	6m ³ /70m	7m ³ /57m	9	118		801	5.3
30	J150/26	100QJ6-110/26	4	3	4m ³ /145m	6m ³ /110m	7m ³ /82m	9	171		1080	7
31	J150/34	100QJ6-130/34	5.5	4	4m ³ /180m	6m ³ /130m	7m ³ /107m	9	223		1463	10.2
32	J150/42	100QJ6-166/42	7.5	5.5	4m ³ /225m	6m ³ /166m	7m ³ /132m	9	276		1753	12.2
33	J150/56	100QJ6-220/56	10	7.5	4m ³ /300m	6m ³ /220m	7m ³ /176m	9	368		2277	15.8
34	J200/4	100QJ8-18/4	1	0.75	6m ³ /20m	8m ³ /18m	10m ³ /15m	17	27	50mm 2"	268	1.8
35	J200/6	100QJ8-28/6	1.5	1.1	6m ³ /34m	8m ³ /28m	10m ³ /18m	17	40		400	2.7
36	J200/8	100QJ8-36/8	2	1.5	6m ³ /41m	8m ³ /36m	10m ³ /30m	17	53		533	3.6
37	J200/13	100QJ8-59/13	3	2.2	6m ³ /66m	8m ³ /59m	10m ³ /48m	17	86		733	4.7
38	J200/17	100QJ8-77/17	4	3	6m ³ /86m	8m ³ /77m	10m ³ /63m	17	112		911	5.7
39	J200/20	100QJ8-91/20	4	3	6m ³ /102m	8m ³ /91m	10m ³ /74m	17	132		1023	6.4
40	J200/24	100QJ8-109/24	5.5	4	6m ³ /122m	8m ³ /109m	10m ³ /89m	17	159		1443	9.5
41	J200/30	100QJ8-136/30	7.5	5.5	6m ³ /152m	8m ³ /136m	10m ³ /111m	17	198		1752	11.5
42	J200/35	100QJ8-159/35	10	7.5	6m ³ /178m	8m ³ /159m	10m ³ /129m	17	232		2007	13.2
43	J300/7	100QJ10-33/7	2	1.5	8m ³ /36m	10m ³ /33m	14m ³ /23m	19	46	50mm 2"	579	4.1
44	J300/10	100QJ10-48/10	3	2.2	8m ³ /58m	10m ³ /48m	14m ³ /33m	19	65		732	5.1
45	J300/13	100QJ10-60/13	4	3	8m ³ /72m	10m ³ /60m	14m ³ /43m	19	85		885	6.1
46	J300/17	100QJ10-80/17	5.5	4	8m ³ /95m	10m ³ /80m	14m ³ /56m	19	111		1088	7.4
47	J300/22	100QJ10-108/22	7.5	5.5	8m ³ /125m	10m ³ /108m	14m ³ /73m	19	144		1343	9.1
48	J300/27	100QJ10-130/27	10	7.5	8m ³ /151m	10m ³ /130m	14m ³ /90m	19	177		1597	10.8
49	J400/10	100QJ16-34/10	4	3	12m ³ /39m	16m ³ /34m	20m ³ /26m	30	45	50mm 2"	926	5.9
50	J400/14	100QJ16-48/14	5.5	4	12m ³ /55m	16m ³ /48m	20m ³ /36m	30	64		1201	7.6
51	J400/18	100QJ16-61/18	7.5	5.5	12m ³ /70m	16m ³ /61m	20m ³ /47m	30	82		1475	9.3
52	J400/24	100QJ16-81/24	10	7.5	12m ³ /94m	16m ³ /81m	20m ³ /60m	30	109		1887	11.8

*Length and weight are for pump only without motor. For motor parameters, please refer to the motor detail page



Operating Conditions

- .Don't conduct trial running without being immersed by water.
- .Don't use motor during thunder and lighting.

Water-cooled Motor

- 1.Meet the requirements of Standard IEC34-1 with the structure of water-cooled sealed lubrication ,non-polluting.
- 2.The dimension of installation flange and spline meet the requirements of NEMA standard (USA National Electrical Manufacturing Association).
- 3.The outer shells of the motor and the shafts are made of stainless steel as well as the fixings .Other parts are rustproof.
- 4.The main bearing and the thrust bearing have the character of anti wearing and undertaking higher thrust load.
- 5.With anti-sand installation and reformed butyl-rubber pressure equilibrium membrane.

Oil-cooled Motor

- 1.Meet the requirements of Standard IEC34-1 with fully sealed rotor.
2. NEMA dimension standards
- 3.Stainless steel casing and shaft.
- 4.With modified butyl-rubber sand&oil-proof filter and automatic Pressure balance device.
- 5.Pump diameter 145mm

Options on request

- Special mechanical seal
- Other voltages or frequency 60Hz
- Hot water



● 5 & 6 Inch Submersible Pump-MOTOR



SINCE 1992
LIYUAN PUMP

5"THREE PHASE WATER-COOLED 380V-415V 50Hz 60Hz

MOTOR POWER		CURRENT	POWER FACTOR	LENGTH	WEIGHT
HP	KW	A	COSΦ	mm	kg
5.5	4	11.0	0.78	750	39
7.5	5.5	14.3	0.79	800	42
10	7.5	19.0	0.81	823	45
12.5	9.2	23.0	0.83	903	52
15	11	27.5	0.81	985	60
17.5	13	32.0	0.83	1073	68
20	15	36.0	0.82	1163	75

6"THREE PHASE OIL-COOLED 380V-415V 50Hz 60Hz

MOTOR POWER		CURRENT	POWER FACTOR	LENGTH	WEIGHT
HP	kW	A	COSΦ	mm	kg
4	3	7	0.80	553	28.5
5.5	4	9	0.80	573	30.7
7.5	5.5	12.5	0.80	633	36.4
10	7.5	17	0.80	683	40.7
12.5	9.2	20	0.81	758	48.1
15	11	23.5	0.84	803	54.8
17.5	13	27.5	0.84	853	58.8
20	15	32.5	0.84	883	63
25	18.5	37.5	0.85	908	65

6"THREE PHASE WATER-COOLED 380V-415V 50Hz 60Hz

MOTOR POWER		CURRENT	POWER FACTOR	LENGTH	WEIGHT
HP	kW	A	COSΦ	mm	kg
7.5	5.5	13.5	0.80	769	45
10	7.5	17.5	0.80	804	49
12.5	9.2	21.5	0.81	834	52
15	11	25.0	0.81	956	54
17.5	13	29.1	0.81	996	60
20	15	33.2	0.81	1046	67
25	18.5	40.0	0.82	1166	74
30	22	47.2	0.82	1241	80
35	26	55.4	0.83	1135	89
40	30	64.0	0.83	1150	95
50	37	78.8	0.87	1276	105

● 5 & 6 Inch Submersible Pump-130&150QJ



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE		MOTOR POWER		CAPACITY m³/h-Total Head(m)			MAX Q (m³/h)	MAX H (m)	OUTLET mm (inch)
			HP	kW						
1	5J8/15	130QJ8-120/15	5.5	4	6m³/128m	8m³/120m	10m³/99m	17	150	50mm (2")
2	5J8/20	130QJ8-160/20	7.5	5.5	6m³/171m	8m³/160m	10m³/132m	17	200	
3	5J8/28	130QJ8-220/28	10	7.5	6m³/240m	8m³/220m	10m³/185m	17	270	
4	5J8/34	130QJ8-250/34	12.5	9.2	6m³/291m	8m³/250m	10m³/224m	17	320	
5	5J8/40	130QJ8-300/40	15	11	6m³/342m	8m³/300m	10m³/264m	17	370	
6	5J8/48	130QJ8-350/48	17.5	13	6m³/411m	8m³/350m	10m³/317m	17	450	
7	5J8/54	130QJ8-400/54	20	15	6m³/462m	8m³/400m	10m³/356m	17	500	
8	5J12/11	130QJ12-73/11	5.5	4	10m³/82m	12m³/73m	14m³/66m	25	102	50mm (2")
9	5J12/15	130QJ12-100/15	7.5	5.5	10m³/112m	12m³/100m	14m³/91m	25	140	
10	5J12/20	130QJ12-136/20	10	7.5	10m³/157m	12m³/136m	14m³/135m	25	180	
11	5J12/24	130QJ12-167/24	12.5	9.2	10m³/188m	12m³/167m	14m³/162m	25	210	
12	5J12/29	130QJ12-200/29	15	11	10m³/227m	12m³/200m	14m³/195m	25	260	
13	5J12/34	130QJ12-234/34	17.5	13	10m³/266m	12m³/234m	14m³/229m	25	300	
14	5J12/37	130QJ12-255/37	20	15	10m³/290m	12m³/255m	14m³/249m	25	325	

NO	LIYUAN TYPE		MOTOR POWER		CAPACITY m³/h-Total Head(m)			MAX Q (m³/h)	MAX H (m)	OUTLET mm (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
			HP	kW								
1	J600/5	150QJ25-28/5	4	3	20m³/29m	25m³/25m	30m³/18m	40	44	65mm (2.5")	570	9.6
2	J600/7	150QJ25-40/7	5.5	4	20m³/45m	25m³/40m	30m³/28m	40	61		660	11
3	J600/9	150QJ25-50/9	7.5	5.5	20m³/58m	25m³/50m	30m³/35m	40	78		750	12.5
4	J600/12	150QJ25-70/12	10	7.5	20m³/77m	25m³/70m	30m³/50m	40	106		890	14.7
5	J600/15	150QJ25-88/15	12.5	9.2	20m³/91m	25m³/87m	30m³/62m	40	127		1032	16.9
6	J600/18	150QJ25-105/18	15	11	20m³/112m	25m³/105m	30m³/79m	40	150		1175	19.1
7	J600/22	150QJ25-125/22	17.5	13	20m³/139m	25m³/126m	30m³/94m	40	162		1370	22
8	J600/26	150QJ25-155/26	20	15	20m³/165m	25m³/155m	30m³/100m	40	210		1564	25
9	J1000/4	150QJ40-21/4	7.5	5.5	35m³/27m	40m³/21m	45m³/15m	53	45	80 mm (3")	725	12.5
10	J1000/6	150QJ40-36/6	10	7.5	35m³/43m	40m³/36m	45m³/28m	53	67		915	15.6
11	J1000/7	150QJ40-50/7	13	9.2	35m³/58m	40m³/50m	45m³/42m	53	79		1010	17.2
12	J1000/9	150QJ40-55/9	15	11	35m³/65m	40m³/55m	45m³/53m	53	108		1200	20.3
13	J1000/12	150QJ40-86/12	20	15	35m³/100m	40m³/86m	45m³/70m	53	144		1485	25.1
14	J1000/15	150QJ40-107/15	25	18.5	35m³/125m	40m³/107m	45m³/87m	53	180		1770	29.8
15	J1000/18	150QJ40-129/18	30	22	35m³/150m	40m³/129m	45m³/105m	53	216		2055	34.5

