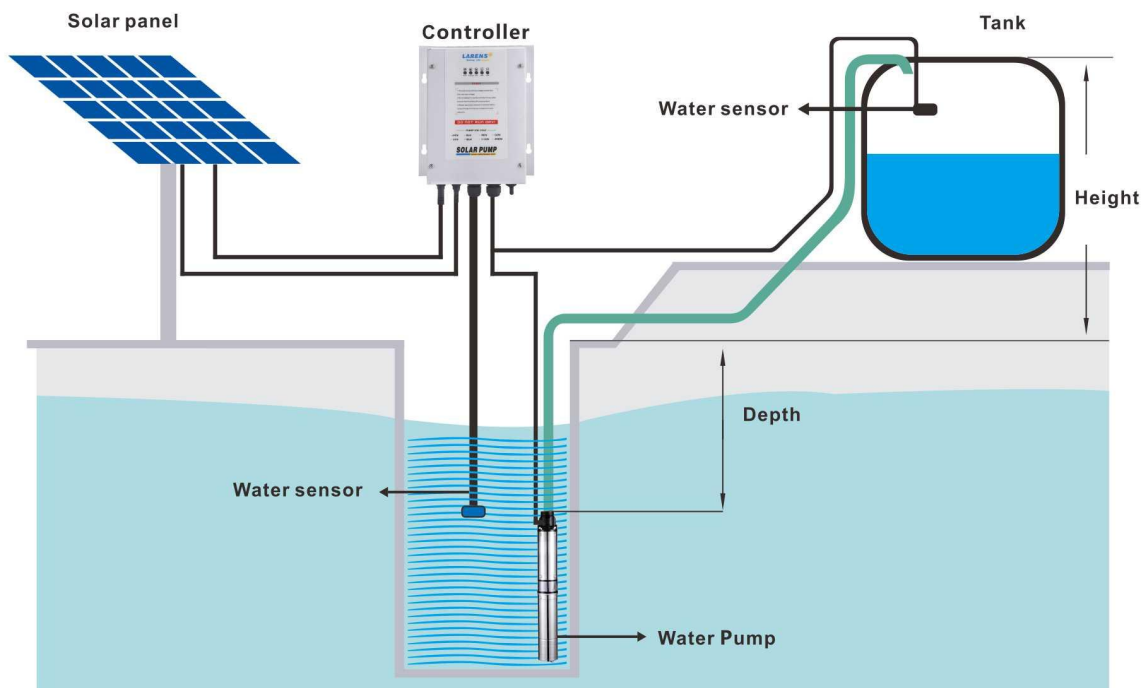


SOLAIRGROUP

SOLAR PUMPS CATALOGUE



How to choose the model?



1. Confirm the depth between the pump and ground (H1).
2. If you pump water into tank, check the height from the tank to the ground (H2).
3. The horizontal distant from the well to tank (H3).
4. How much water do you need everyday (total flow). Usually the pump can work for 6-8 hours per day.

The real head (H) = $H1+H2+H3/10$

The real flow per hour (F) = total Flow/6~8 hours

Max head: That's the max height the pump will lift water. At max head, flow is greatly reduced, almost nonexistent.

Max flow: That's the max water you can get. At max flow, the head is zero meter.

Example: If the H1 is 10m, H2 is 10m, and H3 is 100m, you want to pump 9 cubic meter water one day. How to choose the model?

The real head (H) = $H1+H2+H3/10=10+10+100/10=30m$

The real flow per hour (F) = total Flow/6~8 hours = $9m^3/6hours=1.5m^3/h$

A simply way to choose the model is finding the model's max head= real head X 2, max flow= real flow X 2.
Or you can check the testing report.

