



SOLAR PUMP

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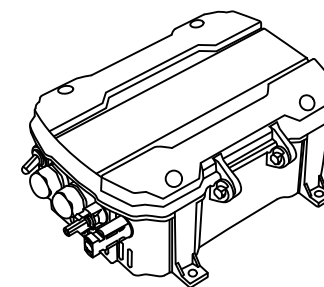
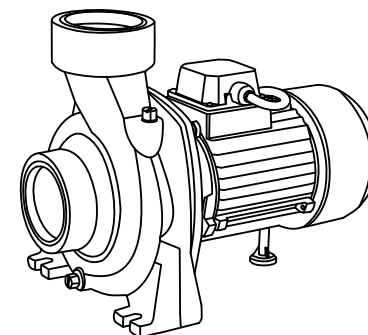
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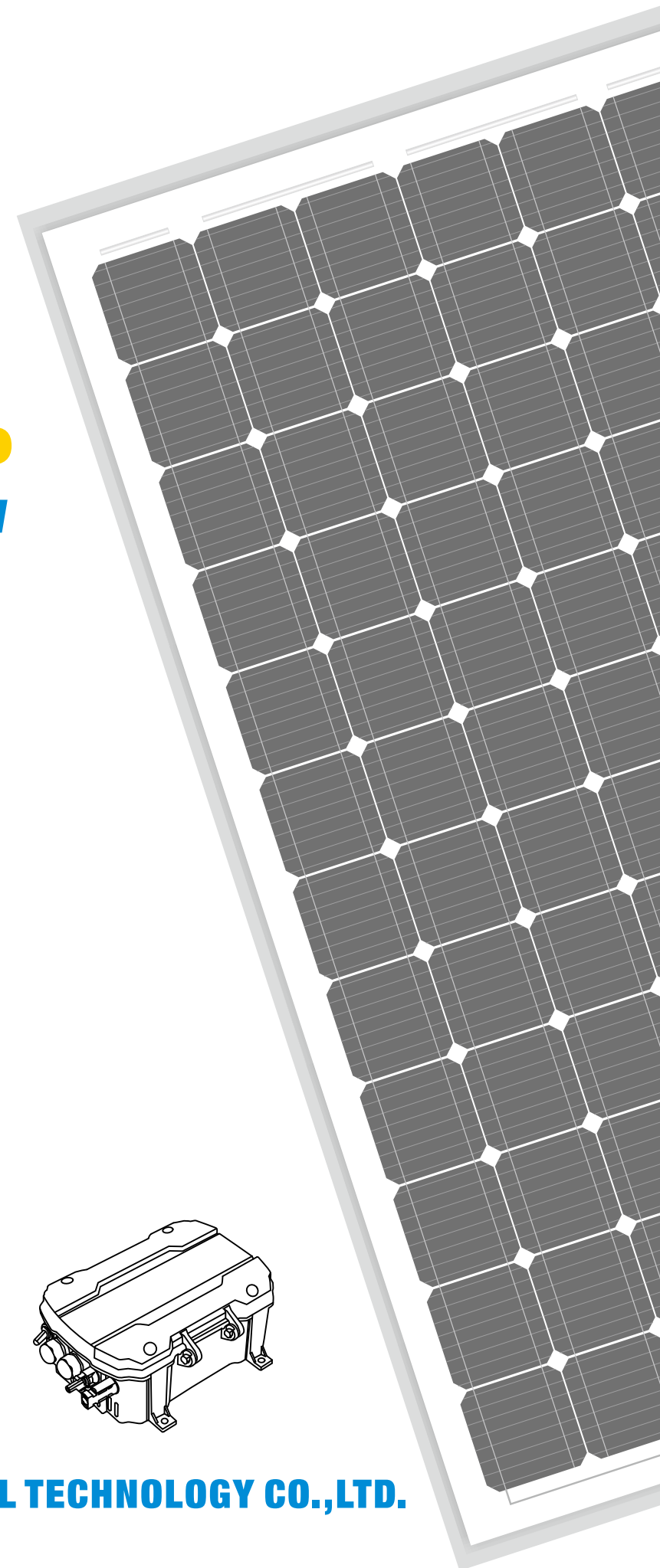
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TAIZHOU LUBA ELECTRICAL TECHNOLOGY CO.,LTD.



Company Profile

- ◎ **History** : More than 6 years experience of manufacturing DC solar pumps and solar inverter.
- ◎ **Scale** : Cover working area of 2500 square meters, more than 50 employees.
- ◎ **Technology** : A group of professional technical engineers and a strong R&D team.
- ◎ **Innovation** : Continuously diversify products range to satisfy customer needs.
- ◎ **Main market** : Middle East, Southeast Asia, Africa, Latin America, etc.

