

Agriculture Solar Solution

Solar Pump



2023 Q3

www.wayinwatt.com

Agriculture Solar Solution



Agriculture Solar

Solar Pump

Solar Lamp



HISTORY	More Than 7 Years Experience Of Manufacturing Dc Solar Pumps And Solar Inverter.
SCALE	Factory covers an area of 11000m ² , more than 100 employees.
TECHNOLOGY	A Group Of Professional Technical Engineers A Strong R&D Team.
INNOVATION	Continuously Innovate And Diversify Products Range To Satisfy Customer Needs.

A large array of solar panels installed in a field, with a city skyline visible in the background under a blue sky with clouds.

Our Manufacture



NEW ENERGY FOR PHOTOVOLTAIC POWER GENERATION

Deep well pump series

6000 RPM Hero Product

**HIGH-SPEED
FREQUENCY CONVERSION
DEEP WELL PUMP**

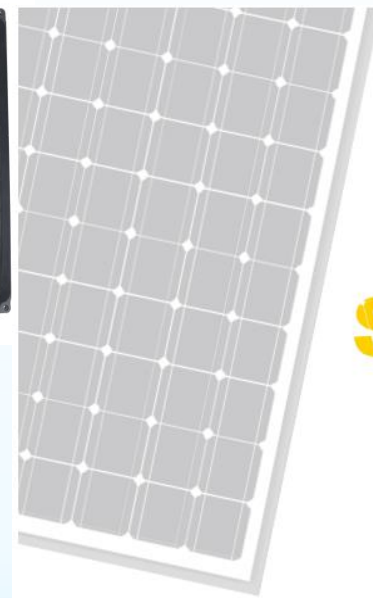
6000 RPM AC Pump /
6000 RPM AC/DC Solar Pump



HIGH SPEED



BIG FLOW / BIG HEAD



Making Life Easier 

**SOLAR
PUMP**



Deep well pump series

6000 RPM
HIGH-SPEED
FREQUENCY CONVERSION
DEEP WELL PUMP



4HS6 - 60 - 2.2 T
Three phase 380v
Pump power(kw)
Rated head(m)
Rated flow(m³)
High speed
4 inch

☆ LIGHT WEIGHT

More than 40% weight less compared with 2850RPM normal AC deep well pump.

☆ HIGH SPEED

6000RPM per minute

☆ HIGH HEAD

Each impeller rated head is more than 4 times of 2850 RPM normal AC deep well pump

☆ BIG FLOW

rated rang 6~30m³ with 4 inch pump body

☆ SAVE ENERGY

save more than 25% energy

☆ LOW INSTALLATION COST

25~45% installation cost less

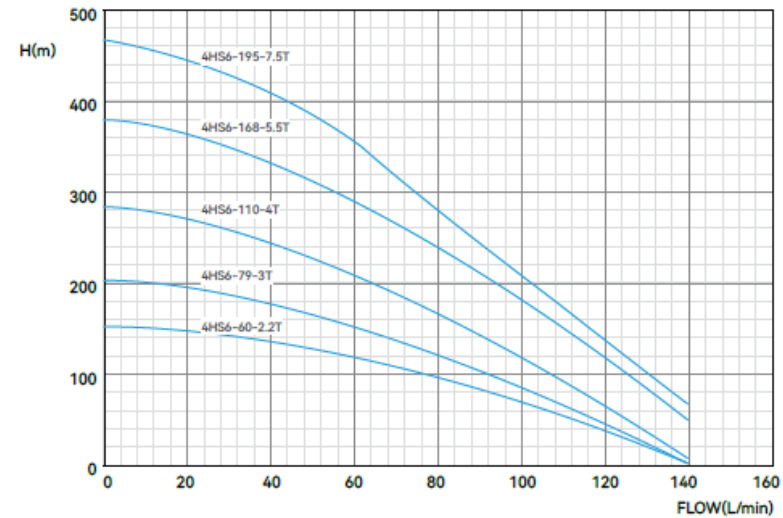
☆ LOW SHIPPING COST

more than 40% cost less

☆ MULTIPLE PROTECTION

Overload protection, over current protection, underload protection, under voltage protection, reverse connect protection, thermal protection, well shortage water protection, tank full protection soft start.

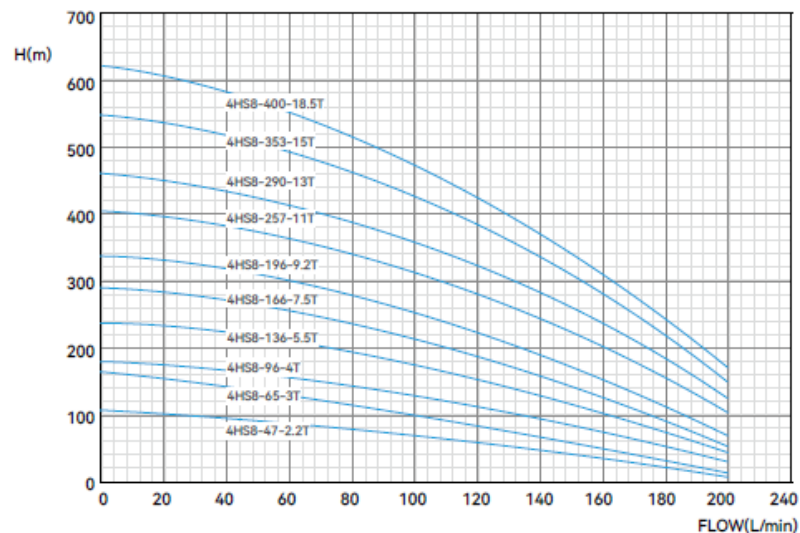
4HS6



MODEL NO.	POWER		OUTLET	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8	PUMP WEIGHT	PUMP HEIGHT
380V	KW	HP		l/min	0	20	40	60	80	100	120	140	kg	mm
4HS6-60-2.2T	2.2	3	1.5 "	H (m)	139	133	124	107	80	60	35	2	13.5	757
4HS6-79-3T	3	4			193	185	175	148	111	79	49	3	15	843
4HS6-110-4T	4	5.5			265	250	226	195	149	110	65	4	17.4	997
4HS6-168-5.5T	5.5	7.5			356	340	315	278	215	168	115	45	20.5	1110
4HS6-195-7.5T	7.5	10			436	416	386	334	256	195	130	62	24.4	1294

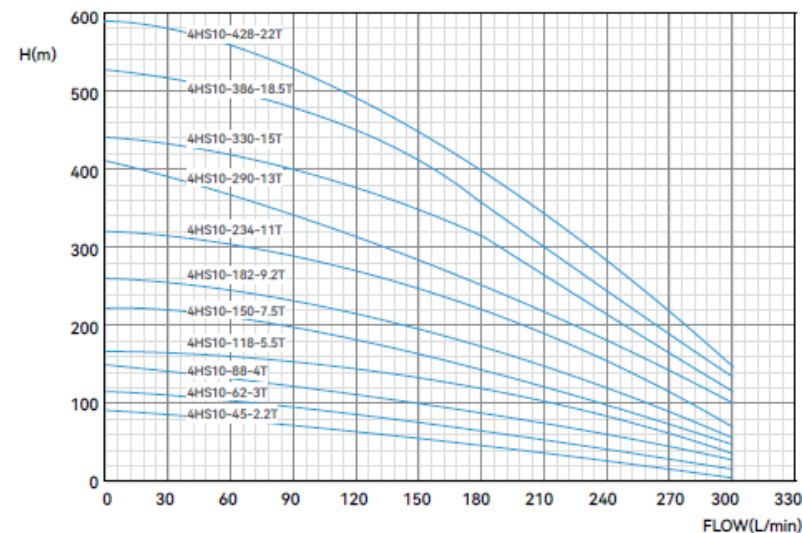
Deep well pump series

4HS8



MODEL NO.	POWER		OUTLET	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8	9.6	10.8	12	PUMP WEIGHT	PUMP HEIGHT
380V	KW	HP		l/min	0	20	40	60	80	100	120	140	160	180	200	kg	mm
4HS8-47-2.2T	2.2	3	2 "	H (m)	110	107	105	100	92	75	62	47	36	24	10	13.5	732
4HS8-65-3T	3	4			170	164	157	150	125	102	85	65	50	31	12	15	822
4HS8-96-4T	4	5.5			187	181	174	164	151	136	116	96	75	52	32	16.3	912
4HS8-136-5.5T	5.5	7.5			245	238	230	220	206	186	164	136	106	78	45	19.3	996
4HS8-166-7.5T	7.5	10			298	290	278	265	248	225	198	166	132	95	53	22.8	1152
4HS8-196-9.2T	9.2	12.5			353	342	330	316	293	268	237	196	162	122	70	25.9	1271
4HS8-257-11T	11	15			422	410	396	380	357	330	300	257	213	166	107	29.0	1391
4HS8-290-13T	13	17.5			477	467	452	433	410	380	340	290	250	191	125	31.5	1501
4HS8-353-15T	15	20			571	560	541	520	487	457	410	353	300	225	155	36.2	1685
4HS8-400-18.5T	18.5	25			648	630	610	580	553	512	448	400	318	260	173	40.8	1864