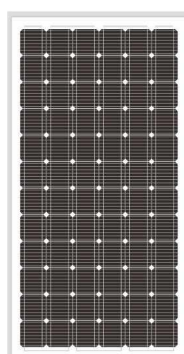
Solar Screw Pump

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
- * Cable: 2M
- * 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



3SGSSP



4SGSSP

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3SGSSP24 180 1.0 50	24	180	1	50	0.75"
3SGSSP24 250 1.2 60	24	250	1.2	60	0.75"
3SGSSP24 350 1.2 85	24	350	1.2	85	0.75"
3SGSSP60 500 1.9 90	60	500	1.9	90	0.75"
3SGSSP72 750 2.0 110	72	750	2	110	0.75"
4SGSSP60 600 2.3 85	60	600	2.3	85	1"
4SGSSP72 750 3.6 110	72	750	3.6	110	1"

Solar Impeller Pump

Material of pump

- * Outlet: 201 stainless steel
- * Pump head: 201 stainless steel
- * 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 20-125m, max flow is 2.5-4.5M³/H
- * Fit for small farm, livestock
- * Warranty: 2 years



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3TSGSIP24 250 2.5 20	24	250	2.5	20	1
3TSGSIP48 400 3.0 40	48	400	3	40	1
3TSGSIP60 600 3.0 55	60	600	3	55	1
3TSGSIP72 750 3.0 70	72	750	3	70	1
3TSGSIP96 900 3.0 85	96	900	3	85	1
4TSGSIP72 1100 3.0 105	72	1100	3	105	1
3TSGSIP96 1500 3.0 125	96	1500	3	125	1
3TSGSIP72 750 4.5 45	72	750	4.5	45	1
3TSGSIP96 900 4.5 60	96	900	4.5	60	1
3TSGSIP72 1100 4.5 75	72	1100	4.5	75	1
3TSGSIP96 1500 4.5 90	96	1500	4.5	90	1

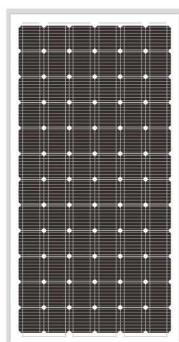
Solar Impeller Pump

Material of pump

- * Outlet: 201 stainless steel
- * Pump head: 201 stainless steel
- * 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 45-150m, max flow is 3.5-12.4M³/H
- * Fit for small farm, livestock
- * Warranty: 2 years



**4SGSIP
SERIES**

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4SGSIP24 350 3.5 45	24	350	3.5	45	1.25"
4SGSIP60 650 3.5 70	60	650	3.5	70	1.25"
4SGSIP60 750 3.5 80	60	750	3.5	90	1.25"
4SGSIP96 1250 4.0 120	96	1250	4	120	1.25"
4SGSIP60 600 4.0 40	60	600	4	40	1.25"
4SGSIP60 750 4.0 60	60	750	4	60	1.25"
4SGSIP72 1100 4.3 80	72	1100	4.3	80	1.25"
4SGSIP110 1500 4.5 120	110	1500	4.5	120	1.25"
4SGSIP280 2200 4.6 150	280	2200	4.6	150	1.25"
4SGSIP72 650 6.1 30	72	650	6.1	30	1.5"
4SGSIP72 900 6.0 50	72	900	6	50	1.5"
4SGSIP72 1100 5.6 70	72	1100	5.7	70	1.5"
4SGSIP110 1500 6.5 90	110	1500	6.4	90	1.5"
4SGSIP280 2200 7.0 110	280	2200	7	110	1.5"
4SGSIP60 650 7.8 30	60	650	7.8	30	2"
4SGSIP72 1100 8.9 50	72	1100	8.9	50	2"
4SGSIP96 1250 9.3 70	96	1250	9.3	70	2"
4SGSIP280 2200 9.7 100	280	2200	9.7	100	2"
4SGSIP60 750 9.0 30	60	750	9	30	2"
4SGSIP96 1500 12.4 55	96	1500	12.4	55	2"
4SGSIP280 2200 12.0 80	280	2200	12	80	2"