Corporate Philosophy

- ◎ Everything for the smile of customers and employees
- ◎ Creating a better life by making quality products

Corporate Objectives

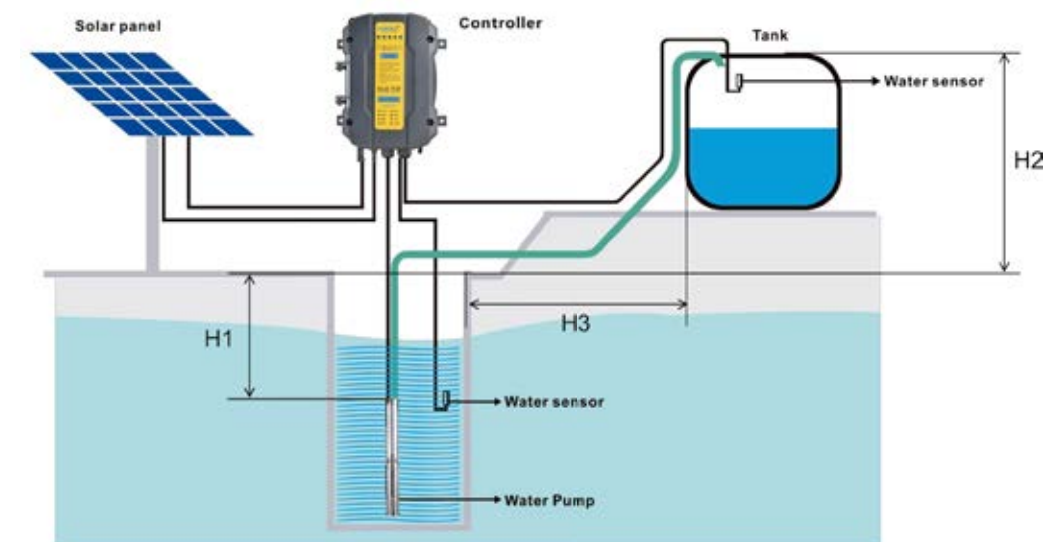
- ◎ Build up the leading solar water pump R&D, manufacturing, sales and service system
- ◎ Timely delivery of high quality products and high level of service according to customer needs
- ◎ To be the leader of the solar water pump industry

Certificate

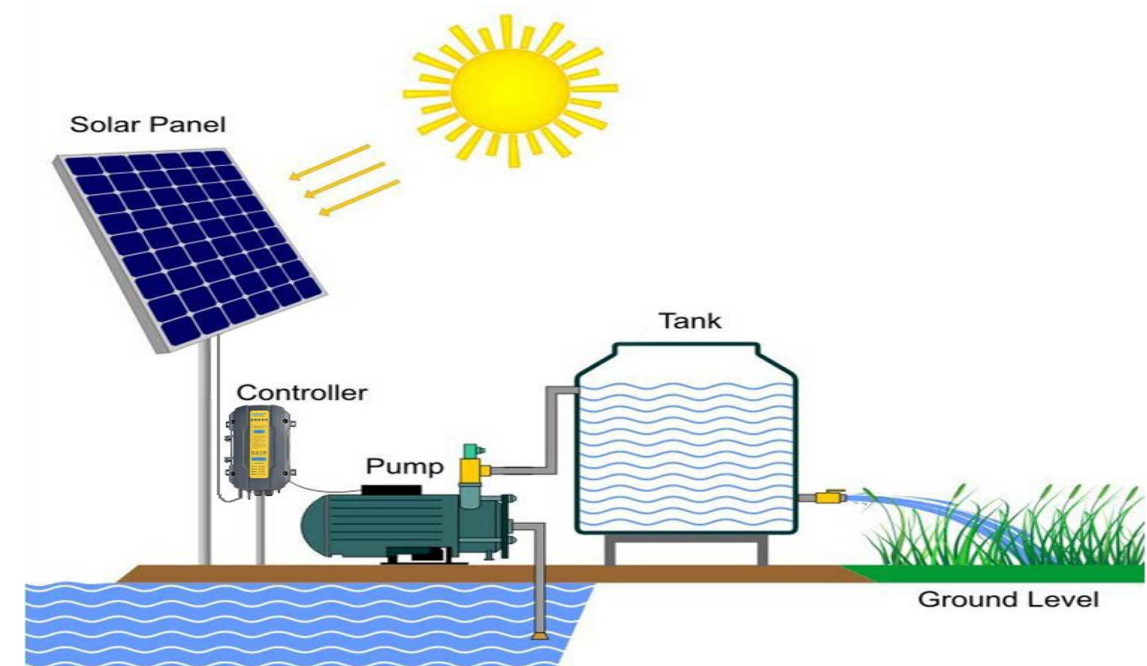


System Principle

Brief introduction of deep well solar pump system



Brief introduction of surface solar pump system



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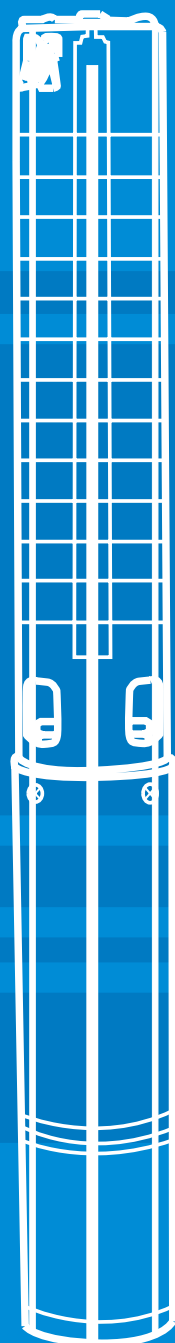
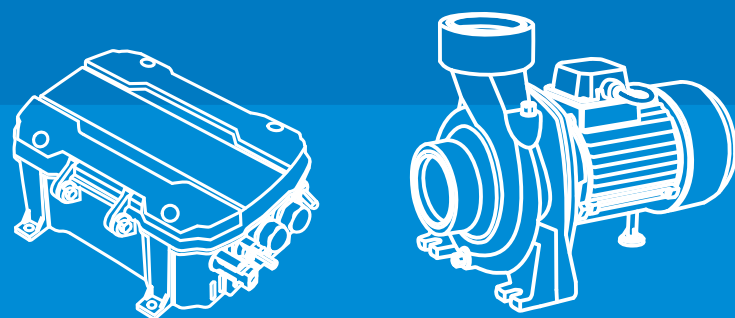
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Traditional Brushless Solar Pump