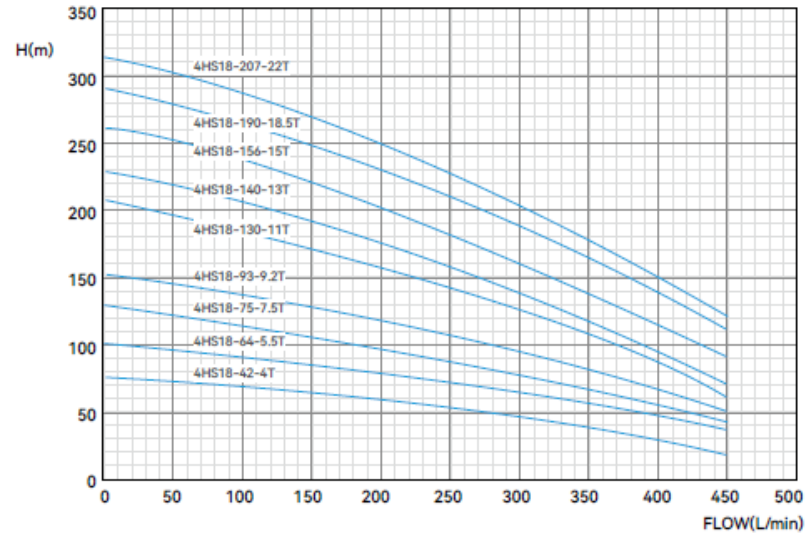
4HS10



MODEL NO.	POWER		OUTLET	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18	WEIGHT	HEIGHT
380V	KW	HP		l/min	0	30	60	90	120	150	180	210	240	270	300	kg	mm
4HS10-45-2.2T	2.2	3	2 "	H (m)	82	80	76	70	60	50	40	30	22	12	4	13.1	706
4HS10-62-3T	3	4			110	105	101	93	82	68	55	43	32	22	10	14.4	764
4HS10-88-4T	4	5.5			140	130	127	120	110	95	75	60	45	33	21	15.8	858
4HS10-118-5.5T	5.5	7.5			161	158	163	147	139	125	110	91	72	51	30	18.5	910
4HS10-150-7.5T	7.5	10			217	210	205	197	183	163	131	105	83	57	37	22.0	1071
4HS10-182-9.2T	9.2	12.5			255	243	238	227	214	193	168	140	107	81	45	24.5	1159
4HS10-234-11T	11	15			313	303	297	286	271	249	218	181	145	107	62	27.9	1285
4HS10-290-13T	13	17.5			411	391	386	370	349	313	266	214	168	130	95	30.8	1439
4HS10-330-15T	15	20			440	424	418	402	383	351	309	256	204	156	108	34.8	1556
4HS10-386-18.5T	18.5	25			528	510	501	485	458	415	357	291	235	181	125	39.4	1744
4HS10-428-22T	22	30			586	566	556	538	508	461	396	323	261	201	138	44.0	1895

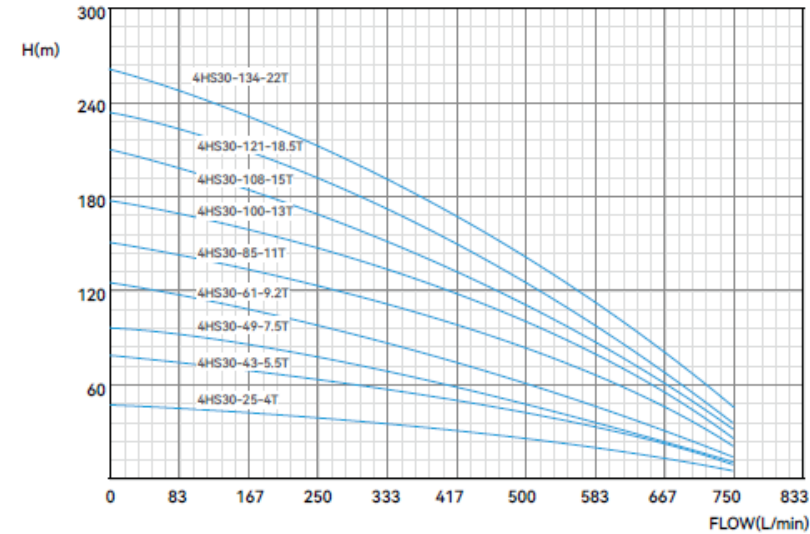
Deep well pump series

4HS18



MODEL NO.	POWER		OUTLET	m³/h	0	3	6	9	12	15	18	21	24	27	WEIGHT	HEIGHT
380V	KW	HP		l/min	0	50	100	150	200	250	300	350	400	450	kg	mm
4HS18-42-4T	4	5.5	2"	H (m)	72	68	63	60	56	50	42	34	27	17	7.9	828
4HS18-64-5.5T	5.5	7.5			100	95	90	95	80	73	64	57	43	34	18.6	930
4HS18-75-7.5T	7.5	10			126	120	115	106	98	88	75	61	52	41	21.8	1069
4HS18-93-9.2T	9.2	12.5			152	143	135	130	121	108	93	78	64	50	24.6	1172
4HS18-130-11T	11	15			207	195	186	176	166	152	130	110	92	60	28.1	1327
4HS18-140-13T	13	17.5			229	216	207	192	179	162	140	119	97	70	30.4	1420
4HS18-156-15T	15	20			264	251	240	227	209	186	156	135	116	90	34.5	1553
4HS18-190-18.5T	18.5	25			290	276	263	250	236	219	190	161	139	112	38.6	1681
4HS18-207-22T	22	30			316	301	287	272	257	239	207	175	151	122	43.0	1810

4HS30



MODEL NO.	POWER		OUTLET	m³/h	0	5	10	15	20	25	30	35	40	45	WEIGHT	HEIGHT
380V	KW	HP		l/min	0	83	167	250	333	417	500	583	667	750	kg	mm
4HS30-25-4T	4	5.5	3"	H (m)	46	45	41	38	35	31	25	19	12	4	16	834
4HS30-43-5.5T	5.5	7.5			77	73	68	62	56	51	43	36	23	5	19	966
4HS30-49-7.5T	7.5	10			98	93	86	78	66	58	49	38	27	6	22.5	1135
4HS30-61-9.2T	9.2	12.5			125	120	110	99	86	73	61	47	33	10	25.5	1267
4HS30-85-11T	11	15			151	145	136	124	113	100	85	70	50	20	28.7	1399
4HS30-100-13T	13	17.5			178	173	161	147	130	115	100	81	57	25	31.3	1522
4HS30-108-15T	15	20			210	200	187	169	146	126	108	89	62	30	35.7	1684
4HS30-121-18.5T	18.5	25			236	225	210	190	164	141	121	100	68	35	40	1841
4HS30-134-22T	22	30			262	250	233	211	182	156	134	111	75	39	44.3	2000