Solar Impeller Pump – Stainless Steel

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 28-180m, max flow is 3.5-28 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)
4SGIPS24 400 3.5 40	24	400	3.5	40	1.25"
4SGIPS60 500 3.5 60	60	500	3.5	60	1.25"
4SGIPS72 750 3.5 100	72	750	3.5	100	1.25"
4SGIPS72 1100 3.5 120	72	1100	3.5	120	1.25"
4SGIPS110 1600 3.5 160	110	1600	3.5	160	1.25"
4SGIPS280 2200 3.5 180	280	2200	3.5	180	1.25"
4SGIPS60 600 4.5 55	60	600	4.5	55	1.5"
4SGIPS72 750 4.5 85	72	750	4.5	85	1.5"
4SGIPS72 1300 4.5 120	72	1300	4.5	120	1.5"
4SGIPS110 1500 4.5 145	110	1500	4.5	145	1.5"
4SGIPS280 2200 4.5 170	280	2200	4.5	170	1.5"
4SGIPS60 600 5.0 45	60	600	5	45	1.5"
4SGIPS72 750 5.0 80	72	750	5	80	1.5"
4SGIPS72 1300 5.0 95	72	1300	5	95	1.5"
4SGIPS110 1500 5.0 140	110	1500	5	140	1.5"
4SGIPS280 2200 5.0 170	280	2200	5	170	1.5"
4SGIPS60 600 7.0 45	60	600	7	45	1.5"
4SGIPS72 750 7.0 70	72	750	7	70	1.5"
4SGIPS110 1500 8.0 100	110	1500	8	100	1.5"
4SGIPS280 2200 8.0 130	280	2200	8	130	1.5"
4SGIPS72 750 13.0 40	72	750	13	40	2"
4SGIPS96 1500 14.0 70	96	1500	14	70	2"
4SGIPS280 2200 16.0 100	280	2200	16	100	2"
4SGIPS60 750 18.0 30	60	750	18	30	2"
4SGIPS96 1500 18.0 45	96	1500	18	45	2"
4SGIPS280 2200 21.0 55	280	2200	21	55	2"
6SGIPS96 1500 25.0 28	96	1500	25	28	3"
6SGIPS280 2200 28.0 40	280	2200	28	40	3"

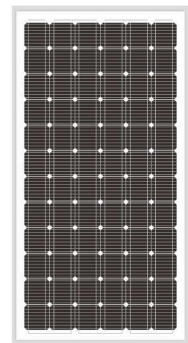
BLDC Solar Surface Pump

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: Aluminium
- * Impeller: Brass
- * Motor: Permanent magnet DC brushless motor
- * Cable: 2M
- * Air Cooling
- * MPPT function controller

Product Features

- * Low lift and small flow, fit for home use
- * Warranty: 1 year



SGBLSP SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	INLET/OUTLET (INCH)
SGBLSP24 250 2.0 26	24	250	8	2	26	1"×1"
SGBLSP48 500 2.2 40	48	500	8	2.2	40	1"×1"
SGBLSP72 750 2.2 48	72	750	8	2.2	48	1"×1"

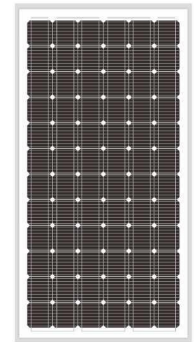
BLDC Solar Surface Pump

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: Aluminium
- * Impeller: Brass
- * Motor: Permanent magnet DC brushless motor
- * Cable: 2M
- * Air Cooling
- * MPPT function controller

Product Features

- * Low lift and small flow, fit for home use
- * Warranty: 1 year



SGBLSP SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	INLET/OUTLET (INCH)
SGBLSP60 550 10.0 18	60	550	8	10	18	1.5"×1.5"(pipe)
SGBLSP60 750 12.0 20	60	750	8	12	20	2"×2"(pipe)
SGBLSP96 1500 20.0 20	96	1500	8	20	20	2"×2"
SGBLSP280 2200 45.0 19	280	2200	8	45	19	3"×3"

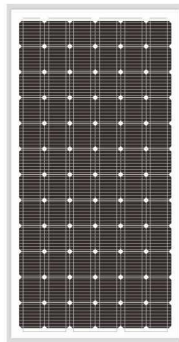
BLDC Solar Surface Pump

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: Aluminium
- * Impeller: Brass/Plastic
- * Motor: Permanent magnet DC brushless motor
- * Cable: 2M
- * Air Cooling
- * MPPT function controller

Product Features

- * Low lift and small flow, fit for home use
- * Warranty: 1 year



SGBLSP SERIES



SGBLSP SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	INLET/OUTLET (INCH)
SGBLSP60 550 3.1 35	60	550	8	3.1	35	1"×1"
SGBLSP72 750 3.1 40	72	750	8	3.1	40	1"×1"
SGBLSP60 550 3.0 35	60	550	8	3	35	1"×1"
SGBLSP60 750 3.5 42	60	750	8	3.5	42	1"×1"