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

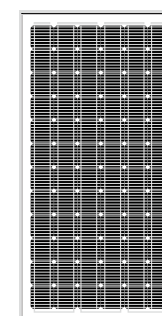
LSS: LARENS solar pump screw model

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

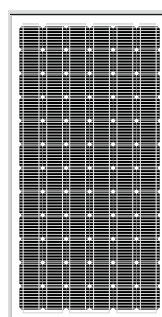
LSC: LARENS solar pump centrifugal model

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

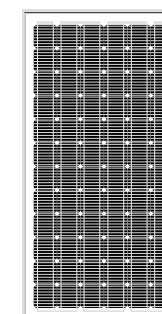
PSS: Solar pump centrifugal model

4.5: Max flow

35: Max head

48: Pump voltage

400: Pump power



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (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
- ◎ 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: LARENS 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"

LSQB Series DC Brushless Surface Solar Pump

Material Of Pump

- ☉ Outlet: Iron/Stainless steel
- ☉ Pump head: Iron/Stainless steel
- ☉ Pump body: Iron/Stainless steel
- ☉ Impeller: Brass
- ☉ Motor: Permanent magnet DC brushless motor
- ☉ Cable: 1.2M
- ☉ Air cooling
- ☉ MPPT function controller



-S

Product Features

- ☉ Medium lift and medium flow, fit for home use
- ☉ Warranty: 1 year

Model Analysis

LSQB1.3/16-12/150

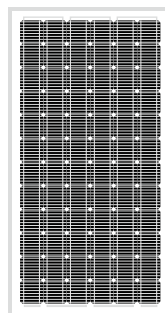
LSQB: LARENS solar pump QB series

1.3: Max flow

16: Max head

12: Pump voltage

150: Pump power



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M ³ /H)	(M)	(INCH)
LSQB1.3/16-12/150	12	150	8	1.3	16	1.0"X1.0"
LSQB2.0/28-24/250	24	250	8	2.0	28	1.0"X1.0"
LSQB2.2/40-48/400	48	400	8	2.2	40	1.0"X1.0"
LSQB1.3/15-12/150-S	12	150	8	1.3	15	1.0"X1.0"
LSQB2.0/22-24/250-S	24	250	8	2.0	22	1.0"X1.0"
LSQB2.5/33-48/400-S	48	400	8	2.5	33	1.0"X1.0"

LRQB Series DC Brushless Surface Solar Pump

Material Of Pump

- ☉ Outlet: Iron/Stainless steel
- ☉ Pump head: Iron/Stainless steel
- ☉ Pump body: Iron/Stainless steel
- ☉ Impeller: Brass
- ☉ Motor: Permanent magnet DC brushless motor
- ☉ Cable: 1.2M
- ☉ Air cooling
- ☉ MPPT function controller



-S/-S70

Product Features

- ☉ Medium lift and medium flow, fit for home use
- ☉ Warranty: 1 year

Model Analysis

LRQB2.0/17-24/250

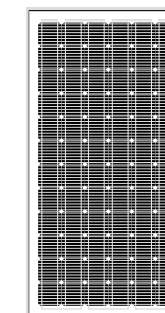
LRQB: LARENS solar pump RQB series

2.0: Max flow

17: Max head

24: Pump voltage

250: Pump power



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M ³ /H)	(M)	(INCH)
LRQB2.0/17-24/250	24	250	8	2	17	1.0X1.0
LRQB2.5/28-48/400	48	400	8	2.5	28	1.0X1.0
LRQB1.8/22-24/250-S	24	250	8	1.8	22	1.0X1.0
LRQB2.2/30-48/400-S	48	400	8	2.2	30	1.0X1.0
LRQB3.3/40-72/600-S70	72	600	8	3.3	40	1.0X1.0
LRQB3.3/49-96/750-S70	96	750	8	3.3	49	1.0X1.0

LSGJ/LSJ Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Stainless steel/Iron
- ◎ Pump head: Stainless steel/Iron
- ◎ Pump body: Aluminium
- ◎ Impeller: Brass/Plastic
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller



LSGJ



LSJ

Product Features

- ◎ High lift and small flow, fit for home use
- ◎ Warranty: 1 year

Model Analysis

LSGJ3.1/35-60/550

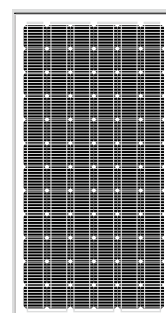
LSGJ: LARENS solar pump SGJ series

3.1: Max flow

35: Max head

60: Pump voltage

550: Pump power



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M ³ /H)	(M)	(INCH)
LSGJ3.1/35-60/550	60	550	8	3.1	35	1"x1"
LSGJ3.1/40-72/750	72	750	8	3.1	40	1"x1"
LSJ3.0/35-60/550	60	550	8	3.0	35	1"x1"
LSJ3.5/42-60/750	60	750	8	3.5	42	1"x1"