Practical Series



PRACTICAL SOLAR PUMP



1. DC SOLAR PUMP

2" DC SCREW/IMPELLER SOLAR PUMP

3" 4" DC SS SCREW SOLAR PUMP

3" DC PLASTIC IMPELLER SOLAR PUMP

3" DC SS IMPELLER SOLAR PUMP

4" DC PLASTIC IMPELLER SOLAR PUMP

4" 6" BRUSHLESS SS IMPELLER SOLAR PUMP

PSQB DC SOLAR SURFACE PUMP

PSGJ/PSZ DC SOLAR SURFACE PUMP

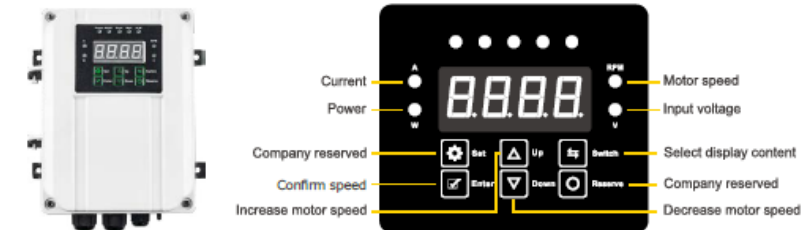
PHF DC SOLAR SURFACE PUMP

PZSU DC SOLAR SURFACE PUMP

PSP DC SOLAR SWIMMING POOL PUMP

PSG DC SOLAR SUBMERSIBLE PUMP

- ▷ Permanent magnet DC brushless motor, efficiency improved by 20~30%.
- ▷ Longer use life than normal electrical AC pump motor.
- ▷ High efficiency intelligent MPPT controller makes pump start and stop working automatically.
- ▷ Overload protection, over current protection, underload protection, under voltage protection, reverse connect protection, thermal protection, well shortage water protection, soft start.
- ▷ Controller LED screen displays voltage, current, power, speed RPM, adjusting speed, error code.
- ▷ Controller waterproofing grade IP54.
- ▷ Ambient temperature: -15~70 °C.



SOLAR PANELS CONNECTION FOR DC SOLAR PUMP

DC Pump	DC Input Voltage V0C [V]	Solar Panels Connection	
12V 200W	11~55		12V Battery Solar panel: 150Wp*2PCS
24V 180/250/300W	11~55		250Wp*1PC 330Wp*1PC
48V 400W	45~100		250Wp*2PCS 300Wp*2PCS
72V 600W	60~150		250Wp*3PCS 300Wp*3PCS
96V 750W	60~200		250Wp*4PCS 300Wp*3PCS
144V 1100W	90~340		250Wp*6PCS 300Wp*5PCS
72V 1100W	60~150		250Wp*6PCS 300Wp*6PCS
192V 1500W	90~430		250Wp*8PCS 300Wp*7PCS
96V 1500W	60~200		250Wp*8PCS 300Wp*8PCS
280V 2200W	100~490		250Wp*12PCS 300Wp*10PCS
385V 3000W	280~780		250Wp*16PCS 300Wp*13PCS

2. AC/DC SOLAR PUMP

3" AC/DC PLASTIC IMPELLER SOLAR PUMP

3" AC/DC SS IMPELLER SOLAR PUMP

4" AC/DC PLASTIC IMPELLER SOLAR PUMP

4" 6" AC/DC SS IMPELLER SOLAR PUMP

PSGJ-H/PZSU-H AC/DC SOLAR SURFACE PUMP

PHF-H AC/DC SOLAR SURFACE PUMP

PSP-H AC/DC SOLAR SWIMMING POOL PUMP

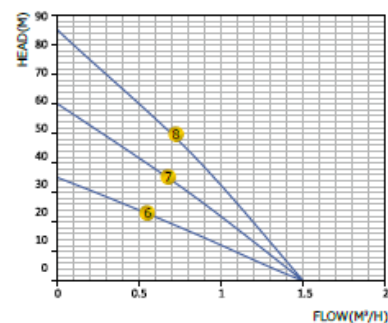
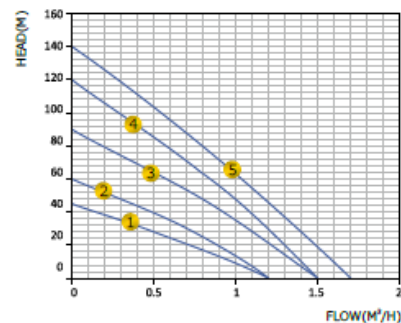
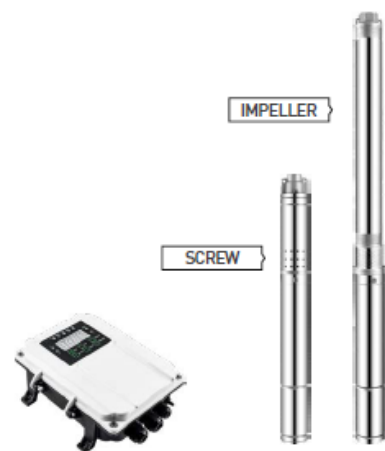
PSG-H AC/DC SOLAR SUBMERSIBLE PUMP

DC Solar Pump

2" DC SCREW/IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting: brass/stainless steel
- ▷ Cylinder: iron
- ▷ Pump body: 201 stainless steel
- ▷ Pump cable: 2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty

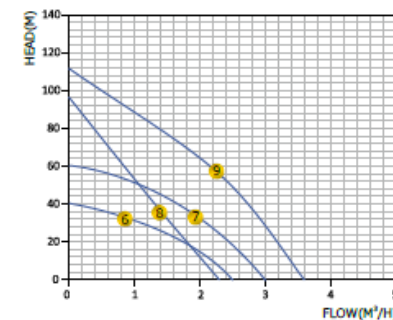
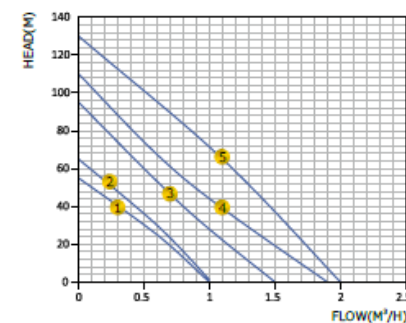


ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1	24	11-55	180	1.2	45	0.75"
2	24	11-55	250	1.2	60	0.75"
3	48	45-100	400	1.5	90	0.75"
4	72	60-150	600	1.5	120	0.75"
5	96	60-200	750	1.7	140	0.75"
6	24	11-55	250	1.5	35	0.75"
7	48	45-100	400	1.5	60	0.75"
8	72	60-150	600	1.5	85	0.75"

3" 4" DC SS SCREW SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting: 201 stainless steel
- ▷ Cylinder: iron
- ▷ Pump body: 201 stainless steel
- ▷ Screw: steel + rubber
- ▷ Pump cable: 2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty



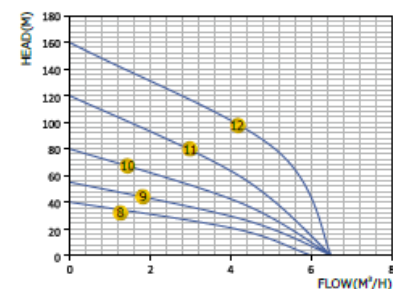
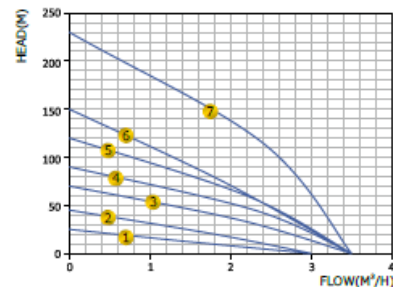
ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1	24	11-55	180	1.0	55	0.75"
2	24	11-55	250	1.2	65	0.75"
3	48	45-100	400	1.5	95	0.75"
4	72	60-150	600	1.9	110	0.75"
5	96	60-200	750	2.0	130	0.75"
6	24	11-55	250	2.5	40	1"
7	48	45-100	400	3.0	60	1"
8	72	60-150	600	2.3	95	1"
9	96	60-200	750	3.6	110	1"