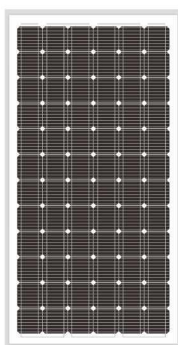
BLDC Solar Surface Pump

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: Iron
- * Impeller: Brass
- * Motor: Permanent magnet DC brushless motor
- * Cable: 2M
- * Air Cooling
- * MPPT function controller

Product Features

- * Low lift and small flow, fit for home use
- * Warranty: 1 year



SGBLSP SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	INLET/OUTLET (INCH)
SGBLSP60 550 15.0 14	60	550	8	15	14	1.5"×1.5"
SGBLSP72 750 20.0 14	72	750	8	20	14	2"×2"
SGBLSP72 1100 28.0 15	72	1100	8	28	15	2"×2"
SGBLSP96 1500 45.0 17	96	1500	8	45	17	3"×3"
SGBLSP72 2000 60.0 16	280	2200	8	60	16	4"×4"

BLDC Solar Swimming Pool Pump

Material of pump

- * Outlet: Plastic
- * Pump head: Plastic
- * Pump body: Plastic
- * Impeller: Plastic
- * Motor: Permanent magnet DC brushless motor
- * Cable: 2 M
- * Air Cooling
- * MPPT function controller

Product Features

- * Low lift and small flow, fit for home use
- * Warranty: 1 year



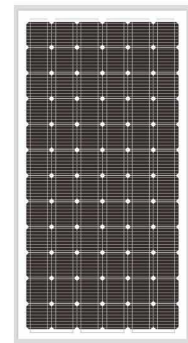
SGSSPP SERIES



SGSSPP SERIES



SGSSPP SERIES



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	TUBE DIAMETER (MM)
SGSSPP24 200 6 9	24	200	6	9	Φ32/Φ38
SGSSPP24 370 10 10	24	370	10	10	Φ50
SGSSPP60 550 14 13	60	550	14	13	Φ50
SGSSPP72 750 15 14	72	750	16	14	Φ50
SGSSPP96 1100 22 13	96	1100	22	13	Φ60/Φ63
SGSSPP96 1500 25 14	96	1500	25	14	Φ60/Φ63
SGSSPP280 2200 36 18	280	2200	36	18	Φ60/Φ63

BLDC Solar Submersible Pump

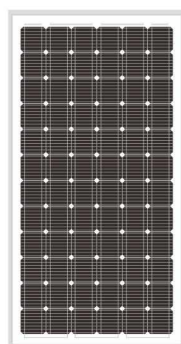
Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: Iron
- * Impeller: Aluminium
- * Motor: Permanent magnet DC brushless motor
- * Cable: 2 M

- * MPPT function controller

Product Features

- * Low lift and small flow, fit for home use
- * Warranty: 1 year



SGBLSSP SERIES



SGBLSSP SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	TUBE DIAMETER (Inch)
SGBLSSP60 550 12 13	60	550	12	13	2"
SGBLSSP72 750 14 18	72	750	14	18	2"
SGBLSSP96 1000 15 23	96	1000	15	23	2"
SGBLSSP72 1100 40 10	72	1100	40	10	3"
SGBLSSP96 1500 45 12	96	1500	45	12	3"
SGBLSSP96 1500 48 10	96	1500	48	10	4"
SGBLSSP280 2200 56 14	280	2200	56	14	4"

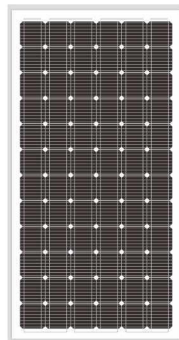
Solar Screw Pump – Cast Iron

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Motor body: stainless steel
- * Impeller: Screw (rubber+iron)
- * Motor: Permanent magnet DC brushless motor
- * Cable: 2M
- * 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: 1 year