*Length and weight are for pump only without motor. For motor parameters, please refer to the motor detail page

● 4 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE	MOTOR POWER		CAPACITY												OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
				m3/h	0	0.9	1.2	1.5	2	2.1	2.4	3	3.6	4.2	5	6		
		HP	kW	L/min	0	15	20	25	33	35	40	50	60	70	83	100		
1	4SG2/9	0.5	0.37	HEAD (M)	54	48	44	41	36		23						337	3.24
2	4SG2/13	0.75	0.55		79	69	64	60	52		39						420	4.32
3	4SG2/18	1	0.75		107	93	87	80	72		55						526	5.67
4	4SG2/23	1.5	1.1		135	120	111	103	92		73						631	7.02
5	4SG2/28	2	1.5		160	150	139	129	112		81						736	8.37
6	4SG2/33	2	1.5		188	169	161	149	132		97						841	9.72
7	4SG2/40	3	2.2		227	202	187	172	160		122						988	11.61
8	4SG2/48	3	2.2		282	254	235	215	192		142						1156	13.77
9	4SG3/6	0.5	0.37	HEAD (M)	37					31	29	25	21	16			274	1.66
10	4SG3/9	0.75	0.55		55					48	44	38	31	23			337	2.8
11	4SG3/12	1	0.75		74					63	58	51	40	26			400	3.94
12	4SG3/15	1.5	1.1		92					80	77	64	47	40			163	5.08
13	4SG3/18	1.5	1.1		108					89	82	77	57	39			526	6.22
14	4SG3/22	2	1.5		131					111	101	94	72	49			610	7.74
15	4SG3/25	2	1.5		151					126	115	107	78	53			673	8.88
16	4SG3/29	3	2.2		177					148	138	124	92	62			757	10.4
17	4SG3/33	3	2.2		198					172	164	141	118	80			841	11.92
18	4SG3/39	4	3		232					204	195	167	138	94			967	14.2
19	4SG3/45	4	3		272					233	224	194	162	110			1093	16.48
20	4SG3/52	5.5	4		328					272	261	224	184	123			1240	19.14
21	4SG5/4	0.5	0.37	HEAD (M)	25							20	19	17	16	10	232	2.18
22	4SG5/6	0.75	0.55		38							31	29	27	24	18	274	2.74
23	4SG5/8	1	0.75		51							42	39	37	32	24	316	3.3
24	4SG5/12	1.5	1.1		76							61	58	53	48	34	400	4.42
25	4SG5/17	2	1.5		105							82	79	74	68	46	505	5.82
26	4SG5/21	3	2.2		131							103	99	93	84	58	589	6.94
27	4SG5/25	3	2.2		156							125	118	110	100	66	673	8.06
28	4SG5/33	4	3		205							166	156	147	132	86	841	10.3
29	4SG5/38	5.5	4		237							195	184	173	152	110	946	11.7
30	4SG5/44	5.5	4		281							221	210	195	176	121	1072	13.38
31	4SG5/52	7.5	5.5		321							261	247	233	208	147	1240	15.62
32	4SG5/60	7.5	5.5		349							294	276	256	240	155	1408	17.86

● 4 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

NO	TYPE	MOTOR POWER		CAPACITY							OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
				m3/h	0	3.6	4.8	8	9.6	10.8			
		HP	kW	L/min	0	60	80	133	160	180			
33	4SG8/5	1	0.75	HEAD (M)	29	25	24	21	16	12	2"	289	5.02
34	4SG8/7	1.5	1.1		40	35	33	30	21	16		349	5.62
35	4SG8/10	2	1.5		58	49	47	43	31	23		439	6.52
36	4SG8/12	3	2.2		67	58	55	51	38	29		499	7.12
37	4SG8/15	3	2.2		87	74	69	64	46	36		589	8.02
38	4SG8/18	4	3		103	88	83	77	54	41		679	8.92
39	4SG8/21	5.5	4		120	103	97	90	67	51		769	9.82
40	4SG8/25	5.5	4		142	125	118	107	77	57		889	11.02
41	4SG8/30	7.5	5.5		172	153	144	129	100	76		1039	12.52
42	4SG8/37	7.5	5.5		210	175	165	159	105	82		1249	14.62
43	4SG8/44	10	7.5		251	215	204	189	135	95		1459	16.72
44	4SG8/50	10	7.5		288	254	242	215	168	129		1639	18.52

NO	TYPE	MOTOR POWER		CAPACITY							OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
				m3/h	0	6	8.4	12	14	18			
		HP	kW	L/min	0	100	140	200	233	300			
45	4SG14/5	2	1.5	HEAD (M)	33	30	29	25	22	14	2"	349	3.56
46	4SG14/7	3	2.2		45	43	41	36	30	19		433	4.46
47	4SG14/10	4	3		65	61	58	51	44	28		559	5.81
48	4SG14/13	5.5	4		81	73	69	63	57	41		685	7.16
49	4SG14/18	7.5	5.5		112	98	93	84	79	53		895	9.41
50	4SG14/25	10	7.5		164	150	140	120	110	70		1189	12.56



● 5 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE	MOTOR POWER			CAPACITY										OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
		HP	kW	L/min	0	5	8	10	12	15	20	25	30	35			
					0	83	133	167	200	250	233	416	500	583			
1	5SG10/3	2	1.5	HEAD (M)	33	31	29	27	25	21	12				2"	381	8.5
2	5SG10/4	3	2.2		44	41	38	36	33	28	16					428	9.24
3	5SG10/6	4	3		66	62	58	55	49	42	24					522	10.72
4	5SG10/8	5.5	4		88	82	77	73	66	56	32					616	12.21
5	5SG10/11	7.5	5.5		121	113	106	100	90	77	44					757	14.44
6	5SG10/15	10	7.5		165	155	144	137	123	105	60					945	17.41
7	5SG10/18	12.5	9.2		198	185	173	164	148	126	72					1086	19.64
8	5SG10/22	15	11		242	227	211	200	180	154	88					1274	22.61
9	5SG10/26	17.5	13		286	268	250	237	213	182	104					1462	25.58
10	5SG10/30	20	15		330	309	288	273	246	210	120					1650	28.56
11	5SG20/3	3	2.2	HEAD (M)	32			28		26	23	17	11		2 1/2"	381	8.38
12	5SG20/4	4	3		42			37		34	30	23	14			428	9.09
13	5SG20/6	5.5	4		63			55		52	45	35	22			522	10.5
14	5SG20/8	7.5	5.5		84			74		69	60	46	29			616	11.91
15	5SG20/11	10	7.5		116			101		95	83	64	40			757	14.02
16	5SG20/13	12.5	9.2		137			120		112	98	75	47			851	15.43
17	5SG20/16	15	11		168			147		138	120	93	58			992	17.55
18	5SG20/19	17.5	13		200			175		163	143	110	68			1133	19.66
19	5SG20/22	20	15		231			202		189	165	128	79			1274	21.78
20	5SG25/2	2	1.5	HEAD (M)	22					19	18	15	11	7	3"	334	7.79
21	5SG25/3	3	2.2		33					28	26	22	16	11		381	8.55
22	5SG25/4	4	3		44					37	35	30	22	14		428	9.31
23	5SG25/5	5.5	4		55					47	44	37	27	18		475	10.07
24	5SG25/7	7.5	5.5		77					65	62	52	38	25		569	11.59
25	5SG25/10	10	7.5		110					93	88	75	54	36		710	13.87
26	5SG25/12	12.5	9.2		132					112	106	90	65	43		804	15.39
27	5SG25/14	15	11		154					130	123	105	76	50		898	16.91
28	5SG25/17	17.5	13		187					158	150	127	92	61		1039	19.19
29	5SG25/20	20	15		220					186	176	150	108	72		1180	21.47

● 6 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE	MOTOR POWER			CAPACITY										OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
				m3/h	0	10	12	15	17	20	21	23	25	30			
		HP	kW	L/min	0	166	200	250	283	333	350	383	416	500			
1	6SG17/1	0.75	0.55	HEAD (M)	17		13	10	8		7	6			2 1/2"	313	3.71
2	6SG17/2	1.5	1.1		24		20	18	16		13	11				362	4.74
3	6SG17/4	3	2.2		42		36	32	32		22	18				460	6.8
4	6SG17/5	4	3		56		47	41	41		29	25				509	7.83
5	6SG17/6	5.5	4		69		58	53	49		41	35				558	8.86
6	6SG17/7	5.5	4		75		66	59	57		45	37				607	9.89
7	6SG17/10	7.5	5.5		108		96	86	82		61	47				754	13
8	6SG17/13	10	7.5		141		137	109	106		70	57				901	16.09
9	6SG17/17	12.5	9.2		184		163	147	139		100	80				1097	20.21
10	6SG17/20	15	11		214		180	163	164		106	88				1244	23.3
11	6SG17/22	17.5	13		239		212	190	180		129	105				1342	25.36
12	6SG17/24	17.5	13		260		230	208	196		140	115				1440	27.42
13	6SG17/27	20	15		298		258	242	221		179	140				1587	30.51
14	6SG17/29	25	18.5		314		279	250	237		170	146				1685	32.57
15	6SG17/31	25	18.5		335		298	269	254		181	148				1783	34.63
16	6SG17/33	25	18.5		355		315	285	270		191	157				1881	36.69
17	6SG17/36	30	22		390		348	313	295		210	170				2028	39.78
18	6SG17/38	30	22		410		365	330	311		222	180				2126	41.84
19	6SG17/40	30	22		433		384	346	328		235	190				2224	43.9
20	6SG20/1	1	0.75	HEAD (M)	11	10		9		8			6	3	2 1/2"	313	3.5
21	6SG20/2	2	1.5		23	21		19		17			12	6		362	4.6
22	6SG20/3	3	2.2		34	31		29		26			18	10		411	5.7
23	6SG20/4	4	3		45	42		39		34			24	13		460	6.8
24	6SG20/6	5.5	4		68	63		58		51			36	19		558	9
25	6SG20/9	7.5	5.5		102	94		87		76			54	29		705	12.3
26	6SG20/11	10	7.5		125	115		106		93			66	35		803	14.5
27	6SG20/14	12.5	9.2		159	146		135		119			84	45		950	17.8
28	6SG20/17	15	11		193	178		164		144			102	55		1097	21.1
29	6SG20/20	17.5	13		227	209		193		170			120	64		1244	24.4
30	6SG20/24	20	15		272	251		232		204			144	77		1440	28.8
31	6SG20/28	25	18.5		317	292		271		238			168	90		1636	33.2
32	6SG20/34	30	22		385	355		329		289			204	110		1930	39.8
33	6SG20/40	35	26		453	418		387		340			240	129		2224	46.4