DC Solar Pump

3" DC PLASTIC IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting: brass/stainless steel
- ▷ Cylinder: iron
- ▷ Pump body: 201 stainless steel
- ▷ Pump cable: 2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty

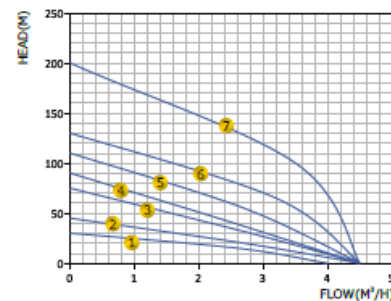


ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1 3PSC3.0-30-24-300	24	11-55	300	3.0	30	1"
2 3PSC3.0-45-48-400	48	45-100	400	3.0	45	1"
3 3PSC3.5-70-72-600	72	60-150	600	3.5	70	1"
4 3PSC3.5-90-96-750	96	60-200	750	3.5	90	1"
5 3PSC3.5-120-144-1100	144	90-340	1100	3.5	120	1"
6 3PSC3.5-150-192-1500	192	90-430	1500	3.5	150	1"
7 3PSC3.5-230-280-2200	280	100-490	2200	3.5	230	1"
8 3PSC6.0-40-72-600	72	60-150	600	6.0	40	1"
9 3PSC6.5-55-96-750	96	60-200	750	6.5	55	1"
10 3PSC6.5-80-144-1100	144	90-340	1100	6.5	80	1"
11 3PSC6.5-120-192-1500	192	90-430	1500	6.5	120	1"
12 3PSC6.5-160-280-2200	280	100-490	2200	6.5	160	1"

3" DC SS IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting: 304 stainless steel
- ▷ Cylinder: iron
- ▷ Pump body: stainless steel
- ▷ Impeller: 304 stainless steel
- ▷ Pump cable: 2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty



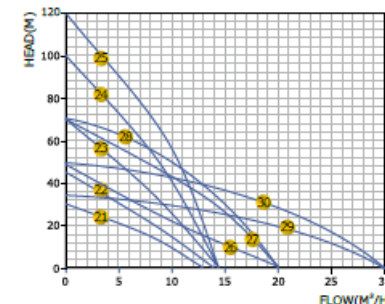
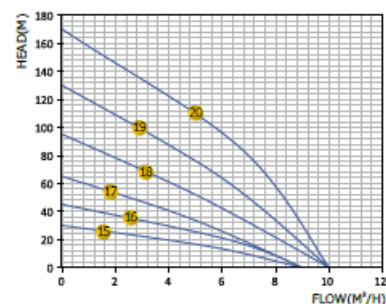
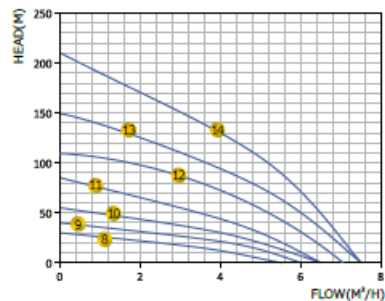
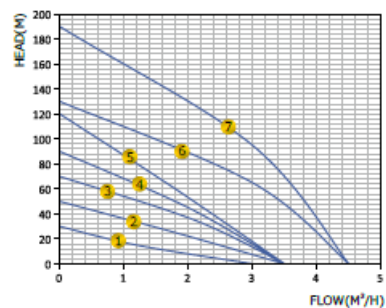
ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1 3PPSS4.30-24-300	24	11-55	300	4.0	30	1.25"
2 3PPSS4.5-45-48-400	48	45-100	400	4.5	45	1.25"
3 3PPSS4.5-75-72-600	72	60-150	600	4.5	75	1.25"
4 3PPSS4.5-90-96-750	96	60-200	750	4.5	90	1.25"
5 3PPSS4.5-110-144-1100	144	90-340	1100	4.5	110	1.25"
6 3PPSS4.5-130-192-1500	192	90-430	1500	4.5	130	1.25"
7 3PPSS4.5-200-280-2200	280	100-490	2200	4.5	200	1.25"

DC Solar Pump

4" DC PLASTIC IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting:stainless steel
- ▷ Cylinder:iron
- ▷ Pump body:stainless steel
- ▷ Impeller:plastic impeller
- ▷ Pump cable:2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty



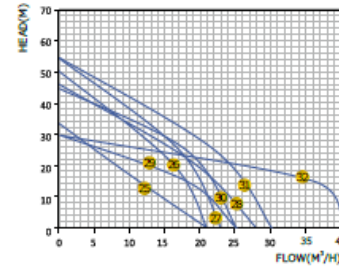
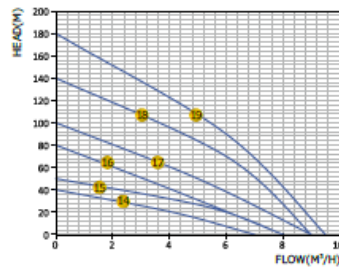
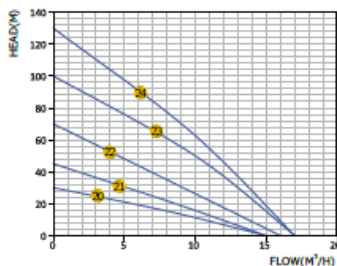
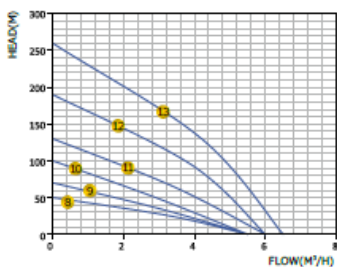
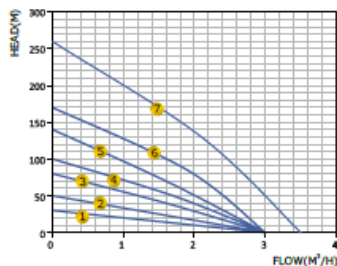
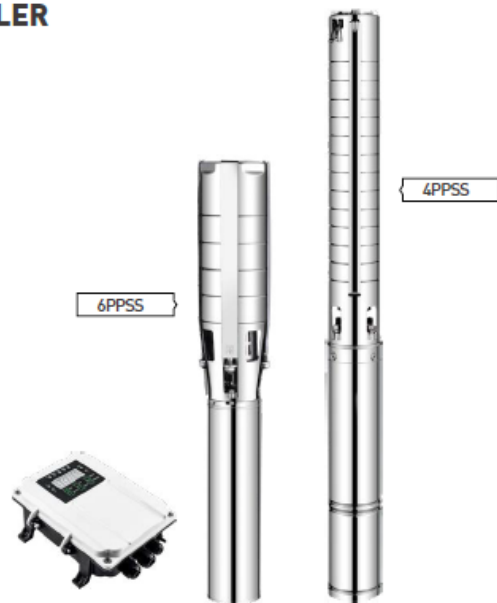
ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1	24	11-55	300	3.0	30	1.25"
2	48	45-100	400	3.5	50	1.25"
3	72	60-150	600	3.5	70	1.25"
4	96	60-200	750	3.5	90	1.25"
5	144	90-340	1100	3.5	120	1.25"
6	192	90-430	1500	4.5	130	1.25"
7	280	100-490	2200	4.5	190	1.25"
8	48	45-100	400	6.0	30	1.5"
9	72	60-150	600	6.0	40	1.5"
10	96	60-200	750	6.5	55	1.5"
11	144	90-340	1100	6.5	85	1.5"
12	192	90-430	1500	7.0	110	1.5"
13	280	100-490	2200	7.5	150	1.5"
14	385	280-780	3000	7.5	210	1.5"
15	72	60-150	600	9.0	30	2"
16	96	60-200	750	9.0	35	2"
17	144	90-340	1100	9.0	60	2"
18	192	90-430	1500	10.0	90	2"
19	280	100-490	2200	10.0	130	2"
20	385	280-780	3000	10.0	170	2"
21	96	60-200	750	13.0	30	2"
22	144	90-340	1100	14.0	45	2"
23	192	90-430	1500	14.5	70	2"
24	280	100-490	2200	14.5	100	2"
25	385	280-780	3000	14.5	120	2"
26	192	90-430	1500	20.0	45	2"
27	280	100-490	2200	20.0	65	2"
28	385	280-780	3000	20.0	75	2"
29	280	100-490	2200	30.0	35	2"
30	385	280-780	3000	30.0	50	2"