LSZ Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump head: Iron
- ◎ Pump body: Iron
- ◎ Impeller: Iron
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller



Product Features

- ◎ Medium lift and medium flow, fit for home use and Irrigation
- ◎ Warranty: 1 year

Model Analysis

LSZ11.0/15-72/600

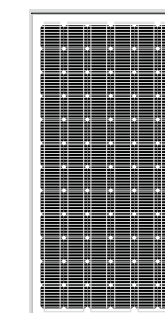
LSZ: LARENS solar pump SZ series

11: Max flow

15: Max head

72: Pump voltage

600: Pump power



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M ³ /H)	(M)	(INCH)
LSZ11/15-72/600	72	600	8	11	15	1.5"X1.5"(PIPE)
LSZ12/18-96/750	96	750	8	12	18	2.0"X2.0"(PIPE)
LSZ16/27-96/1500	96	1500	8	16	27	2.0"X2.0"
LSZ38/25-280/2200	280	2200	8	38	25	3.0"X3.0"

LHF Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump head: Iron
- ◎ Pump body: Iron
- ◎ Impeller: Brass
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller



Product Features

- ◎ Medium lift and large flow, fit for irrigation
- ◎ Warranty: 1 year

Model Analysis

LHF15/14-72/550

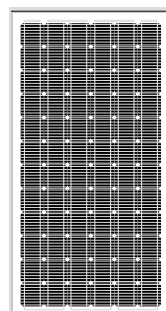
LHF: LARENS solar pump HF series

15: Max flow

14: Max head

72: Pump voltage

550: Pump power



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M³/H)	(M)	(INCH)
LHF15/14-72/550	72	550	8	15	14	1.5"x1.5"
LHF20/14-96/750	96	750	8	20	14	2"x2"
LHF28/15-72/1100	72	1100	8	28	15	2"x2"
LHF45/17-96/1500	96	1500	8	45	17	3"x3"
LHF60/16-280/2200	280	2200	8	60	16	4"x4"

LZSU Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Aluminium
- ◎ Pump head: Aluminium
- ◎ Pump body: Aluminium
- ◎ Impeller: Aluminium
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller



Product Features

- ◎ Low lift and large flow, fit for irrigation
- ◎ Warranty: 1 year

Model Analysis

LZSU18/22-96/1500

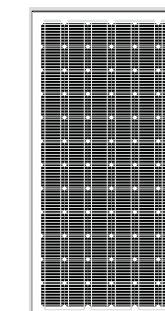
LZSU: LARENS solar pump ZSU series

18: Max flow

22: Max head

96: Pump voltage

1500: Pump power



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M³/H)	(M)	(INCH)
LZSU18/22-96/1500	96	1500	8	18	22	2.0"x2.0"
LZSU45/19-280/2200	280	2200	8	45	19	3.0"x3.0"

LSP Series DC Brushless Swimming Pool Solar Pump

Material Of Pump

- ◎ Outlet: Plastic
- ◎ Pump head: Plastic
- ◎ Pump body: Plastic
- ◎ Impeller: Plastic
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller

Product Features

- ◎ Low lift and large flow, fit for swimming pool use
- ◎ Warranty: 1 year



Model Analysis

LSP6/9-24/200

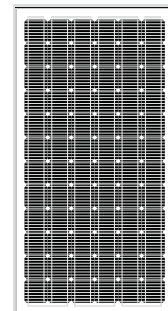
LSP: LARENS solar pump SP series

6: Max flow

9: Max head

24: Pump voltage

200: Pump power



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	TUBE DIAMTER (MM)
LSP6/9-24/200	24	200	6	9	φ 32/ φ 38
LSP10/10-24/370	24	370	10	10	φ 50/ φ 50
LSP14/13-60/550	60	550	14	13	φ 50/ φ 50
LSP16/14-72/750	72	750	16	14	φ 50/ φ 50
LSP22/13-96/1100	96	1100	22	13	φ 60/ φ 63
LSP25/14-96/1500	96	1500	25	14	φ 60/ φ 63
LSP36/18-280/2200	280	2200	36	18	φ 60/ φ 63

LSG Series DC Brushless Submersible Solar Pump

Material Of Pump

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

Product Features

- ◎ Medium lift and large flow, fit for home use
- ◎ Warranty: 1 year



Model Analysis

LSG40/10-72/1100

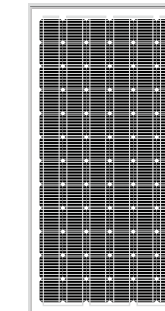
LSG: LARENS solar pump SG series

40: Max flow

10: Max head

72: Pump voltage

1100: Pump power



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	TUBE DIAMETER (INCH)
LSG40/10-72/1100	72	1100	40	10	3"
LSG45/12-96-1500	96	1500	45	12	3"
LSG48/10-96/1500	96	1500	48	10	4"
LSG56/14-280/2200	280	2200	56	14	4"