*Length and weight are for pump only without motor. For motor parameters, please refer to the motor detail page

● 6 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE	MOTOR POWER		CAPACITY										OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
				m3/h	0	15	18	24	30	36	42	46	60			
		HP	kW	L/min	0	250	300	400	500	600	700	766	1000			
1	6SG30/2	3	2.2	HEAD (M)	24		19	17	15	11	6			3"	458	7.1
2	6SG30/3	4	3		34		28	25	23	15	7				554	8.9
3	6SG30/4	5.5	4		46		37	33	31	19	11				650	10.7
4	6SG30/6	7.5	5.5		67		56	50	47	30	17				842	14.3
5	6SG30/8	10	7.5		90		73	65	62	41	18				1034	17.9
6	6SG30/11	12.5	9.2		125		102	90	86	50	30				1322	23.3
7	6SG30/13	15	11		146		118	105	102	62	35				1514	26.9
8	6SG30/15	17.5	13		173		141	127	117	73	70				1706	30.5
9	6SG30/17	20	15		194		158	140	133	85	73				1898	34.1
10	6SG30/19	25	18.5		210		182	161	149	101	77				2090	37.7
11	6SG30/21	25	18.5		238		193	170	165	110	78				2282	41.3
12	6SG30/24	30	22		260		230	207	188	136	90				2570	46.7
13	6SG30/26	30	22		288		238	213	204	147	93				2762	50.3
14	6SG30/29	35	26		325		287	257	227	170	113				3050	55.7
15	6SG30/32	40	30		358		313	281	251	190	130				3338	61.1
16	6SG30/35	40	30		388		346	311	275	211	148				3626	66.5
17	6SG46/2	4	3	HEAD (M)	28	27		24	22			17	10	4"	496	7.64
18	6SG46/3	7.5	5.5		44	41		39	36			26	17		609	10.14
19	6SG46/5	10	7.5		66	64		55	53			44	24		835	15.14
20	6SG46/7	15	11		98	86		85	80			61	37		1061	20.14
21	6SG46/10	20	15		137	134		117	107			88	50		1400	27.64
22	6SG46/12	25	18.5		165	162		142	130			105	85		1626	32.64
23	6SG46/15	30	22		212	208		180	167			132	100		1965	40.14
24	6SG46/17	35	26		234	222		200	186			149	105		2191	45.14
25	6SG46/19	40	30		260	248		224	208			167	118		2417	50.14
26	6SG46/22	50	37		302	288		260	241			193	123		2756	57.64
27	6SG46/24	50	37		330	317		287	265			211	140		2980	62.64

● 6 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE	MOTOR POWER		CAPACITY							OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
				m3/h	0	18	27	42	60	78			
		HP	kW	L/min	0	300	450	700	1000	1300			
28	6SG60/1	3	2.2	HEAD (M)	25	22	21	16	8	7	4"	383	6.27
29	6SG60/2	5	4		31	29	27	20	15	8		496	8.52
30	6SG60/3	7.5	5.5		45	44	40	30	23	9		609	10.77
31	6SG60/4	10	7.5		60	56	50	38	31	10		722	13.02
32	6SG60/5	12.5	9.2		70	67	62	50	38	13		835	15.26
33	6SG60/6	15	11		88	84	74	61	46	14		948	17.51
34	6SG60/7	17.5	13		97	94	86	70	54	15		1061	19.76
35	6SG60/8	20	15		117	107	95	81	62	16		1174	22.01
36	6SG60/9	25	18.5		125	120	110	93	70	21		1287	24.26
37	6SG60/10	25	18.5		140	135	125	102	77	30		1400	26.51
38	6SG60/11	30	22		156	150	135	110	85	33		1513	28.76
39	6SG60/12	30	22		174	162	145	115	93	40		1626	31.01
40	6SG60/13	35	26		180	173	160	132	101	57		1739	33.26
41	6SG60/14	5	26		194	188	175	142	108	63		1852	35.51
42	6SG60/15	35	26		210	203	187	152	116	67		1965	37.76
43	6SG60/16	40	30		222	216	200	162	124	72		2078	40.01
44	6SG60/17	40	30		240	230	241	175	132	78		2191	42.26
45	6SG60/18	50	37		255	243	226	190	140	83		2304	44.51
46	6SG60/20	50	37		288	267	248	201	155	90		2530	49.01



● 8 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

NO	LIYUAN TYPE	MOTOR POWER		CAPACITY										OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
				m3/h	0	18	36	54	60	77	95	102	120			
		HP	kW	L/min	0	300	600	900	1000	1283	1853	1700	2000			
1	8SG77/1	7.5	7.5	HEAD (M)	21	19.5	17	14		13		7		5"	392	13.2
2	8SG77/2	10	10		41	37	33	28		26		13			496	16.37
3	8SG77/3	15	11		61	57	50	43		39		20			600	19.54
4	8SG77/4	20	15		80	76	67	58		53		27			704	22.71
5	8SG77/5	22	18.5		100	94	84	73		66		33			808	25.88
6	8SG77/6	30	22		121	113	101	88		79		40			912	29.05
7	8SG77/7	35	26		142	133	120	104		93		47			1016	32.22
8	8SG77/8	40	30		159	150	135	117		106		53			1120	35.39
9	8SG77/9	40	30		177	167	152	131		119		58			1224	38.56
10	8SG77/10	50	37		200	188	168	145		133		68			1328	41.73
11	8SG77/11	50	37		218	207	186	159		146		74			1432	44.9
12	8SG77/12	60	45		249	240	2173	190		159		99			1536	48.07
13	8SG77/13	75	55		269	259	235	205		172		107			1640	51.24
14	8SG77/15	75	55		308	298	273	237		199		120			1848	57.58
15	8SG77/16	85	63		328	318	290	252		212		132			1952	60.75
16	8SG77/18	85	63		372	359	328	285		239		147			2160	67.09
17	8SG77/20	100	75		410	397	364	315		266		159			2368	73.43
18	8SG95/1	7.5	5.5	HEAD (M)	22	21	18		15		12		8	5"	416	13.2
19	8SG95/2	12.5	9.2		43	41	37		31		24		15		544	16.99
20	8SG95/3	17.5	13		65	62	57		47		26		26		672	20.78
21	8SG95/4	25	18.5		84	82	75		62		48		30		800	24.57
22	8SG95/5	30	22		106	102	94		77		60		38		928	28.36
23	8SG95/6	35	26		128	123	114		94		72		46		1056	32.15
24	8SG95/7	40	30		147	143	132		110		84		53		1184	35.94
25	8SG95/8	50	37		170	164	152		126		96		62		1312	39.73
26	8SG95/9	50	37		190	182	169		140		108		68		1440	43.52
27	8SG95/10	60	45		215	206	190		162		120		82		1568	47.31
28	8SG95/11	75	55		238	230	212		180		132		90		1696	51.1
29	8SG95/12	75	55		260	250	231		197		144		99		1824	54.89
30	8SG95/13	75	55		280	268	250		210		156		106		1952	58.68
31	8SG95/14	85	63		301	291	271		230		168		116		2080	62.47
32	8SG95/15	100	75		325	312	292		248		180		126		2208	66.26
33	8SG95/17	100	75		365	350	327		277		204		140		2464	73.84
34	8SG95/18	125	93		388	372	350		296		216		150		2592	77.63
35	8SG95/20	125	93		431	412	388		333		240		166		2848	85.21

● 10 Inch Submersible Pump-SG-SS impeller



SINCE 1992
LIYUAN PUMP

LIYUAN TYPE	MOTOR POWER		CAPACITY												OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
			m3/h	0	60	70	80	90	100	125	140	150	160	162			
	HP	kW	L/min	0	1000	1167	1333	1500	1667	2083	2333	2500	1667	2700			
10SG125/1	15	11	HEAD (M)	30	27	25	24	23	22	20	17	15	13	12	6"	592	25
10SG125/2	30	22		59	54	52	50	48	46	40	35	32	27	26		738	32
10SG125/3	40	30		88	80	77	74	72	69	60	53	47	40	39		884	40
10SG125/4	50	37		116	106	102	99	95	91	80	71	63	54	52		1030	48
10SG125/5	75	55		146	137	132	127	123	118	100	93	84	72	70		1176	56
10SG125/6	85	63		175	164	158	153	147	142	120	112	100	87	84		1322	63
10SG125/7	100	75		204	191	184	178	172	165	140	130	117	101	97		1468	70
10SG125/8	100	75		232	216	209	202	195	188	160	147	131	113	109		1614	78
10SG125/9	125	92		260	242	234	226	218	209	180	163	146	125	121		1760	86
10SG125/10	125	92		287	267	258	249	240	231	200	179	159	137	132		1906	93
LIYUAN TYPE	MOTOR POWER		CAPACITY												OUTLET (inch)	PUMP BODY L (mm)	PUMP BODY W (kg)
			m3/h	0	80	90	100	110	120	130	160	170	180	190			
	HP	kW	L/min	0	1333	1500	1667	1833	2000	2167	2667	2833	3000	3167			
10SG160/1	17.5	13	HEAD (M)	34	28	26	25	24	23	22	20	19	18	16	6"	602	26
10SG160/2	35	26		65	55	52	50	48	46	45	40	38	35	32		758	34
10SG160/3	50	37		96	82	78	75	72	70	68	60	57	53	48		941	42
10SG160/4	75	55		129	111	107	103	100	96	93	80	79	74	67		1070	50
10SG160/5	85	63		161	139	133	129	124	120	116	100	98	91	83		1226	58
10SG160/6	100	75		192	166	159	154	148	144	139	120	117	109	99		1382	66
10SG160/7	125	92		222	191	184	177	171	166	161	140	135	125	113		1538	74
10SG160/8	125	92		252	217	208	201	194	188	182	160	152	140	127		1694	82
10SG160/9	150	110		284	246	236	220	220	213	206	180	172	160	145		1850	90