DC Solar Pump

4" 6" BRUSHLESS SS IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting:304 stainless steel
- ▷ Cylinder:iron
- ▷ Pump body:stainless steel
- ▷ Impeller:304 stainless steel
- ▷ Pump cable:2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty



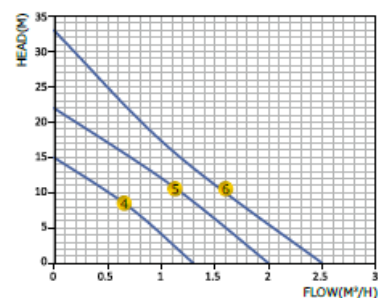
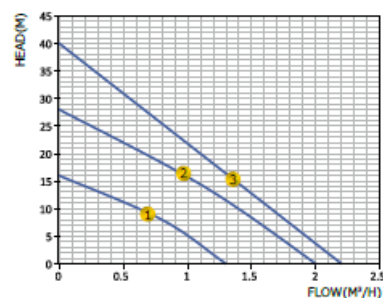
ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1	24	11-55	300	3.0	30	1.25"
2	48	45-150	400	3.0	50	1.25"
3	72	60-150	600	3.0	80	1.25"
4	96	60-200	750	3.0	100	1.25"
5	144	90-340	1100	3.0	140	1.25"
6	192	90-430	1500	3.0	170	1.25"
7	280	100-490	2200	3.5	260	1.25"
8	72	60-150	600	5.5	50	1.25"
9	96	60-200	750	5.5	70	1.25"
10	144	90-340	1100	5.5	100	1.25"
11	192	90-430	1500	6.0	130	1.25"
12	280	100-490	2200	6.0	190	1.25"
13	385	280-780	3000	6.5	260	1.25"
14	72	60-150	600	7.0	40	1.5"
15	96	60-200	750	8.0	50	1.5"
16	144	90-340	1100	8.0	80	1.5"
17	192	90-430	1500	9.0	100	1.5"
18	280	100-490	2200	9.0	140	1.5"
19	385	280-780	3000	9.5	180	1.5"
20	96	60-200	750	15.0	30	2"
21	144	90-340	1100	15.0	45	2"
22	192	90-430	1500	16.0	70	2"
23	280	100-490	2200	17.0	100	2"
24	385	280-780	3000	17.0	130	2"
25	192	90-430	1500	21.0	35	2"
26	280	100-490	2200	23.0	55	2"
27	385	280-780	3000	23.0	65	2"
28	385	280-780	3000	28.0	55	2"
29	192	90-430	1500	25.0	30	3"
30	280	100-490	2200	25.0	45	3"
31	385	280-780	3000	30.0	55	3"
32	385	280-780	3000	40.0	30	3"

DC Solar Pump

PSQB DC SOLAR SURFACE PUMP

MATERIAL OF PUMP

- ▷ Outlet: iron/stainless steel
- ▷ Pump head: iron/stainless steel
- ▷ Pump body: aluminium
- ▷ Impeller: brass
- ▷ Pump cable: 1.2M
- ▷ MPPT function controller
- ▷ 1 year warranty

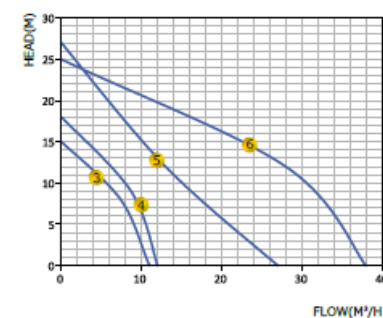
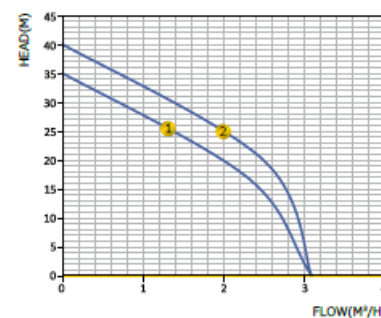


ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	OUTLET (INCH)
1 PSQB1.3-16-12-150	12	11~55	150	1.3	16	8	1.0"×1.0"
2 PSQB2.0-28-24-250	24	11~55	250	2.0	28	8	1.0"×1.0"
3 PSQB2.2-40-48-400	48	45~100	400	2.2	40	8	1.0"×1.0"
4 PSQB1.3-15-12-150-S	12	11~55	150	1.3	15	8	1.0"×1.0"
5 PSQB2.0-22-24-250-S	24	11~55	250	2.0	22	8	1.0"×1.0"
6 PSQB2.5-33-48-400-S	48	45~100	400	2.5	33	8	1.0"×1.0"

PSGJ / PSZ DC SOLAR SURFACE PUMP

MATERIAL OF PUMP

- ▷ Outlet: stainless steel/iron
- ▷ Pump head: stainless steel/iron
- ▷ Pump body: aluminium
- ▷ Impeller: brass/iron
- ▷ Pump cable: 1.2M
- ▷ MPPT function controller
- ▷ 1 year warranty



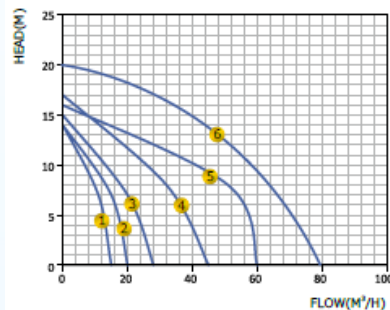
ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	OUTLET (INCH)
1 PSGJ3.1-35-72-600	72	60~150	600	3.1	35	8	1.0"×1.0"
2 PSGJ3.1-40-96-750	96	60~200	750	3.1	40	8	1.0"×1.0"
3 PSZ11-15-72-600	72	60~150	600	11	15	8	1.5"×1.5"(PIPE)
4 PSZ12-18-96-750	96	60~200	750	12	18	8	2.0"×2.0"(PIPE)
5 PSZ16-27-192-1500	192	90~430	1500	16	27	8	2.0"×2.0"
6 PSZ38-25-280-2200	280	100~490	2200	38	25	8	3.0"×3.0"

DC Solar Pump

PHF DC SOLAR SURFACE PUMP

MATERIAL OF PUMP

- ▷ Outlet:iron
- ▷ Pump head:iron
- ▷ Pump body:aluminium
- ▷ Impeller:brass
- ▷ Pump cable:1.2M
- ▷ MPPT function controller
- ▷ 1 year warranty

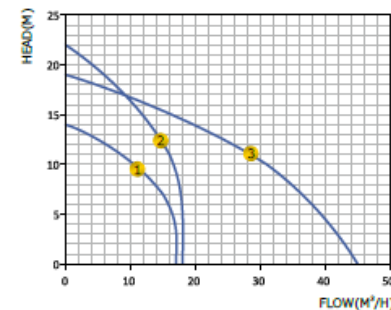


ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	OUTLET (INCH)
1 PHF15-14-72-600	72	60-150	600	15	14	8	1.5"×1.5"
2 PHF20-14-96-750	96	60-200	750	20	14	8	2.0"×2.0"
3 PHF28-15-144-1100	144	90-340	1100	28	15	8	2.0"×2.0"
4 PHF45-17-192-1500	192	90-430	1500	45	17	8	3.0"×3.0"
5 PHF60-16-280-2200	280	100-490	2200	60	16	8	4.0"×4.0"
6 PHF80-20-385-3000	385	280-780	3000	80	20	8	5.0"×5.0"

PZSU DC SOLAR SURFACE PUMP

MATERIAL OF PUMP

- ▷ Outlet:aluminium
- ▷ Pump head:aluminium
- ▷ Pump body:aluminium
- ▷ Impeller:iron
- ▷ Pump cable:1.2M
- ▷ MPPT function controller
- ▷ 1 year warranty