3SGSPC

4SGSPC

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3SGSPC24 180 1.0 50	24	180	1	50	0.75"
3SGSPC24 250 1.2 60	24	250	1.2	60	0.75"
3SGSPC24 350 1.2 85	24	350	1.2	85	0.75"
3SGSPC60 500 1.9 90	60	500	1.9	90	0.75"
3SGSPC72 750 2.0 110	72	750	2	110	0.75"
4SGSPC60 600 2.3 85	60	600	2.3	85	1"
4SGSPC72 750 3.6 110	72	750	3.6	110	1"

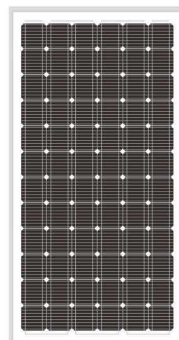
Solar Impeller Pump – Cast Iron

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
- * Max head is 20-125m, max flow is 2.5-4.5 M³/H
- * Fit for small farm, livestock
- * Warranty: 1 year



SGSIPC SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3SGSIPC24 250 2.5 20	24	250	2.5	20	1
3SGSIPC48 400 3.0 40	48	400	3	40	1
3SGSIPC60 600 3.0 55	60	600	3	55	1
3SGSIPC72 750 3.0 70	72	750	3	70	1
3SGSIPC96 900 3.0 85	96	900	3	85	1
3SGSIPC72 1100 3.0 105	72	1100	3	105	1
3SGSIPC96 1500 3.0 125	96	1500	3	125	1
3SGSIPC72 750 4.5 45	72	750	4.5	45	1
3SGSIPC96 900 4.5 60	96	900	4.5	60	1
3SGSIPC72 1100 4.5 75	72	1100	4.5	75	1
3SGSIPC96 1500 4.5 90	96	1500	4.5	90	1

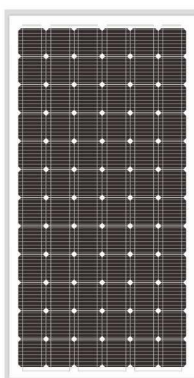
Solar Impeller Pump – Cast Iron

Material of pump

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

Product Features

- * Only use it for clean water
- * High lift but small flow, fit for home use, drinking water
- * Lower price and good quality
- * Warranty: 1 year



SGSIPC SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4SGSIPC24 400 3.5 45	24	400	3.5	45	1"
4SGSIPC24 500 3.5 60	24	500	3.5	60	1"
4SGSIPC72 800 3.5 70	72	800	3.5	70	1"
4SGSIPC72 100 3.5 90	72	1000	3.5	90	1"
4SGSIPC96 1200 4.0 115	96	1200	4	115	1"
4SGSIPC60 750 6.5 40	60	750	6.5	40	2"
4SGSIPC72 1200 6.5 70	72	1200	6.5	70	2"
4SGSIPC96 150 6.5 85	96	1500	6.5	85	2"
4SGSIPC280 2200 7.0 110	280	2200	7	110	2"
4SGSIPC72 1000 9.5 45	72	1000	9.5	45	2"
4SGSIPC96 1500 9.5 70	96	1500	9.5	70	2"
4SGSIPC72 1300 13.0 30	72	1100	13	30	2"
4SGSIPC96 1500 13.0 50	96	1500	13	50	2"

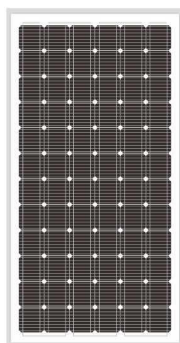
BLDC Solar Screw Pump

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: stainless steel/Iron
- * Impeller: screw
- * Motor: DC brush motor
- * Cable: 20M

Product Features

- * Only use it for clean water
- * Small flow, fit for home use, drinking water

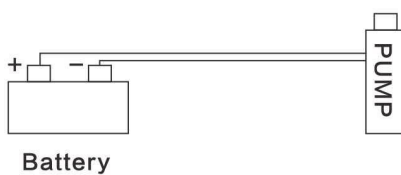
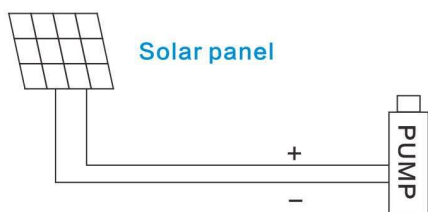