Main Specifications:

Rated Input Voltage:AC220V/50Hz,60Hz

Single Phase Rated Output Power:0.37KW-2.2KW(0.5hp-3hp)

Protection function:

- ◆ Overload protection
- ◆ Under/overvoltage protection
- ◆ Motor stalled protection
- ◆ Dry run protection with sensor free

Main Features:

- ◆ Control characteristic: Pulse electrode probe/Float switch /Electric contact Pressure Gauge/Pressure switch
- ◆ Display features: Hd LCD dynamic English language display
- ◆ Control mode: Manual/Auto
- ◆ Have complete protection function in manual/automatic state
- ◆ Pump last five fault record displaying
- ◆ Pump accumulative running time displaying
- ◆ Pump shaft rust protection
- ◆ Push button calibration
- ◆ Flashing instruction when probe link reverses
- ◆ Failure alarm
- ◆ Rapid filling water when power cut or back
- ◆ Button calibration state indication
- ◆ Level sensor transmitting distance≤200m

C1-S2



Grade of Protection:IP54

SINGLE PHASE 50Hz 60Hz 220V

TYPE	MOTOR POWER (kW)	UNIT PACKAGE SIZE (cm)	G.W (KG)	PACKING QUANTITY (PCS)	PACKING SIZE (cm)	PACKING G.W (KG)
C1-S2-WITHOUT CAP	0.37-2.2	22*15.3*7.8	0.66	18	34*36*53	12.7
C1-S2-25CF	0.37		0.8	18		15.22
C1-S2-30CF	0.55		0.8	18		15.22
C1-S2-40CF	0.75		0.81	18		15.4
C1-S2-45CF	1.1		0.84	18		15.94
C1-S2-50CF	1.5		0.84	18		15.94
C1-S2-70CF	2.2		0.85	18		16.12

C3-SP1



Grade of Protection:IP22

Main Specifications:

Rated Input Voltage: AC380V/50Hz, 60H. Three Phase

Rated Output Power: 0.75kw-4kw (1hp-5.5hp)

5.5kw-7.5kw (7.5hp-10hp)

Protection function:

- ◆ Overload protection
- ◆ Under/overvoltage protection
- ◆ Motor stalled protection
- ◆ Dry run protection with sensor free
- ◆ Open phase protection

Main Features:

- ◆ Control characteristic: Pulse electrode probe/Float switch /Electric contact Pressure Gauge/Pressure switch
- ◆ Display features: Hd LCD dynamic English language display
- ◆ Control mode: Manual/Auto
- ◆ Have complete protection function in manual/automatic state
- ◆ Pump last five fault record displaying
- ◆ Pump accumulative running time displaying
- ◆ Pump shaft rust protection
- ◆ Push button calibration
- ◆ Flashing instruction when probe link reverses
- ◆ Failure alarm
- ◆ Rapid filling water when power cut or back
- ◆ Button calibration state indication
- ◆ Drainage overflow alarm
- ◆ Level sensor transmitting distance≤200m

THREE PHASE 50Hz 60Hz 380V

TYPE	MOTOR POWER (kW)	UNIT PACKAGE SIZE (cm)	G.W (KG)	PACKING QUANTITY (PCS)	PACKING SIZE (cm)	PACKING G.W (KG)
C3-SP1	0.75-4kW	16.7*19.5*10.5	1.24	12	34*36*53	15.7
C3-SP1	5.5-7.5kW		1.3	12		16.42

M3-D1C/K

Main Specifications:

Rated Input Voltage: AC380V/50Hz, 60H. Three Phase

Rated Output Power: 0.75kw-4kw (1hp-5.5hp)

5.5kw-7.5kw (7.5hp-10hp)

11kw(15hp)

15kw(20hp)

18.5kw(25hp)

Protection function:

- ◆ Overload protection
- ◆ Under/overvoltage protection
- ◆ Motor stalled protection
- ◆ Dry run protection with sensor free
- ◆ Open phase protection



Grade of Protection:IP54

Main Features:

- ◆ Control characteristic: Pulse electrode probe/Float switch /Electric contact Pressure Gauge/Pressure switch
- ◆ Display features: Hd LCD dynamic English language display
- ◆ Control mode: Manual/Auto
- ◆ Have complete protection function in manual/automatic state
- ◆ Pump last five fault record displaying
- ◆ Pump accumulative running time displaying
- ◆ Pump shaft rust protection
- ◆ Push button calibration
- ◆ Flashing instruction when probe link reverses
- ◆ Failure alarm
- ◆ Rapid filling water when power cut or back
- ◆ Button calibration state indication
- ◆ Drainage overflow alarm
- ◆ Level sensor transmitting distance≤200m
- ◆ With air switch

THREE PHASE 50Hz 60Hz 380V

TYPE	MOTOR POWER (kW)	UNIT PACKAGE SIZE (cm)	G.W (KG)	PACKING QUANTITY (PCS)	PACKING SIZE (cm)	PACKING G.W (KG)
M3-D1C/K	11kW	30.5*14.5*24	2.42	6	46*32.5*50.5	15.54
M3-D2C/K	15kW		2.62	6		16.74
M3-D2C/K	18.5kW		2.82	6		17.94

WLD280

Main Specifications:

Input & Output Voltage and Power Range:

Rated Input: AC380V/50Hz, 60H. Three Phase & DC Input :420-720VDC

Rated Output: Three Phase 0-380V: 0.75-200kW

Protection function:

- ◆ Protection Function
- ◆ Output short circuit protection
- ◆ Over-voltage and low-voltage protection
- ◆ Overload ,Over-current,Phase failure protection



Main Features:

- ◆ Adopting advanced MPPT technology,make full used of the power generation efficiency of solar panel array;
- ◆ Support photovoltaic / city two kinds of power source independent selection;
- ◆ It can automatically adjust the water flow along with the intensity of sunlight;
- ◆ Automatic sleep when on high-water level and automatic restart when on low-water level to realize automatic control though water level;
- ◆ Water shortage protection:prevent pump from dry running when there no water;
- ◆ It can also enter automatically sleep mode when the intensity of sunlight is weak(e.g.the sun rise);
- ◆ Supports optional step-up module to improve the utilization of AC solar pump;
- ◆ With various protection functions,improve the reliability of whols system and special designed for water user,it is widely used on various application and easy operation.

Model No.	Rated Output Power(Kw)	Rated Input Current(A)	Rated Output Current(A)	Motor Power (kW)
WLD280-4001	0.75	3.4	2.1	0.75
WLD280-4002	1.5	5	3.8	1.5
WLD280-4003	2.2	5.8	5.1	2.2
WLD280-4005	4	13.5	9.5	4
WLD280-4007	5.5	19.5	14.0	5.5
WLD280-4010	7.5	25	18.5	7.5
WLD280-4015	11	32	25.0	11
WLD280-4020	15	40	32.0	15
WLD280-4025	18.5	47	38.0	18.5
WLD280-4030	22	51	45.0	22
WLD280-4040	30	70	60.0	30
WLD280-4050	37	80	75.0	37
WLD280-4060	45	98	92.0	45
WLD280-4075	55	128	115.0	55
WLD280-4100	75	139	152.0	75
WLD280-4120	90	168	180.0	90
WLD280-4150	110	201	215.0	110
WLD280-4180	132	265	260.0	132
WLD280-4215	160	310	305.0	160
WLD280-4250	185	345	340.0	185
WLD280-4270	200	385	380.0	200

Traditional Brushless Solar Pump

1. Can be powered by both solar panel and battery
2. Environmental protection, clean energy
3. High efficiency permanent magnetic motor, efficiency improved by 20~40%
4. Over voltage and under voltage protection
5. Over current protection
6. Locked rotor protection
7. Lost phase protection
8. Low water level sensor protection
9. High water level sensor protection
10. Reverse protection
11. MPPT function (Maximum Power Point Tracking)
12. Low temperature rise
13. Remote control system (option)



3LSS/4LSS Series Screw Solar Pump

Material Of Pump

- ◎ Outlet: 304 stainless steel
- ◎ Pump head: 304 stainless steel
- ◎ Pump body: 304 stainless steel
- ◎ Impeller: Screw(rubber+ 304 stainless steel)
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Oil cooling
- ◎ MPPT function controller

Product Features

- ◎ Only use it for clean water
- ◎ High lift but small flow, fit for home use, drinking water
- ◎ Small power of solar pump needs less solar panels
- ◎ Warranty: 2 years

Model Analysis

3LSS1.0/50-24/180

3:3 inch pump body dimension

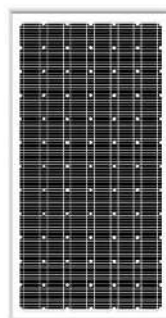
LSS: Solar pump screw model

10: Max flow

50: Max head

24: Pump voltage

180: Pump power



3LSS

4LSS

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3LSS1.0/50-24/180	24	180	1.0	50	0.75"
3LSS1.2/60-24/250	24	250	1.2	60	0.75"
3LSS1.2/85-24/350	24	350	1.2	85	0.75"
3LSS1.5/85-48/400	48	400	1.5	85	0.75"
3LSS1.9/90-60/500	60	500	1.9	90	0.75"
3LSS2.0/110-72/750	72	750	2.0	110	0.75"
4LSS2.3/85-60/600	60	600	2.3	85	1"
4LSS3.6/110-72/750	72	750	3.6	110	1"

3LSC Series Plastic Impeller Solar Pump

Material Of Pump

- © Outlet: Brass
- © Pump head: Brass
- © Pump body: 201 stainless steel
- © Impeller: Plastic impeller
- © Motor: Permanent magnet DC brushless motor
- © Cable: 2M
- © Oil cooling
- © MPPT function controller

Product Features

- © Only use it for clean water
- © Max head is 230M. max flow is 6.5M³/H
- © Fit for small farm, livestock
- © Warranty: 2 years