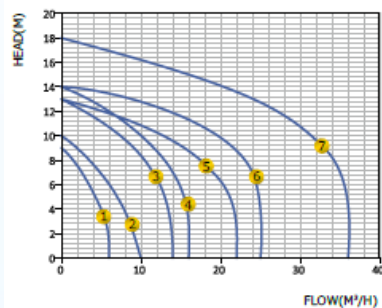
ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	OUTLET (INCH)
1 PZSU17-14-144-1100	144	90-340	1100	17	14	8	2.0"×2.0"
2 PZSU18-22-192-1500	192	90-430	1500	18	22	8	2.0"×2.0"
3 PZSU45-19-280-2200	280	100-490	2200	45	19	8	3.0"×3.0"

DC Solar Pump

PSP DC SOLAR SWIMMING POOL PUMP

MATERIAL OF PUMP

- ▷ Outlet:plastic
- ▷ Pump head:plastic
- ▷ Pump body:aluminium
- ▷ Impeller:plastic
- ▷ Pump cable:1.2M
- ▷ MPPT function controller
- ▷ 1 year warranty

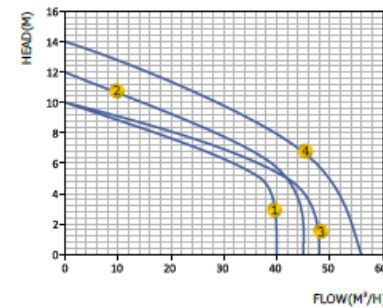


ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	TUBE DIAMETER (MM)
1	24	11-55	200	6	9	8	Φ 32/ Φ 38
2	24	11-55	370	10	10	8	Φ 50
3	72	60-150	600	14	13	8	Φ 50
4	96	60-200	750	16	14	8	Φ 50
5	144	90-340	1100	22	13	8	Φ 60/ Φ 63
6	192	90-430	1500	25	14	8	Φ 60/ Φ 63
7	280	100-490	2200	36	18	8	Φ 60/ Φ 63

PSG DC SOLAR SUBMERSIBLE PUMP

MATERIAL OF PUMP

- ▷ Outlet:iron
- ▷ Pump head:iron
- ▷ Pump body:iron
- ▷ Impeller:aluminium
- ▷ Pump cable:2M
- ▷ MPPT function controller
- ▷ 1 year warranty



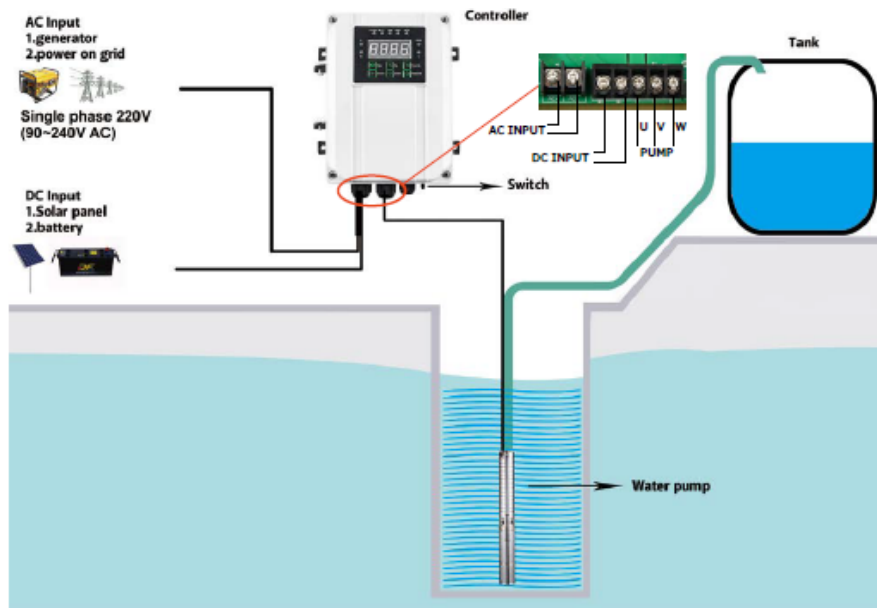
ITEM NO.	DC VOLTAGE (V)	BEST INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1	144	90-340	1100	40	10	3"
2	192	90-430	1500	45	12	3"
3	192	90-430	1500	48	10	4"
4	280	100-490	2200	56	14	4"

AC/DC Solar Pump

- ▷ Support single phase 220V AC 50/60Hz (90-240Vac) electricity/generator input and solar DC power input, can realize AC or DC input switching by operating a external knife switch.
- ▷ Permanent magnet DC brushless motor, efficiency improved by 20~30%.
- ▷ Longer service life than normal electrical AC pump motor.
- ▷ High efficiency intelligent MPPT controller makes pump start and stop working automatically.
- ▷ Overload protection, over current protection, underload protection, under voltage protection, reverse connect protection, thermal protection, well shortage water protection, soft start.
- ▷ Controller LED screen displays voltage, current, power, speed RPM, adjusting speed, error code.
- ▷ Controller waterproofing grade IP54.
- ▷ Ambient temperature: -15~70 °C.



AC input and DC input can work at the same time



Solar panels connection for AC/DC solar pump

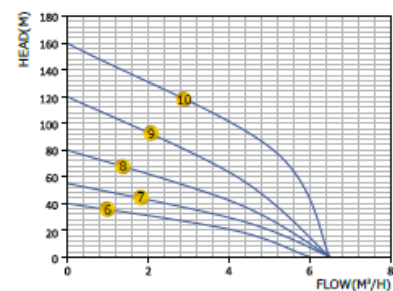
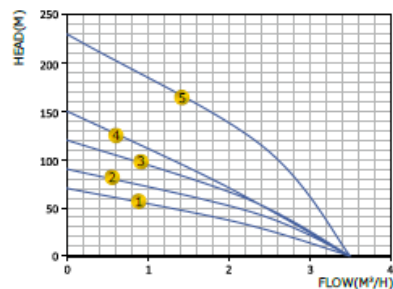
AC/DC Pump	AC Input Voltage(V)	DC Input Voltage VOC(V)	Solar Panels Connection
72V 600W	Single phase 220 (90~240)	60~200	250Wp*4PCS 300Wp*3PCS
96V 750W	Single phase 220 (90~240)	60~240	250Wp*4PCS 300Wp*4PCS
144V 1100W	Single phase 220 (90~240)	90~340	250Wp*6PCS 300Wp*5PCS
192V 1500W	Single phase 220 (90~240)	90~430	250Wp*8PCS 300Wp*7PCS
280V 2200W	Single phase 220 (90~240)	100~490	250Wp*12PCS 300Wp*10PCS

AC/DC Solar Pump

3" AC/DC PLASTIC IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting: stainless steel
- ▷ Cylinder: iron
- ▷ Pump body: 201 stainless steel
- ▷ Pump cable: 2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty

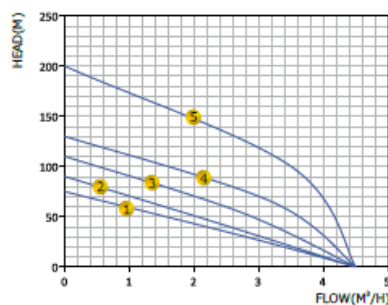


ITEM NO.	AC INPUT VOLTAGE (V)	DC INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
1 3PSC3.5-70-72-600-H	90~240	60~200	600	3.5	70	1"
2 3PSC3.5-90-96-750-H	90~240	60~240	750	3.5	90	1"
3 3PSC3.5-120-144-1100-H	90~240	90~340	1100	3.5	120	1"
4 3PSC3.5-150-192-1500-H	90~240	90~430	1500	3.5	150	1"
5 3PSC3.5-230-280-2200-H	90~240	100~490	2200	3.5	230	1"
6 3PSC6.0-40-72-600-H	90~240	60~200	600	6.0	40	1"
7 3PSC6.5-55-96-750-H	90~240	60~240	750	6.5	55	1"
8 3PSC6.5-80-144-1100-H	90~240	90~340	1100	6.5	80	1"
9 3PSC6.5-120-192-1500-H	90~240	90~430	1500	6.5	120	1"
10 3PSC6.5-160-280-2200-H	90~240	100~490	2200	6.5	160	1"