3LARS/4LARS Iron Series Screw Solar Pump

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 controlle

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

Model Analysis

3LARS1.0/50-24/180

3:3 inch pump body dimension

LARS: LARENS iron series solar pump

screw model

1.0: Max flow

50: Max head

24: Pump voltage

180: Pump power



3LARS

4LARS

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3LARS1.0/50-24/180	24	180	1.0	50	0.75"
3LARS1.2/60-24/250	24	250	1.2	60	0.75"
3LARS1.2/85-24/350	24	350	1.2	85	0.75"
3LARS1.5/85-48/400	48	400	1.5	85	0.75"
3LARS1.9/90-60/500	60	500	1.9	90	0.75"
3LARS2.0/110-72/750	72	750	2.0	110	0.75"
4LARS2.3/85-60/600	60	600	2.3	85	1"
4LARS3.6/110-72/750	72	750	3.6	110	1"

3LAR 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
- ◎ Max head is 150M, max flow is 6.5M³/H
- ◎ Fit for small farm, livestock
- ◎ Warranty: 1 year

Model Analysis

3LAR2.5/20-24/250

3:3 inch pump body dimension

LAR: LARENS 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)
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"
3LAR3.5/110-72/1100	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"

4LAR Iron Series Plastic Impeller Solar Pump

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 w
- ◎ High lift and medium flow, fit for home use and irrigation
- ◎ Lower price and good quality
- ◎ Warranty: 1 year

Model Analysis

4LAR2.5/20-24/250

4:4 inch pump body dimension

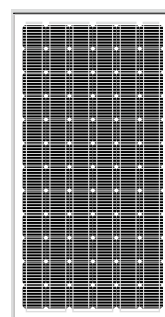
LAR:LARENS solar pump

2.5: Max flow

20: Max head

24: Pump voltage

250: Pump power



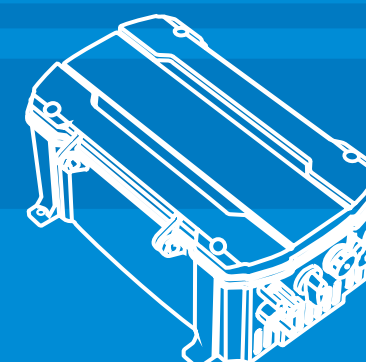
ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4LAR2.5/20-24/250	24	250	2.5	20	1"
4LAR3.5/50-48/400	48	400	3.5	50	1"
4LAR3.5/65-72/600	72	600	3.5	65	1"
4LAR3.5/85-96/750	96	750	3.5	85	1"
4LAR3.5/110-72/1100	72	1100	3.5	110	1"
4LAR5.5/25-48/400	48	400	5.5	25	2"
4LAR6.0/35-72/600	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"

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)



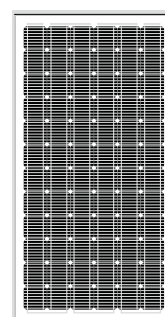
3LSC-H Series Plastic Impeller Solar Pump

Material Of Pump

- ◎ Outlet: Brass
- ◎ Pump head: Brass
- ◎ Pump body: 201 stainless steel
- ◎ Impeller: Plastic
- ◎ 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
- ◎ Support DC power input voltage : 90~460Vdc;
AC main power electricity or generator voltage:
90~240Vac,50/60Hz
- ◎ Fit for small farm, livestock
- ◎ Warranty: 2 years



Model Analysis

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

3:3 inch pump body dimension

LSC: LARENS 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"

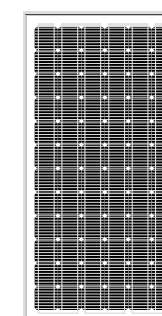
3PSS-H Series Stainless Steel Impeller Solar Pump

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
- ◎ Support DC power input voltage : 90~460Vdc;
AC main power electricity or generator voltage:
90~240Vac,50/60Hz
- ◎ 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
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 2M
- ◎ Oil cooling
- ◎ MPPT function controller

Model Analysis

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

4:4 inch pump body dimension

LSC: LARENS solar pump centrifugal model

4.0: Max flow

50: Max head

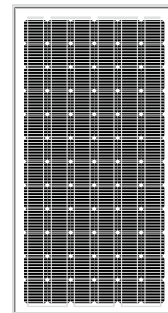
72: Pump voltage

600: Pump power

H: AC/DC Hybrid

Product Features

- ◎ Only use it for clean water
- ◎ Max head is 190M, max flow is 14.5 M3/H
- ◎ Support DC power input voltage : 90~460Vdc; AC main power electricity or generator voltage: 90~240Vac,50/60Hz
- ◎ Fit for small farm livestock
- ◎ Warranty: 2 years



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

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

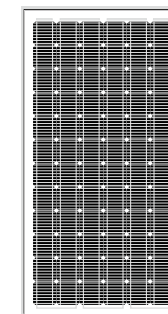
24: Pump voltage

400: Pump power

H: AC/DC Hybrid

Product Features

- ◎ Max head is 260M. max flow is 25 M3/H
- ◎ Support DC power input voltage : 90~460Vdc; AC main power electricity or generator voltage: 90~240Vac,50/60Hz
- ◎ High lift and big flow, fit for Irrigation
- ◎ Warranty: 2 years



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"

LSGJ-H Series Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Stainless steel
- ◎ Pump head: Stainless steel
- ◎ Pump body: Aluminium
- ◎ Impeller: Brass
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller

Product Features

- ◎ Support DC power input voltage : 90~460Vdc; AC main power electricity or generator voltage: 90~240Vac,50/60Hz
- ◎ High lift and small flow, fit for home use
- ◎ Warranty:1 year