Model Analysis

3LSC2.5/20-24/250

3:3 inch pump body dimension

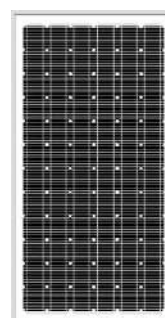
LSC: Solar pump centrifugal model

2.5: Max flow

20: Max head

24: Pump voltage

250: Pump power



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3LSC2.5/20-24/250	24	250	2.5	20	1"
3LSC3.0/40-48/400	48	400	3.0	40	1"
3LSC3.5/60-72/600	72	600	3.5	60	1"
3LSC3.5/75-96/750	96	750	3.5	75	1"
3LSC3.5/110-72/1100	72	1100	3.5	110	1"
3LSC3.5/150-96/1500	96	1500	3.5	150	1"
3LSC3.5/230-280/2200	280	2200	3.5	230	1"
3LSC3.5/25-48/400	48	400	3.5	25	1"
3LSC4.0/40-72/600	72	600	4.0	40	1"
3LSC4.5/55-96/750	96	750	4.5	55	1"
3LSC4.5/85-72/1100	72	1100	4.5	85	1"
3LSC4.5/110-96/1500	96	1500	4.5	110	1"
3LSC4.5/180-280/2200	280	2200	4.5	180	1"
3LSC5.5/22-48/400	48	400	5.5	22	1"
3LSC6.0/35-72/600	72	600	6.0	35	1"
3LSC6.5/45-96/750	96	750	6.5	45	1"
3LSC6.5/70-72/1100	72	1100	6.5	70	1"
3LSC6.5/100-96/1500	96	1500	6.5	100	1"
3LSC6.5/150-280/2200	280	2200	6.5	150	1"

3PSS Series Stainless Steel Impeller Solar Pump

Material Of Pump

- © Outlet: 304 stainless steel
- © Pump head: 304 stainless steel
- © Pump body: 304 stainless steel
- © Impeller: 304 stainless steel
- © Motor: Permanent magnet DC brushless motor
- © Cable: 2M
- © Oil cooling
- © MPPT function controller

Product Features

- © Max head is 200M. max flow is 4.5 M3/H
- © High lift and small flow, fit for small farm, livestock
- © Warranty: 2 years

Model Analysis

3PSS4.5/35-48/400

3:3 inch pump body dimension

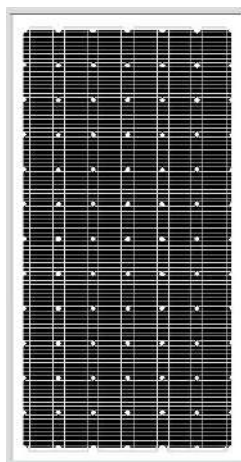
PSS: Solar pump centrifugal model

4.5: Max flow

35: Max head

48: Pump voltage

400: Pump power



ITEM	VOLTAGE	POWER	MAX FLOW	MAX HEAD	OUTLET
NO.	(V)	(W)	(M ³ /H)	(M)	(INCH)
3PSS4.5/35-48/400	48	400	4.5	35	1.25"
3PSS4.5/55-72/600	72	600	4.5	55	1.25"
3PSS4.5/65-96/750	96	750	4.5	65	1.25"
3PSS4.5/95-72/1100	72	1100	4.5	95	1.25"
3PSS4.5/130-96/1500	96	1500	4.5	130	1.25"
3PSS4.5/200-280/2200	280	2200	4.5	200	1.25"

4LSC Series Plastic Impeller Solar Pump

Material Of Pump

- © Outlet: Brass
- © Pump head: Brass
- © Pump body: 201 stainless steel
- © Impeller: Plastic impeller
- © Motor: Permanent magnet DC brushless motor
- © Cable: 2M
- © Oil cooling
- © MPPT function controller

Model Analysis

4LSC2.5/20-24/250

4: 4 inch pump body dimension

LSC: Solar pump centrifugal model

2.5: Max flow

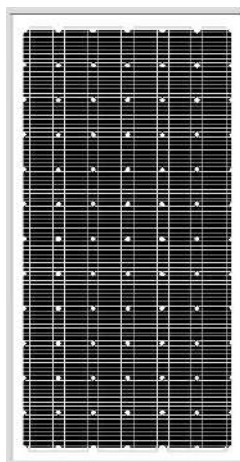
20: Max head

24: Pump voltage

250: Pump power

Product Features

- © Only use it for clean water
- © Max head is 190M, max flow is 14.5 M³/H
- © Fit for farm and livestock
- © Warranty: 2 years



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4LSC2.5/20-24/250	24	250	2.5	20	1.25"
4LSC3.0/40-24/400	24	400	3.0	40	1.25"
4LSC3.5/50-48/400	48	400	3.5	50	1.25"
4LSC3.5/65-72/600	72	600	3.5	65	1.25"
4LSC3.5/85-96/750	96	750	3.5	85	1.25"
4LSC3.5/95-120/900	120	900	3.5	95	1.25"
4LSC3.5/110-72/1100	72	1100	3.5	110	1.25"

4LSC Series Plastic Impeller Solar Pump

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4LSC3.0/18-24/250	24	250	3.0	18	1.25"
4LSC3.0/25-24/400	24	400	3.0	25	1.25"
4LSC4.0/35-48/400	48	400	4.0	35	1.25"
4LSC4.0/50-72/600	72	600	4.0	50	1.25"
4LSC4.0/70-96/750	96	750	4.0	70	1.25"
4LSC4.0/80-120/900	120	900	4.0	80	1.25"
4LSC4.0/95-72/1100	72	1100	4.0	95	1.25"
4LSC4.5/130-96/1500	96	1500	4.5	130	1.25"
4LSC4.5/190-280/2200	280	2200	4.5	190	1.25"
4LSC4.5/20-24/400	24	400	4.5	20	1.5"
4LSC5.5/25-48/400	48	400	5.5	25	1.5"
4LSC6.0/35-72/600	72	600	6.0	35	1.5"
4LSC6.5/50-96/750	96	750	6.5	50	1.5"
4LSC6.5/60-120/900	120	900	6.5	60	1.5"
4LSC6.5/75-72/1100	72	1100	6.5	75	1.5"
4LSC7.0/110-96/1500	96	1500	7.0	110	1.5"
4LSC7.5/150-280/2200	280	2200	7.5	150	1.5"
4LSC7.0/20-48/400	48	400	7.0	20	2"
4LSC9.0/30-72/600	72	600	9.0	30	2"
4LSC9.0/45-96/750	96	750	9.0	45	2"
4LSC9.0/50-120/900	120	900	9.0	50	2"
4LSC9.0/65-72/1100	72	1100	9.0	65	2"
4LSC10.0/95-96/1500	96	1500	10.0	95	2"
4LSC10.0/130-280/2200	280	2200	10.0	130	2"
4LSC13.0/15-72/600	72	600	13.0	15	2"
4LSC13.0/25-96/750	96	750	13.0	25	2"
4LSC13.0/35-120/900	120	900	13.0	35	2"
4LSC14.0/40-72/1100	72	1100	14.0	40	2"
4LSC14.5/65-96/1500	96	1500	14.5	65	2"
4LSC14.5/95-280/2200	280	2200	14.5	95	2"

4PSS/6PSS Series Stainless Steel Impeller Solar Pump

Material Of Pump

- © Outlet: 304 stainless steel
- © Pump head: 304 stainless steel
- © Pump body: 304 stainless steel
- © Impeller: 304 stainless steel
- © Motor: Permanent magnet DC brushless motor
- © Cable: 2M
- © Oil cooling
- © MPPT function controller

Model Analysis

4PSS2.5/27-24/250

4: 4 inch pump body dimension

PSS: Solar pump centrifugal model

2.5: Max flow

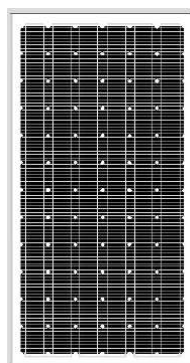
27: Max head

24: Pump voltage

250: Pump power

Product Features

- © Max head is 260M. max flow is 25 M³/H
- © High lift and big flow, fit for irrigation
- © Warranty: 2 years



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4PSS2.5/27-24/250	24	250	2.5	27	1.25"
4PSS2.5/40-24/400	24	400	2.5	40	1.25"
4PSS3.0/50-48/400	48	400	3.0	50	1.25"
4PSS3.0/80-72/600	72	600	3.0	80	1.25"
4PSS3.0/100-96/750	96	750	3.0	100	1.25"
4PSS3.0/125-120/900	120	900	3.0	125	1.25"
4PSS3.0/140-72/1100	72	1100	3.0	140	1.25"
4PSS3.0/170-96/1500	96	1500	3.0	170	1.25"
4PSS3.5/260-280/2200	280	2200	3.5	260	1.25"
4PSS3.0/25-24/250	24	250	3.0	25	1.25"
4PSS3.0/40-24/400	24	400	3.0	40	1.25"

4PSS/6PSS Series Stainless Steel Impeller Solar Pump

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4PSS4.0/45-48/400	48	400	4.0	45	1.25"
4PSS4.0/70-72/600	72	600	4.0	70	1.25"
4PSS4.0/90-96/750	96	750	4.0	90	1.25"
4PSS4.0/100-120/900	120	900	4.0	100	1.25"
4PSS4.5/120-72/1100	72	1100	4.5	120	1.25"
4PSS4.5/150-96/1500	96	1500	4.5	150	1.25"
4PSS5.0/240-280/2200	280	2200	5.0	240	1.25"
4PSS4.0/35-24/400	24	400	4.0	35	1.25"
4PSS5.0/40-48/400	48	400	5.0	40	1.25"
4PSS5.5/50-72/600	72	600	5.5	50	1.25"
4PSS5.5/70-96/750	96	750	5.5	70	1.25"
4PSS5.5/85-120/900	120	900	5.5	85	1.25"
4PSS5.5/100-72/1100	72	1100	5.5	100	1.25"
4PSS6.0/130-96/1500	96	1500	6.0	130	1.25"
4PSS6.0/190-280/2200	280	2200	6.0	190	1.25"
4PSS5.0/25-24/400	24	400	5.0	25	1.5"
4PSS6.0/30-48/400	48	400	6.0	30	1.5"
4PSS7.0/40-72/600	72	600	7.0	40	1.5"
4PSS8.0/50-96/750	96	750	8.0	50	1.5"
4PSS8.0/65-120/900	120	900	8.0	65	1.5"
4PSS8.0/80-72/1100	72	1100	8.0	80	1.5"
4PSS9.0/100-96/1500	96	1500	9.0	100	1.5"
4PSS9.0/140-280/2200	280	2200	9.0	140	1.5"
4PSS15.0/30-96/750	96	750	15.0	30	2"
4PSS15.0/40-120/900	120	900	15.0	40	2"
4PSS15.0/45-72/1100	72	1100	15.0	45	2"
4PSS16.0/70-96/1500	96	1500	16.0	70	2"
4PSS17.0/100-280/2200	280	2200	17.0	100	2"
4PSS21.0/35-96/1500	96	1500	21.0	35	2"
4PSS21.0/55-280/2200	280	2200	21.0	55	2"
6PSS25.0/30-96/1500	96	1500	25.0	30	3"
6PSS25.0/45-280/2200	280	2200	25.0	45	3"