SGBLSCP



SGBLSCP

Installation Diagram



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)	CABLE (M)
SGBLSCP12 200 2.0 25	12	200	2	25	1"	20
SGBLSCP24 400 3.0 50	24	400	3	50	1"	20
SGBLSCP36 300 3.0 40	36	300	3	40	1"	20
SGBLSCP48 400 3.0 60	48	400	3	60	1"	20
SGBLSCP72 600 3.0 70	72	600	3	70	1"	20

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)	CABLE (M)
3SGBLSCP24 250 1.5 50 1	24	250	1.5	50	1"	17

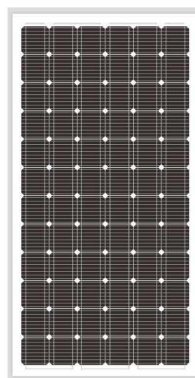
BLDC Solar Impeller Pump

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: stainless steel
- * Impeller: Impeller
- * Motor: DC brush motor
- * Cable: 20 M

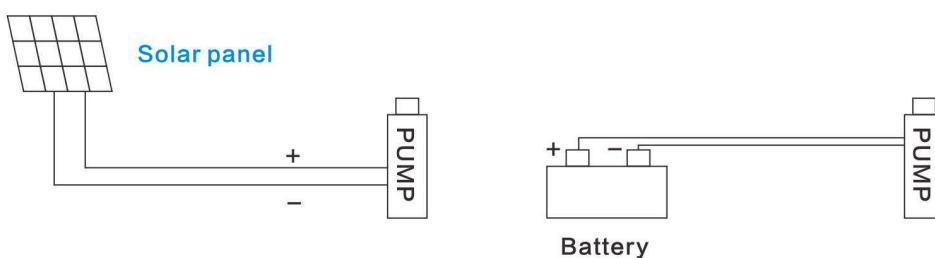
Product Features

- * Only use it for clean water
- * Small flow, fit for home use, drinking water



SGBLSCP SERIES

Installation Diagram



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)	CABLE (M)
SGBLSCP12 200 2.5 20	12	200	2.5	20	1"	20
SGBLSCP24 400 3.0 40	24	400	3	40	1"	20
SGBLSCP48 400 3.0 50	48	400	3	50	1"	20
SGBLSCP72 600 3.0 60	72	600	3	60	1"	20
SGBLSCP96 750 3.0 75	96	750	3	75	1"	20
SGBLSCP72 750 12.0 30	48	750	12	30	2"	20

ITEM NO.	VOLTAGE (V)	POWER (W)	PERFORMANCE FLOW (M ³ /H)	PERFORMANCE HEAD (M)	OUTLET (INCH)	CABLE (M)
SGBLSCP48 750 6.5 20	48	750	6.5	20	2"	20

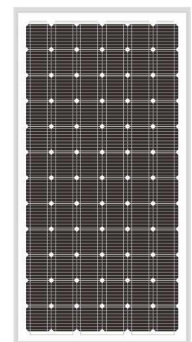
BLDC Solar Submersible Pump

Material of pump

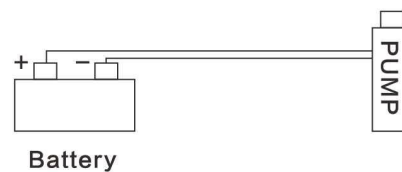
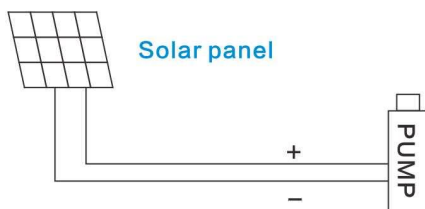
- * Outlet: Plastic
- * Pump body: Iron
- * Impeller: plastic
- * Motor: DC brush motor
- * Cable: 3 M

Product Features

- * Only use it for clean water
- * Low lift, Small flow, fit for home use, drinking water