Model Analysis

LSGJ3.1/35-72/600-H

LSGJ: LARENS solar pump SGJ series

3.1: Max flow

35:Max head

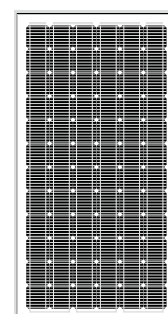
72: Pump voltage

600: Pump power

H: AC/DC Hybrid



LSGJ



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M3/H)	(M)	(INCH)
LSGJ3.1/35-72/600-H	72	600	8	3.1	35	1"x1"
LSGJ3.1/40-96/750-H	96	750	8	3.1	40	1"x1"

LSP-H Series Brushless Swimming Pool Solar Pump

Material Of Pump

- ◎ Outlet: Plastic
- ◎ Pump head: Plastic
- ◎ Pump body: Plastic
- ◎ Impeller: Plastic
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller

Product Features

- ◎ Support DC power input voltage : 90~460Vdc; AC main power electricity or generator voltage: 90~240Vac,50/60Hz
- ◎ Low lift and large flow, fit for swimming pool use
- ◎ Warranty: 1 year

Model Analysis

LSP14/13-72/600-H

LSP: LARENS solar pump SP series

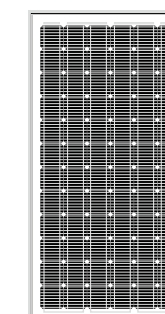
14: Max flow

13: Max head

72: Pump voltage

600: Pump power

H: AC/DC Hybrid



ITEM	VOLTAGE	POWER	MAX FLOW	MAX HEAD	TUBE DIAMTER
NO.	(V)	(W)	(M ³ /H)	(M)	(MM)
LSP14/13-72/600-H	72	600	14	13	φ 50/ φ 50
LSP16/14-96/750-H	96	750	16	14	φ 50/ φ 50
LSP22/13-144/1100-H	144	1100	22	13	φ 60/ φ 63
LSP25/14-192/1500-H	192	1500	25	14	φ 60/ φ 63
LSP36/18-280/2200-H	280	2200	36	18	φ 60/ φ 63

LHF-H Series Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump head: Iron
- ◎ Pump body: Iron
- ◎ Impeller: Brass
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller

Product Features

- ◎ Support DC power input voltage : 90~460Vdc; AC main power electricity or generator voltage: 90~240Vac,50/60Hz
- ◎ Low lift and large flow, fit for irrigation
- ◎ Warranty: 1 year

Model Analysis

LHF15/14-72/550-H

LHF: LARENS solar pump HF series

15: Max flow

14: Max head

72: Pump voltage

550: Pump power

H: AC/DC Hybrid



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M ³ /H)	(M)	(INCH)
LHF15/14-72/550-H	72	550	8	15	14	1.5"x1.5"
LHF20/14-96/750-H	96	750	8	20	14	2"x2"
LHF28/15-144/1100-H	144	1100	8	28	15	2"x2"
LHF45/17-192/1500-H	192	1500	8	45	17	3"x3"
LHF60/16-280/2200-H	280	2200	8	60	16	4"x4"

LZSU-H Series Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump head: Iron
- ◎ Pump body: Iron
- ◎ Impeller: Brass
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller

Product Features

- ◎ Support DC power input voltage : 90~460Vdc; AC main power electricity or generator voltage: 90~240Vac,50/60Hz
- ◎ Low lift and large flow, fit for irrigation
- ◎ Warranty: 1 year

Model Analysis

LZSU18/22-192/1500-H

LZSU: LARENS solar pump ZSU series

18: Max flow

22: Max head

192: Pump voltage

1500: Pump power

H: AC/DC Hybrid



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M ³ /H)	(M)	(INCH)
LZSU18/22-192/1500-H	192	1500	8	18	22	2.0"x2.0"
LZSU45/19-280/2200-H	280	2200	8	45	19	3.0"x3.0"

LSG-H Series Brushless Submersible Solar Pump

Material Of Pump

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

Product Features

- ◎ Support DC power input voltage : 90~460Vdc;
AC main power electricity or generator voltage:
90~240Vac,50/60Hz
- ◎ Medium lift and large flow, fit for home use
- ◎ Warranty: 1 year

Model Analysis

LSG40/10-144/1100-H

LSG: LARENS solar pump SG series

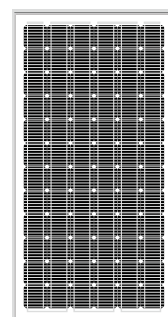
40: Max flow

10: Max head

144: Pump voltage

1100: Pump power

H: AC/DC Hybrid



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	TUBE DIAMETER (INCH)
LSG40/10-144/1100-H	144	1100	40	10	3"
LSG45/12-192/1500-H	192	1500	45	12	3"
LSG48/10-192/1500-H	192	1500	48	10	4"
LSG56/14-280/2200-H	280	2200	56	14	4"

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.Over voltage and under voltage protection
- 5.Over current protection
- 6.Locked rotor protection
- 7.Phase deficiency protection
- 8.Reverse protection
- 9.MPPT function(maximum power point tracking)
- 10.Low temperature rise



3LSIS/4LSIS 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
- 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