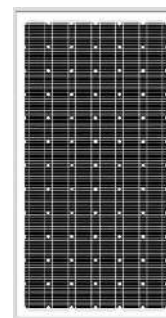
3LAR / 4 LAR Iron Series Plastic Impeller Solar Pump

Material Of Pump

- © Outlet: Iron
- © Pump head: Iron
- © Pump body: 201 stainless steel
- © Impeller: Plastic impeller
- © Motor: Permanent magnet DC brushless motor
- © Cable: 2M
- © Oil cooling
- © MPPT function controller

Product Features

- © Only use it for clean water
- © Fit for small farm, livestock
- © Warranty: 1 year



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3LAR2.5/20-24/250	24	250	2.5	20	1"
3LAR3.0/40-48/400	48	400	3.0	40	1"
3LAR3.5/60-72/600	72	600	3.5	60	1"
3LAR3.5/75-96/750	96	750	3.5	75	1"
3LAR3.5/U0-72/1100	72	1100	3.5	110	1"
3LAR3.5/150-96/1500	96	1500	3.5	150	1"
3LAR5.5/22-48/400	48	400	5.5	22	1"
3LAR6.0/35-72/600	72	600	6.0	35	1"
3LAR6.5/45-96/750	96	750	6.5	45	1"
3LAR6.5/70-72/1100	72	1100	6.5	70	1"
3LAR6.5/100-96/1500	96	1500	6.5	100	1"
ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4LAR2.5/20-24/250	24	250	2.5	20	1"
4LAR3.5/50-48/400	48	400	3.5	50	1"
4LAR3.5/65-72/600	72	600	3.5	65	1"
4LAR3.5/85-96/750	96	750	3.5	85	1"
4LAR3.5/110-72/1100	72	1100	3.5	110	1"
4LAR5.5/25-48/400	48	400	5.5	25	2"
4LAR6.0/35-72/600	72	600	6.0	35	2"
4LAR6.5/50-96/750	96	750	6.5	50	2"
4LAR6.5/75-72/1100	72	1100	6.5	75	2"
4LAR7.0/110-96/1500	96	1500	7.0	110	2"
4LAR7.5/150-280/2200	280	2200	7.5	150	1.5"
4LAR7.0/20-48/400	48	400	7.0	20	2"
4LAR9.0/30-72/600	72	600	9.0	30	2"
4LAR9.0/45-96/750	96	750	9.0	45	2"
4LAR9.0/65-72/1100	72	1100	9.0	65	2"
4LAR10.0/95-96/1500	96	1500	10.0	95	2"
4LAR10.0/130-280/2200	280	2200	10.0	130	2"
4LAR13.0/15-72/600	72	600	13.0	15	2"
4LAR13.0/25-96/750	96	750	13.0	25	2"
4LAR14.0/40-72/1100	72	1100	14.0	40	2"
4LAR14.5/65-96/1500	96	1500	14.5	65	2"
4LAR14.5/95-280/2200	280	2200	14.5	95	2"

AC/DC Hybrid Brushless Solar Pump

1. Brushless permanent magnetic motor, efficiency improved by 20%-40%, frequency conversion and controller outside
2. Soft start running, make motor life longer
3. Powered by AC/DC (AC power include: grid electricity and generator electricity; DC power include: solar panel and battery)
4. Supply voltage range: 90~460V DC (Solar panel Voc voltage); 90~240V AC at 50/60Hz
5. Reverse protection
6. MPPT built inside
7. Over current protection
8. Locked rotor protection
9. Phase deficiency protection
10. Low water level sensor protection
11. High water level sensor protection
12. AC/DC input option by manual or automatic
13. Remote control system (option)



3LSC-H Series Plastic Impeller Solar Pump

Material Of Pump

- © Outlet: Brass
- © Pump head: Brass
- © Pump body: 201 stainless steel
- © Impeller: Plastic impeller
- © Motor: Permanent magnet DC brushless motor
- © Cable: 2M
- © Oil cooling
- © MPPT function controller

Model Analysis

3LSC3.5/60-72/600-H

3: 3 inch pump body dimension

LSC: Solar pump centrifugal model

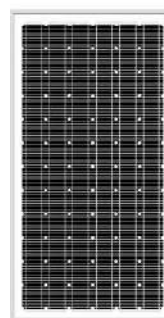
3.5: Max flow

60: Max head

72: Pump voltage

600: Pump power

H: AC/DC Hybrid



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3LSC3.5/60-72/600-H	72	600	3.5	60	1"
3LSC3.5/75-96/750-H	96	750	3.5	75	1"
3LSC3.5/110-144/1100-H	144	1100	3.5	110	1"
3LSC3.5/150-192/1500-H	192	1500	3.5	150	1"
3LSC3.5/230-280/2200-H	280	2200	3.5	230	1"
3LSC4.0/40-72/600-H	72	600	4.0	40	1"
3LSC4.5/55-96/750-H	96	750	4.5	55	1"
3LSC4.5/85-144/1100-H	144	1100	4.5	85	1"
3LSC4.5/110-192/1500-H	192	1500	4.5	110	1"
3LSC4.5/180-280/2200-H	280	2200	4.5	180	1"
3LSC6.0/35-72/600-H	72	600	6.0	35	1"
3LSC6.5/45-96/750-H	96	750	6.5	45	1"
3LSC6.5/70-144/1100-H	144	1100	6.5	70	1"
3LSC6.5/100-192/1500-H	192	1500	6.5	100	1"
3LSC6.5/150-280/2200-H	280	2200	6.5	150	1"

3PSS-H Series Stainless Steel Impeller Solar Pump

Material Of Pump

- © Outlet: 304 stainless steel
- © Pump head: 304 stainless steel
- © Pump body: 304 stainless steel
- © Impeller: 304 stainless steel
- © Motor: Permanent magnet DC brushless motor
- © Cable: 2M
- © Oil cooling
- © MPPT function controller

Product Features

- © Max head is 200M. max flow is 4.5 M³/H
- © High lift and big flow, fit for Irrigation
- © Warranty: 2 years

Model Analysis

3PSS4.5/55-72/600-H

3:3 inch pump body dimension

PSS: Solar pump centrifugal model

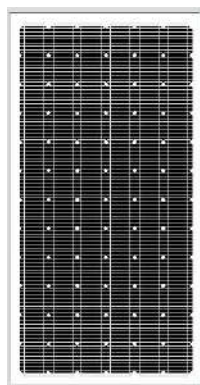
4.5: Max flow

55: Max head

72: Pump voltage

600: Pump power

H: AC/DC Hybrid



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3PSS4.5/55-72/600-H	72	600	4.5	55	1.25"
3PSS4.5/65-96/750-H	96	750	4.5	65	1.25"
3PSS4.5/95-144/1100-H	144	1100	4.5	95	1.25"
3PSS4.5/130-192/1500-H	192	1500	4.5	130	1.25"
3PSS4.5/200-280/2200-H	280	2200	4.5	200	1.25"

4LSC-H Series Plastic Impeller Solar Pump

Material Of Pump

- ◎ Outlet: Brass
- ◎ Pump head: Brass
- ◎ Pump body: 201 stainless steel
- ◎ Impeller: Plastic impeller
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 2M
- ◎ Oil cooling
- ◎ MPPT function controller

Product Features

- ◎ Only use it for clean water
- ◎ Max head is 190M, max flow is 14.5 M³/H
- ◎ Fit for small farm livestock

Model Analysis

4LSC4.0/50-72/600-H

4:4 inch pump body dimension

LSC: Solar pump centrifugal mode |

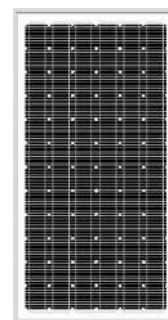
4.0: Max flow

50: Max head

72: Pump voltage

600: Pump power

H: AC/DC Hybrid



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4LSC4.0/50-72/600-H	72	600	4.0	50	1.25"
4LSC4.0/70-96/750-H	96	750	4.0	70	1.25"
4LSC4.0/80-120/900-H	120	900	4.0	80	1.25"
4LSC4.0/95-144/1100-H	144	1100	4.0	95	1.25"
4LSC4.5/130-192/1500-H	192	1500	4.5	130	1.25"
4LSC4.5/190-280/2200-H	280	2200	4.5	190	1.25"
4LSC6.0/35-72/600-H	72	600	6.0	35	1.5"
4LSC6.5/50-96/750-H	96	750	6.5	50	1.5"
4LSC6.5/60-120/900-H	120	900	6.5	60	1.5"
4LSC6.5/75-144/1100-H	144	1100	6.5	75	1.5"
4LSC7.0/110-192/1500-H	192	1500	7.0	110	1.5"
4LSC7.5/150-280/2200-H	280	2200	7.5	150	1.5"
4LSC9.0/30-72/600-H	72	600	9.0	30	2"
4LSC9.0/45-96/750-H	96	750	9.0	45	2"
4LSC9.0/50-120/900-H	120	900	9.0	50	2"
4LSC9.0/65-144/1100-H	144	1100	9.0	65	2"
4LSC10.0/95-192/1500-H	192	1500	10.0	95	2"
4LSC10.0/130-280/2200-H	280	2200	10.0	130	2"
4LSC13.0/15-72/600-H	72	600	13.0	15	2"
4LSC13.0/25-96/750-H	96	750	13.0	25	2"
4LSC13.0/35-120/900-H	120	900	13.0	35	2"
4LSC14.0/40-144/1100-H	144	1100	14.0	40	2"
4LSC14.5/65-192/1500-H	192	1500	14.5	65	2"
4LSC14.5/95-280/2200-H	280	2200	14.5	95	2"