3" AC/DC SS IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting: 304 stainless steel
- ▷ Cylinder: iron
- ▷ Pump body: stainless steel
- ▷ Impeller: 304 stainless steel
- ▷ Pump cable: 2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty



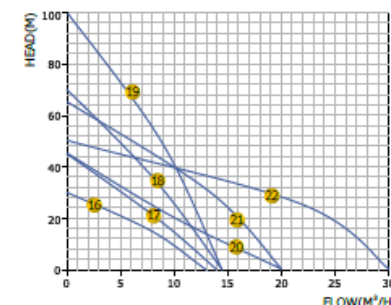
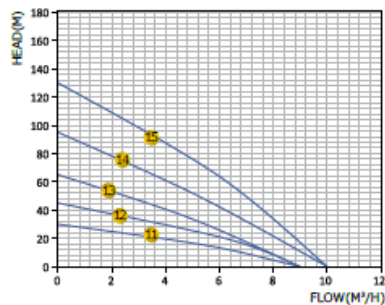
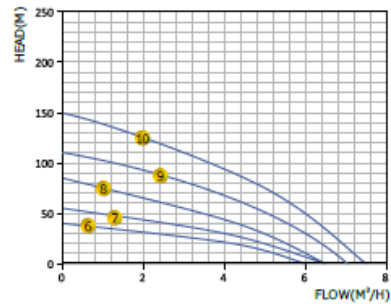
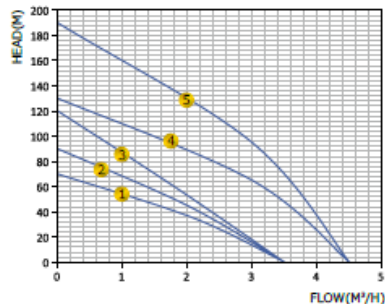
ITEM NO.	AC INPUT VOLTAGE (V)	DC INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
1 3PPSS4.5-75-72-600-H	90~240	60~200	600	4.5	75	1.25"
2 3PPSS4.5-90-96-750-H	90~240	60~240	750	4.5	90	1.25"
3 3PPSS4.5-110-144-1100-H	90~240	90~340	1100	4.5	110	1.25"
4 3PPSS4.5-130-192-1500-H	90~240	90~430	1500	4.5	130	1.25"
5 3PPSS4.5-200-280-2200-H	90~240	100~490	2200	4.5	200	1.25"

AC/DC Solar Pump

4" AC/DC PLASTIC IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting:stainless steel
- ▷ Cylinder:iron
- ▷ Pump body:stainless steel
- ▷ Impeller:plastic impeller
- ▷ Pump cable:2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty



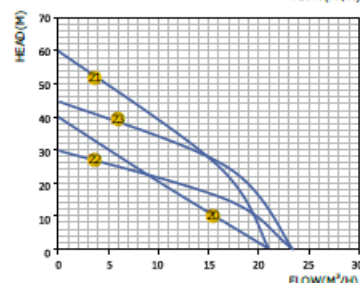
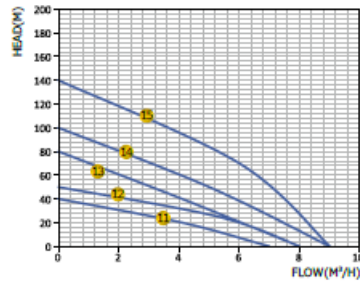
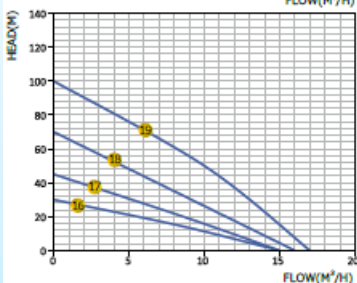
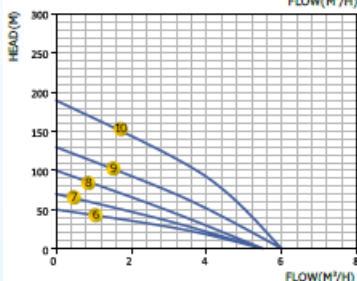
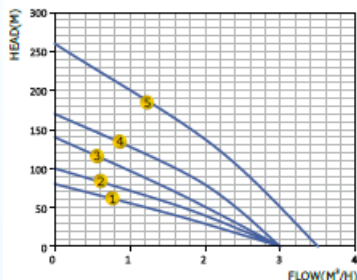
	ITEM	AC INPUT VOLTAGE	DC INPUT VOLTAGE VOC	POWER	MAX FLOW	MAX HEAD	OUTLET
	NO.	(V)	(V)	(W)	(M ³ /H)	(M)	(INCH)
1	4PSC3.5-70-72-600-H	90~240	60~200	600	3.5	70	1.25"
2	4PSC3.5-90-96-750-H	90~240	60~240	750	3.5	90	1.25"
3	4PSC3.5-120-144-1100-H	90~240	90~340	1100	3.5	120	1.25"
4	4PSC4.5-130-192-1500-H	90~240	90~430	1500	4.5	130	1.25"
5	4PSC4.5-190-280-2200-H	90~240	100~490	2200	4.5	190	1.25"
6	4PSC6.0-40-72-600-H	90~240	60~200	600	6.0	40	1.5"
7	4PSC6.5-55-96-750-H	90~240	60~240	750	6.5	55	1.5"
8	4PSC6.5-85-144-1100-H	90~240	90~340	1100	6.5	85	1.5"
9	4PSC7.0-110-192-1500-H	90~240	90~430	1500	7.0	110	1.5"
10	4PSC7.5-150-280-2200-H	90~240	100~490	2200	7.5	150	1.5"
11	4PSC9.0-30-72-600-H	90~240	60~200	600	9.0	30	2"
12	4PSC9.0-35-96-750-H	90~240	60~240	750	9.0	35	2"
13	4PSC9.0-60-144-1100-H	90~240	90~340	1100	9.0	60	2"
14	4PSC10.0-90-192-1500-H	90~240	90~430	1500	10.0	90	2"
15	4PSC10.0-130-280-2200-H	90~240	100~490	2200	10.0	130	2"
16	4PSC13.0-30-96-750-H	90~240	60~200	750	13.0	30	2"
17	4PSC14.0-45-144-1100-H	90~240	90~340	1100	14.0	45	2"
18	4PSC14.5-70-192-1500-H	90~240	90~430	1500	14.5	70	2"
19	4PSC14.5-100-280-2200-H	90~240	100~490	2200	14.5	100	2"
20	4PSC20.0-45-192-1500-H	90~240	90~430	1500	20.0	45	2"
21	4PSC20.0-65-280-2200-H	90~240	100~490	2200	20.0	65	2"
22	4PSC30.0-35-280-2200-H	90~240	100~490	2200	30.0	35	2"

AC/DC Solar Pump

4" 6" AC/DC SS IMPELLER SOLAR PUMP

MATERIAL OF PUMP

- ▷ Outlet/connection fitting:304 stainless steel
- ▷ Cylinder:iron
- ▷ Pump body:stainless steel
- ▷ Impeller:304 stainless steel
- ▷ Pump cable:2M
- ▷ Oil cooling
- ▷ MPPT function controller
- ▷ 1 year warranty