Model Analysis

3LSIS1.2/60-24/180

3:3 inch pump body dimension

LSIS: LARENS stainless steel In-Built screw solar pump

1.2: Max flow

60: Max head

24: Pump voltage

180: Pump power



3LSIS

4LSIS

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3LSIS1.2/60-24/180	24	180	1.2	60	0.75"
3LSIS1.3/70-24/250	24	250	1.3	70	0.75"
3LSIS1.3/95-48/400	48	400	1.3	95	0.75"
3LSIS2.0/120-72/600	72	600	2.0	120	0.75"
3LSIS2.0/140-96/750	96	750	2.0	140	0.75"
4LSIS2.0/35-24/180	24	180	2.0	35	1"
4LSIS2.5/40-24/250	24	250	2.5	40	1"
4LSIS3.0/60-48/400	48	400	3.0	60	1"
4LSIS3.0/85-60/600	60	600	3.0	85	1"
4LSIS3.0/110-96/750	96	750	3.0	110	1"

3LCII Series Plastic Impeller Solar Pump

Material Of Pump

- Outlet: Brass
- Pump head: Brass
- Pump body: 201 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
- Max head is 150M. max flow is 6.5M³/H
- Fit for small farm, livestock
- Warranty: 1 year

Model Analysis

3LCII2.5/20-24/250

3:3 inch pump body dimension

LCII: LARENS centrifugal In-Built impeller solar pump

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)
3LCII2.5/20-24/250	24	250	2.5	20	1"
3LCII3.0/40-48/400	48	400	3.0	40	1"
3LCII3.5/60-72/600	72	600	3.5	60	1"
3LCII3.5/75-96/750	96	750	3.5	75	1"
3LCII3.5/110-72/1100	72	1100	3.5	110	1"
3LCII3.5/150-96/1500	96	1500	3.5	150	1"
3LCII5.5/22-48/400	48	400	5.5	22	1"
3LCII6.0/35-72/600	72	600	6.0	35	1"
3LCII6.5/45-96/750	96	750	6.5	45	1"
3LCII6.5/70-72/1100	72	1100	6.5	70	1"
3LCII6.5/100-96/1500	96	1500	6.5	100	1"

3PII 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 130M. max flow is 4.5 M³/H
- ◎ High lift and big flow, fit for irrigation
- ◎ Warranty: 1 year

Model Analysis

3PII4.5/35-48/400

3:3 inch pump body dimension

PII: In-Built impeller solar pump

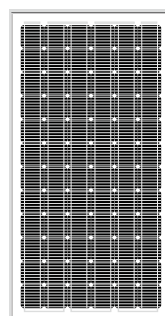
4.5: Max flow

35: Max head

48: Pump voltage

400: Pump power

In-Built



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3PII4.5/35-48/400	48	400	4.5	35	1.25"
3PII4.5/55-72/600	72	600	4.5	55	1.25"
3PII4.5/65-96/750	96	750	4.5	65	1.25"
3PII4.5/95-72/1100	72	1100	4.5	95	1.25"
3PII4.5/130-96/1500	96	1500	4.5	130	1.25"

4LCII Series Plastic Impeller Solar Pump

Material Of Pump

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

Model Analysis

4LCII2.5/20-24/250

4:4 inch pump body dimension

LCII: LARENS solar pump centrifugal model

2.5: Max flow

20: Max head

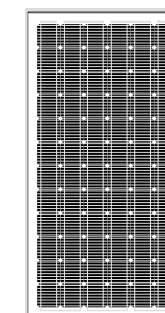
24: Pump voltage

250: Pump power

Product Features

- ◎ Only use it for clean water
- ◎ Max head is 130M, max flow is 14.5 M³/H
- ◎ Fit for small farm livestock
- ◎ Warranty: 1 year

In-Built



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4LCII2.5/20-24/250	24	250	2.5	20	1.25"
4LCII3.5/50-48/400	48	400	3.5	50	1.25"
4LCII3.5/65-72/600	72	600	3.5	65	1.25"
4LCII3.5/85-96/750	96	750	3.5	85	1.25"
4LCII3.5/110-72/1100	72	1100	3.5	110	1.25"
4LCII3.0/18-24/250	24	250	3.0	18	1.25"
4LCII4.0/35-48/400	48	400	4.0	35	1.25"
4LCII4.0/50-72/600	72	600	4.0	50	1.25"
4LCII4.0/70-96/750	96	750	4.0	70	1.25"
4LCII4.0/95-72/1100	72	1100	4.0	95	1.25"
4LCII4.5/130-96/1500	96	1500	4.5	130	1.25"
4LCII5.5/25-48/400	48	400	5.5	25	1.5"
4LCII6.0/35-72/600	72	600	6.0	35	1.5"
4LCII6.5/50-96/750	96	750	6.5	50	1.5"
4LCII6.5/75-72/1100	72	1100	6.5	75	1.5"
4LCII7.0/110-96/1500	96	1500	7.0	110	1.5"
4LCII7.0/20-48/400	48	400	7.0	20	2"
4LCII9.0/30-72/600	72	600	9.0	30	2"
4LCII9.0/45-96/750	96	750	9.0	45	2"
4LCII9.0/65-72/1100	72	1100	9.0	65	2"
4LCII10.0/95-96/1500	96	1500	10.0	95	2"
4LCII13.0/15-72/600	72	600	13.0	15	2"
4LCII13.0/25-96/750	96	750	13.0	25	2"
4LCII14.0/40-72/1100	72	1100	14.0	40	2"
4LCII14.5/65-96/1500	96	1500	14.5	65	2"