4PSS-H/6PSS-H Series Stainless Steel Impeller Solar Pump

Material Of Pump

- ⊙ Outlet: 304 stainless steel
- ⊙ Pump head: 304 stainless steel
- ⊙ Pump body: 304 stainless steel
- ⊙ Impeller: 304 stainless steel
- ⊙ Motor: Permanent magnet dc brushless motor
- ⊙ Cable: 2M
- ⊙ Oil Cooling
- ⊙ MPPT function controller

Product Features

- ⊙ Max head is 260M. max flow is 25 M³/H
- ⊙ High lift and big flow, fit for Irrigation
- ⊙ Warranty: 2 years

Model Analysis

4PSS3.0/80-72/600-H

4:4 inch pump body dimension

PSS: Solar pump centrifugal model

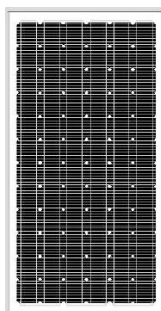
3.5: Max flow

40: Max head

24: Pump voltage

400: Pump power

H: AC/DC Hybrid



4PSS-H

6PSS-H

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4PSS3.0/80-72/600-H	72	600	3.0	80	1.25"
4PSS3.0/100-96/750-H	96	750	3.0	100	1.25"
4PSS3.0/125-120/900-H	120	900	3.0	125	1.25"
4PSS3.0/140-144/1100-H	144	1100	3.0	140	1.25"
4PSS3.0/170-192/1500-H	192	1500	3.0	170	1.25"
4PSS3.5/260-280/2200-H	280	2200	3.5	260	1.25"
4PSS5.5/50-72/600-H	72	600	5.5	50	1.25"
4PSS5.5/70-96/750-H	96	750	5.5	70	1.25"
4PSS5.5/85-120/900-H	120	900	5.5	85	1.25"
4PSS5.5/100-144/1100-H	144	1100	5.5	100	1.25"
4PSS6.0/130-192/1500-H	192	1500	6.0	130	1.25"
4PSS6.0/190-280/2200-H	280	2200	6.0	190	1.25"
4PSS7.0/40-72/600-H	72	600	7.0	40	1.5"
4PSS8.0/50-96/750-H	96	750	8.0	50	1.5"
4PSS8.0/65-120/900-H	120	900	8.0	65	1.5"
4PSS8.0/80-144/1100-H	144	1100	8.0	80	1.5"
4PSS9.0/100-192/1500-H	192	1500	9.0	100	1.5"
4PSS9.0/140-280/2200-H	280	2200	9.0	140	1.5"
4PSS15.0/30-96/750-H	96	750	15.0	30	2"
4PSS15.0/40-120/900-H	120	900	15.0	40	2"
4PSS15.0/45-144/1100-H	144	1100	15.0	45	2"
4PSS16.0/70-192/1500-H	192	1500	16.0	70	2"
4PSS17.0/100-280/2200-H	280	2200	17.0	100	2"
4PSS21.0/35-96/1500-H	96	1500	21.0	35	2"
4PSS21.0/55-280/2200-H	280	2200	21.0	55	2"
6PSS25.0/30-192/1500-H	192	1500	25.0	30	3"
6PSS25.0/45-280/2200-H	280	2200	25.0	45	3"

In-Built Controller

Brushless Solar Pump

1. Easy installation and easy operation, connect with solar panel directly no need external controller
2. Can be powered by both solar panel and battery
3. Brushless permanent magnetic motor, controller inside, long working life and high working efficiency
4. Dry-running auto protection
5. Franklin motor standard
6. High-quality full SS304 materials
7. Thicker material, More durable, More power



3SPN1-5P

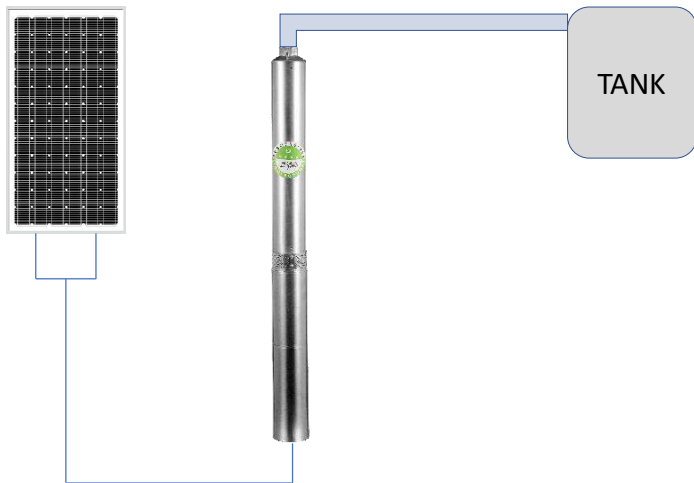
40M-3.5m³/h-48V-300W

300W



m ³ /h	3.5	3.2	2.9	2.5	2.0	1.6	1.2	0.7	0
L/min.	58	53	48	42	33	27	20	12	0
H(M)	0	5	10	15	20	25	30	35	40
Motor DIM & Power	3" / 300w								
Voltage	20-40V Best: 30-40V								
Solar panel proposal	340W*1 PCS								
Pump DIM	3"								
Pump outlet	1.5"								

More model for 300W		Pump outlet
3SPN3-3P	23M-6.0m ³ /h-48V-300W	1.5"
4SPN4-2P	20M-5.6m ³ /h-48V-300W	2"
4SPN8-1P	10M-10.5m ³ /h-48V-300W	2"



3SPN1-11P

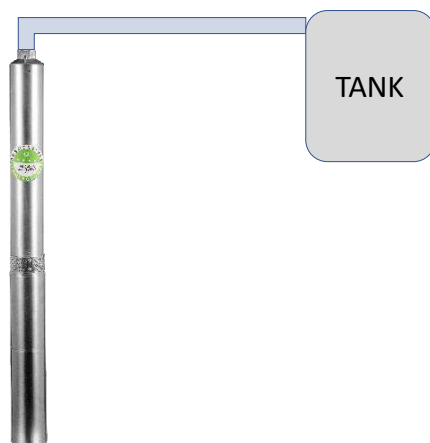
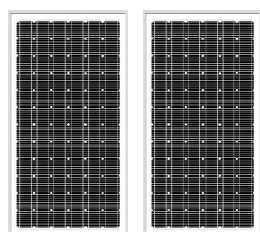
88M-3.6m³/h-96V-600W

600W



m ³ /h	3.6	3.4	3.1	2.8	2.4	1.9	1.5	1.1	0.6	0
L/min.	60	57	52	47	40	32	25	18	10	0
H(M)	0	10	20	30	40	50	60	70	80	88
Motor DIM & Power	3" / 600w									
Voltage	40-90V Best: 60-76V									
Solar panel proposal	340W*2 PCS									
Pump DIM	3"									
Pump outlet	1.5"									

More model for 600W		Pump outlet
4SPN2-5P	54M-5.2m ³ /h-96V-600W	2"
3SPN3-5P	38M-7.6m ³ /h-96V-600W	1.5"
4SPN3-4P	55M-5.9m ³ /h-96V-600W	2"
4SPN4-3P	43M-8.1m ³ /h-96V-600W	2"
4SPN8-2P	21M-15.1m ³ /h-96V-600W	2"



• IN-BUILT BRUSHLESS SOLAR PUMP



SINCE 1992
LIYUAN PUMP

3SPN1-12P

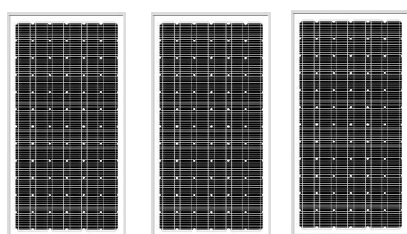
100M-4.0m³/h-150V-1000W

1000W



m ³ /h	4.0	3.7	3.4	3.1	2.8	2.3	2.1	1.7	1.4	1.1	0
L/min.	67	62	57	52	47	38	35	28	23	18	0
H(M)	0	10	20	30	40	50	60	70	80	90	100
Motor DIM & Power	3" / 1000w										
Voltage	60-110V Best: 90-110V										
Solar panel proposal	340W*3 PCS										
Pump DIM	3"										
Pump outlet	1.5"										

More model for 1000W		Pump outlet
3SPN3-7P	54M-7.4m ³ /h-150V-1000W	1.5"
4SPN2-7P	82M-4.9m ³ /h-150V-1000W	2"
4SPN3-5P	72M-6.5m ³ /h-150V-1000W	2"
4SPN4-3P	47M-9.3m ³ /h-150V-1000W	2"
4SPN6-3P	38M-13.1m ³ /h-150V-1000W	2"
4SPN8-3P	30M-15.6m ³ /h-150V-1000W	2"



3SPN1-14P

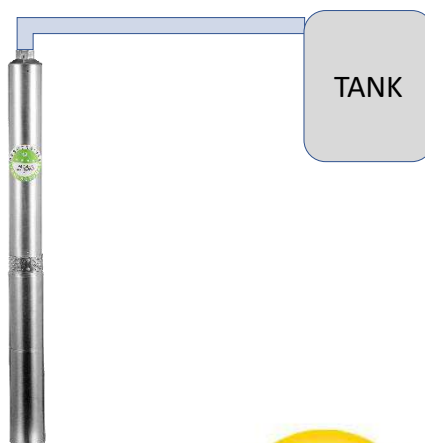
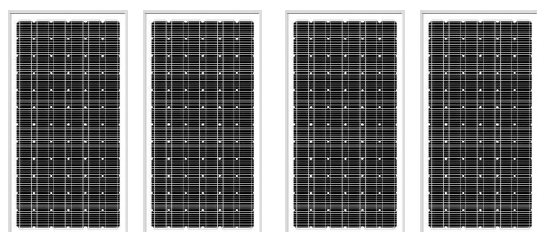
120M-4.0m³/h-180V-1200W

1200W



m ³ /h	4.0	3.8	3.7	3.5	3.0	2.4	1.8	1.5	1.3	0
L/min.	67	63	62	58	50	40	30	25	22	0
H(M)	0	10	20	30	50	70	90	100	110	120
Motor DIM & Power	3" / 1200w									
Voltage	80-150V Best: 96-130V									
Solar panel proposal	340W*4 PCS									
Pump DIM	3"									
Pump outlet	1.5"									

More model for 1200W		Pump outlet
3SPN3-8P	61M-7.8m ³ /h-180V-1200W	1.5"
4SPN2-9P	112M-5.0m ³ /h-180V-1200W	2"
4SPN3-8P	92M-5.9m ³ /h-180V-1200W	2"
4SPN4-4P	61M-9.0m ³ /h-180V-1200W	2"
4SPN6-4P	52M-10.8m ³ /h-180V-1200W	2"
4SPN8-4P	47M-14.8m ³ /h-180V-1200W	2"
4SPN12-2P	23M-18.8m ³ /h-180V-1200W	2"