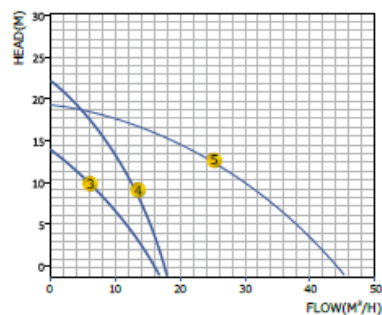
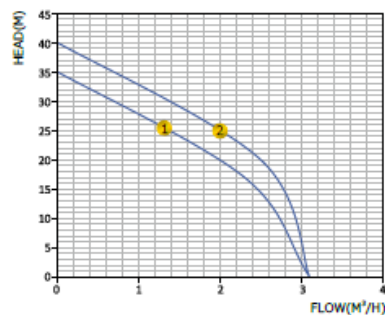
	ITEM	AC INPUT VOLTAGE	DC INPUT VOLTAGE VOC	POWER	MAX FLOW	MAX HEAD	OUTLET
	NO.	(V)	(V)	(W)	(M ³ /H)	(M)	(INCH)
1	4PPSS3.0-80-72-600-H	90~240	60~200	600	3.0	80	1.25"
2	4PPSS3.0-100-96-750-H	90~240	60~240	750	3.0	100	1.25"
3	4PPSS3.0-140-144-1100-H	90~240	90~340	1100	3.0	140	1.25"
4	4PPSS3.0-170-192-1500-H	90~240	90~430	1500	3.0	170	1.25"
5	4PPSS3.5-260-280-2200-H	90~240	100~490	2200	3.5	260	1.25"
6	4PPSS5.5-50-72-600-H	90~240	60~200	600	5.5	50	1.25"
7	4PPSS5.5-70-96-750-H	90~240	60~240	750	5.5	70	1.25"
8	4PPSS5.5-100-144-1100-H	90~240	90~340	1100	5.5	100	1.25"
9	4PPSS6.0-130-192-1500-H	90~240	90~430	1500	6.0	130	1.25"
10	4PPSS6.0-190-280-2200-H	90~240	100~490	2200	6.0	190	1.25"
11	4PPSS7.0-40-72-600-H	90~240	60~200	600	7.0	40	1.5"
12	4PPSS8.0-50-96-750-H	90~240	60~240	750	8.0	50	1.5"
13	4PPSS8.0-80-144-1100-H	90~240	90~340	1100	8.0	80	1.5"
14	4PPSS9.0-100-192-1500-H	90~240	90~430	1500	9.0	100	1.5"
15	4PPSS9.0-140-280-2200-H	90~240	100~490	2200	9.0	140	1.5"
16	4PPSS15.0-30-96-750-H	90~240	60~240	750	15.0	30	2"
17	4PPSS15.0-45-144-1100-H	90~240	90~340	1100	15.0	45	2"
18	4PPSS16.0-70-192-1500-H	90~240	90~430	1500	16.0	70	2"
19	4PPSS17.0-100-280-2200-H	90~240	100~490	2200	17.0	100	2"
20	4PPSS21.0-40-192-1500-H	90~240	90~430	1500	21.0	40	2"
21	4PPSS21.0-60-280-2200-H	90~240	100~490	2200	21.0	60	2"
22	6PPSS25.0-30-192-1500-H	90~240	90~430	1500	25.0	30	3"
23	6PPSS25.0-45-280-2200-H	90~240	100~490	2200	25.0	45	3"

AC/DC Solar Pump

PSGJ-H / PZSU-H AC/DC SOLAR SURFACE PUMP

MATERIAL OF PUMP

- ▷ Outlet: stainless steel/aluminium
- ▷ Pump head: stainless steel/aluminium
- ▷ Pump body: aluminium
- ▷ Impeller: brass/iron
- ▷ Cable: 1.2M
- ▷ Air cooling
- ▷ MPPT function controller
- ▷ AC input: single phase 220V
- ▷ 1 year warranty

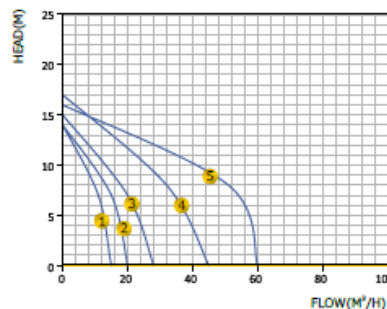


ITEM NO.	AC INPUT VOLTAGE (V)	DC INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	OUTLET (INCH)
1 PSGJ3.1-35-72-600-H	90~240	60~200	600	3.1	35	8	1.0"×1.0"
2 PSGJ3.1-40-96-750-H	90~240	60~240	750	3.1	40	8	1.0"×1.0"
3 PZSU17-14-144-1100-H	90~240	90~340	1100	17	14	8	2.0"×2.0"
4 PZSU18-22-192-1500-H	90~240	90~430	1500	18	22	8	2.0"×2.0"
5 PZSU45-19-280-2200-H	90~240	100~490	2200	45	19	8	3.0"×3.0"

PHF-H AC/DC SOLAR SURFACE PUMP

MATERIAL OF PUMP

- ▷ Outlet: iron
- ▷ Pump head: iron
- ▷ Pump body: aluminium
- ▷ Impeller: brass
- ▷ Pump cable: 1.2M
- ▷ MPPT function controller
- ▷ 1 year warranty



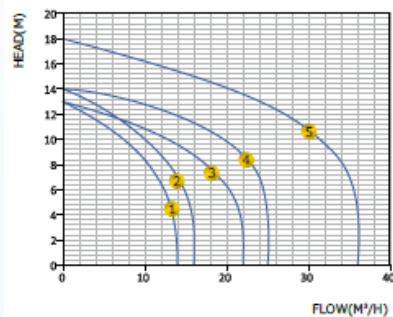
ITEM NO.	AC INPUT VOLTAGE (V)	DC INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	OUTLET (INCH)
1 PHF15-14-72-600-H	90~240	60~200	600	15	14	8	1.5"×1.5"
2 PHF20-14-96-750-H	90~240	60~240	750	20	14	8	2.0"×2.0"
3 PHF28-15-144-1100-H	90~240	90~340	1100	28	15	8	2.0"×2.0"
4 PHF45-17-192-1500-H	90~240	90~430	1500	45	17	8	3.0"×3.0"
5 PHF60-16-280-2200-H	90~240	100~490	2200	60	16	8	4.0"×4.0"

AC/DC Solar Pump

PSP-H AC/DC SOLAR SWIMMING POOL PUMP

MATERIAL OF PUMP

- ▷ Outlet:plastic
- ▷ Pump head:plastic
- ▷ Pump body:aluminium
- ▷ Impeller:plastic
- ▷ Pump cable:1.2M
- ▷ MPPT function controller
- ▷ 1 year warranty

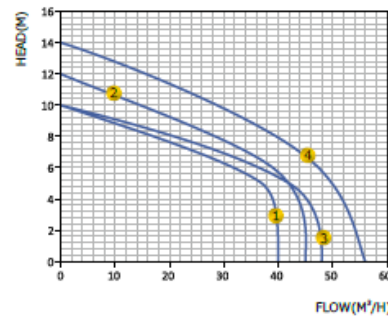


ITEM NO.	AC INPUT VOLTAGE (V)	DC INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	MAX SUCT (M)	TUBE DIAMETER (MM)
1 PSP14-13-72-600-H	90~240	60~200	600	14	13	8	Φ 50
2 PSP16-14-96-750-H	90~240	60~240	750	16	14	8	Φ 50
3 PSP22-13-144-1100-H	90~240	90~340	1100	22	13	8	Φ 60/ Φ 63
4 PSP25-14-192-1500-H	90~240	90~430	1500	25	14	8	Φ 60/ Φ 63
5 PSP36-18-280-2200-H	90~240	100~490	2200	36	18	8	Φ 60/ Φ 63

PSG-H AC/DC SOLAR SUBMERSIBLE PUMP

MATERIAL OF PUMP

- ▷ Outlet:iron
- ▷ Pump head:iron
- ▷ Pump body:iron
- ▷ Impeller:aluminium
- ▷ Pump cable:2M
- ▷ MPPT function controller
- ▷ 1 year warranty



ITEM NO.	AC INPUT VOLTAGE (V)	DC INPUT VOLTAGE VOC (V)	POWER (W)	MAX FLOW (M³/H)	MAX HEAD (M)	OUTLET (INCH)
1 PSG40-10-144-1100-H	90~240	90~340	1100	40	10	3"
2 PSG45-12-192-1500-H	90~240	90~430	1500	45	12	3"
3 PSG48-10-192-1500-H	90~240	90~430	1500	48	10	4"
4 PSG56-14-280-2200-H	90~240	100~490	2200	56	14	4"



YOU CAN FIND THE **WAY IN** HERE

Thank You!

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