Installation Diagram



SGBLSSP SERIES

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
SGBLSSP12 180 3.0 10	12	180	3	10	1"
SGBLSSP24 200 6.0 6	24	200	6	6/8/12	1"/1.5"/2"
SGBLSSP48 280 7.0 6	48	280	7	6/8/12	1"/1.5"/2"
SGBLSSP60 300 7.0 6	60	300	7	6/8/12	1"/1.5"/2"
SGBLSSP12 180 3.0 10	12	180	3	10	1"
SGBLSSP24 200 4.0 12	24	200	4	12	1"
SGBLSSP48 260 5.0 14	48	260	5	14	1"
SGBLSSP60 280 5.0 14	60	280	5	14	1"
SGBLSSP12 160 3.0 10	12	160	3	9-10	1"
SGBLSSP24 190 4.0 12	24	190	4	12	1"
SGBLSSP48 255 5.0 14	48	255	5	14	1"
SGBLSSP60 270 5.0 14	60	270	5	14	1"

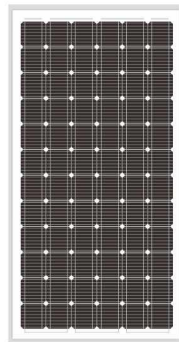
BLDC Solar Surface Pump

Material of pump

- * Outlet: Iron
- * Pump head: Iron
- * Pump body: Aluminium
- * Impeller: brass
- * Motor: DC brush motor
- * Cable: 1.5M

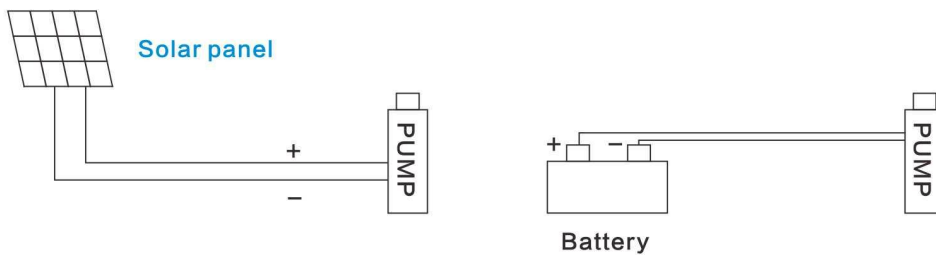
Product Features

- * Only use it for clean water
- * Low lift, Small flow, fit for home use, drinking water



LSWQB

Installation Diagram



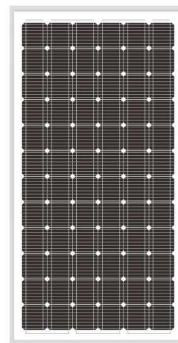
ITEM NO.	VOLTAGE (V)	POWER (W)	Max. Suct (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
SGBLSP12 180 1.5 15	12	180	5	1.5	15	0.75"*0.75"
SGBLSP24 280 1.5 25	24	280	5	1.5	25	0.75"*0.75"
SGBLSP48 350 1.5 35	48	350	5	1.5	35	0.75"*0.75"

BLDC Solar Submersible Pump

- Impeller: Brass
- Material of pump
- * Outlet: Iron
- * Pump body: Iron
- * Impeller: Al
- * Motor: DC brush motor
- * Cable: 10m

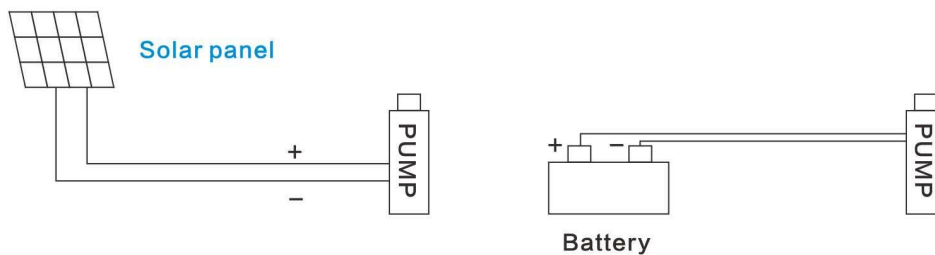
Product Features

- * Only use it for clean water
- * Low lift, Small flow, fit for home use, drinking water



LSGP-2 SERIES

Installation Diagram



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
SGBLSSP96 750 14 18	96	750	14	18	2"
SGBLSSP110 1100 15 22	110	1100	15	22	2"