4SPN1-16P

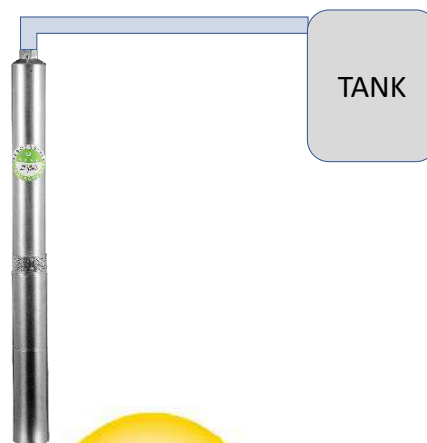
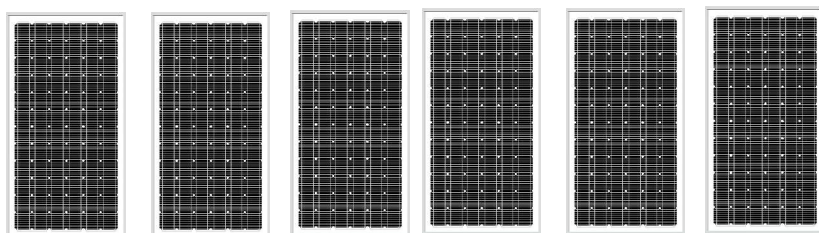
175M-3.7m³/h-450V-1800W

1800W



m ³ /h	3.7	3.3	3.0	2.6	2.3	1.9	1.4	0.9	0.5	0
L/min.	62	55	49	43	38	31	23	14	8	0
H(M)	0	20	40	60	80	100	120	140	160	175
Motor DIM & Power	4" / 1800w									
Voltage	60-450V Best: 180-230V									
Solar panel proposal	340W*6 PCS									
Pump DIM	4"									
Pump outlet	2"									

More model for 1800W		Pump outlet
4SPN2-9P	142M-5.6m ³ /h-450V-1800W	1.5"
4SPN3-8P	126M-7.2m ³ /h-450V-1800W	2"
4SPN4-6P	105M-9.1m ³ /h-450V-1800W	2"
4SPN6-5P	76M-13.9m ³ /h-450V-1800W	2"
4SPN8-5P	67M-17.0m ³ /h-450V-1800W	2"
4SPN12-3P	47M-22.5m ³ /h-450V-1800W	2"
4SPN16-2P	21M-27.8m ³ /h-450V-1800W	2"



4SPN1-21P

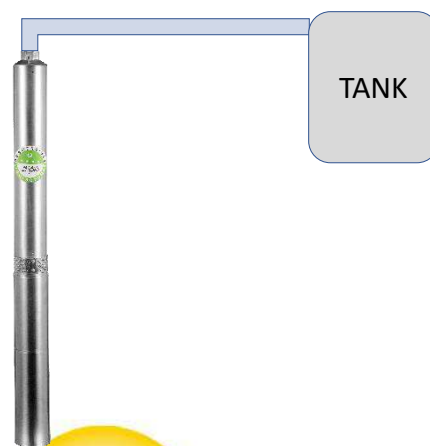
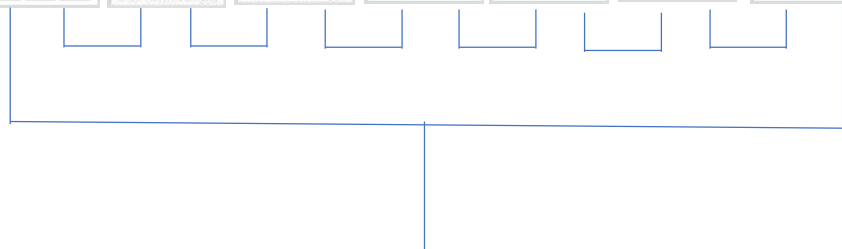
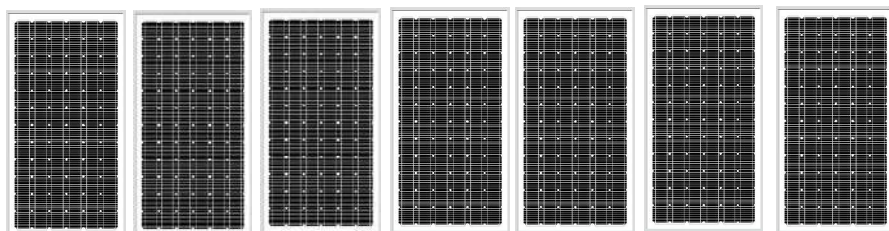
240M-3.7m³/h-450V-2200W

2200W



m ³ /h	3.7	3.3	3.2	2.8	2.6	2.3	2.1	1.7	1.4	0.9	0.7	0.2	0
L/min.	61	55	53	47	44	39	34	29	23	16	11	3	0
H(M)	0	20	40	60	80	100	120	140	160	180	200	220	240
Motor DIM & Power	4" / 2200w												
Voltage	60-450V Best: 220-300V												
Solar panel proposal	340W*7 PCS												
Pump DIM	4"												
Pump outlet	2"												

More model for 2200W		Pump outlet
4SPN2-13P	198M-5.7m ³ /h-450V-2200W	2"
4SPN3-9P	160M-7.4m ³ /h-450V-2200W	2"
4SPN4-8P	142M-9.4m ³ /h-450V-2200W	2"
4SPN6-6P	104M-15.1m ³ /h-450V-2200W	2"
4SPN8-7P	100M-17.3m ³ /h-450V-2200W	2"
4SPN12-5P	62M-23.7m ³ /h-450V-2200W	2"
4SPN16-3P	33M-31.3m ³ /h-450V-2200W	2"



• IN-BUILT BRUSHLESS SOLAR PUMP



SINCE 1992
LIYUAN PUMP

4SPN1-26P

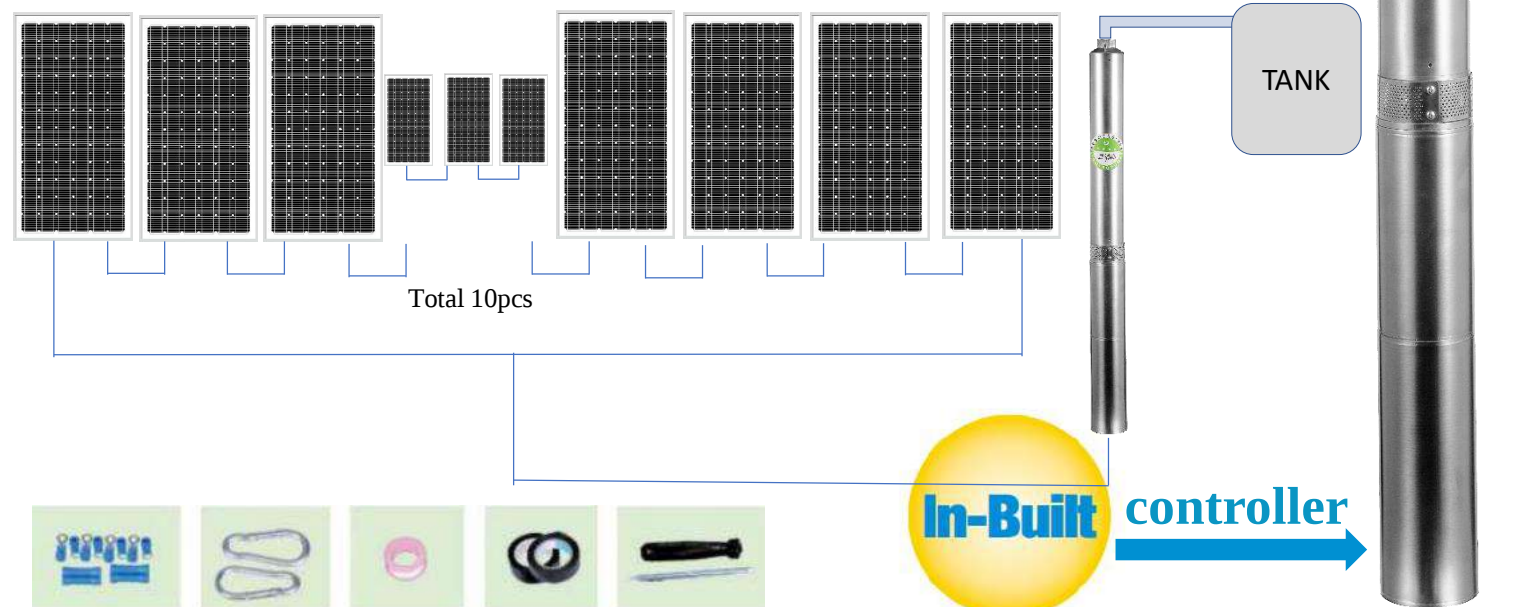
320M-3.9m³/h-450V-3000W

3000W



m³/h	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	2.0	1.6	1.4	0.9	0.6	0.4	0
L/min.	64	61	59	55	52	48	45	41	39	35	33	27	23	16	10	6	0
H(M)	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320
Motor DIM & Power	4" / 3000w																
Voltage	60-450V Best: 300-380V																
Solar panel proposal	340W*10 PCS																
Pump DIM	4"																
Pump outlet	2"																

More model for 3000W		Pump outlet
4SPN2-17P	260M-5.6m³/h-450V-3000W	2"
4SPN3-13P	224M-7.7m³/h-450V-3000W	2"
4SPN4-13P	222M-8.7m³/h-450V-3000W	2"
4SPN6-8P	135M-14.3m³/h-450V-3000W	2"
4SPN8-8P	116M-17.6m³/h-450V-3000W	2"
4SPN12-5P	70M-26.7m³/h-450V-3000W	2"
4SPN16-4P	48M-33.0m³/h-450V-3000W	2"





No.090-3, Hecheng Road, Hecheng Town, Heshan City, Jiangmen, China

Phone:0086 750 8385288; 0086 750 3818558

Fax: 0086 750 3121866

Mob: 0086 18128282767

Wechat: 0086 18128282767

Whatsapp: 0086 18128282767

Skype:liyuanpump

Email: Liyuan@liyuan-pump.com

Website: <http://www.liyuan-pump.com>