4PII/6PII 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

4PII2.5/27-24/250

4:4 inch pump body dimension

PII: In-Built impeller solar pump

2.5: Max flow

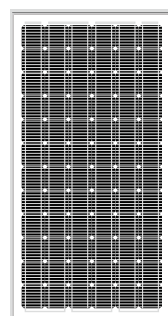
27: Max head

24: Pump voltage

250: Pump power

Product Features

- ◎ Max head is 170M. max flow is 25 M³/H
- ◎ High lift and big flow, fit for Irrigation
- ◎ Warranty: 1 year



4PII

6PII

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4PII2.5/27-24/250	24	250	2.5	27	1.25"
4PII2.5/40-24/400	24	400	2.5	40	1.25"
4PII3.0/50-48/400	48	400	3.0	50	1.25"
4PII3.0/80-72/600	72	600	3.0	80	1.25"
4PII3.0/100-96/750	96	750	3.0	100	1.25"
4PII3.0/125-120/900	120	900	3.0	125	1.25"
4PII3.0/140-72/1100	72	1100	3.0	140	1.25"
4PII3.0/170-96/1500	96	1500	3.0	170	1.25"
4PII3.0/25-24/250	24	250	3.0	25	1.25"
4PII4.0/35-24/400	24	400	4.0	35	1.25"
4PII5.0/40-48/400	48	400	5.0	40	1.25"
4PII5.5/50-72/600	72	600	5.5	50	1.25"
4PII5.5/70-96/750	96	750	5.5	70	1.25"
4PII5.5/85-120/900	120	900	5.5	85	1.25"
4PII5.5/100-72/1100	72	1100	5.5	100	1.25"
4PII6.0/130-96/1500	96	1500	6.0	130	1.25"
4PII5.0/25-24/400	24	400	5.0	25	1.5"
4PII6.0/30-48/400	48	400	6.0	30	1.5"
4PII7.0/40-72/600	72	600	7.0	40	1.5"
4PII8.0/50-96/750	96	750	8.0	50	1.5"
4PII8.0/65-120/900	120	900	8.0	65	1.5"
4PII8.0/80-72/1100	72	1100	8.0	80	1.5"
4PII9.0/100-96/1500	96	1500	9.0	100	1.5"
4PII15.0/30-96/750	96	750	15.0	30	2"
4PII15.0/40-120/900	120	900	15.0	40	2"
4PII15.0/45-72/1100	72	1100	15.0	45	2"
4PII16.0/70-96/1500	96	1500	16.0	70	2"
4PII21.0/35-96/1500	96	1500	21.0	35	2"
6PII25.0/30-96/1500	96	1500	25.0	30	3"

LIQB Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Iron/Stainless steel
- ◎ Pump head: Iron/Stainless steel
- ◎ Pump body: Iron/Stainless steel
- ◎ Impeller: Brass
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller

Product Features

- ◎ Medium lift and medium flow, fit for home use
- ◎ Warranty: 1 year



Model Analysis

LIQB1.3/16-12/150

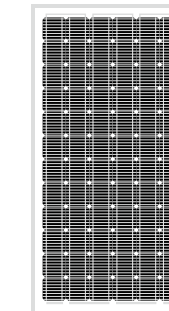
LIQB: In-Built QB series

1.3: Max flow

16: Max head

12: Pump voltage

150: Pump power



-S

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	INLET/OUTLET (INCH)
LIQB1.3/16-12/150	12	150	8	1.3	16	1.0"X1.0"
LIQB2.0/28-24/250	24	250	8	2.0	28	1.0"X1.0"
LIQB2.2/40-48/400	48	400	8	2.2	40	1.0"X1.0"
LIQB1.3/15-12/150-S	12	150	8	1.3	15	1.0"X1.0"
LIQB2.0/22-24/250-S	24	250	8	2.0	22	1.0"X1.0"
LIQB2.5/33-48/400-S	48	400	8	2.5	33	1.0"X1.0"

LIGJ/LISZ Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Stainless steel/Iron
- ◎ Pump head: Stainless steel/Iron
- ◎ Pump body: Aluminium/Iron
- ◎ Impeller: Brass/Iron
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller



LIGJ

Product Features

- ◎ LIGJ: High lift and small flow, fit for home use
- ◎ LISZ: Medium lift and medium flow, fit for home use and Irrigation
- ◎ Warranty: 1 year

Model Analysis

LIGJ3.1/26-48/400

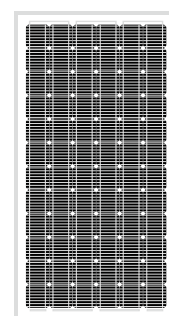
LIGJ: In-Built GJ series

3.1: Max flow

26: Max head

48: Pump voltage

400: Pump power



LISZ

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	INLET/OUTLET (INCH)
LIGJ3.1/26-48/400	48	400	8	3.1	26	1"X1"
LIGJ3.1/35-72/600	72	600	8	3.1	35	1"X1"
LIGJ3.1/40-96/750	96	750	8	3.1	40	1"X1"
LISZ11.0/15-72/600	72	600	8	11	15	2"X2"
LISZ12.0/18-96/750	96	750	8	12	18	2"X2"

LIHF Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump head: Iron
- ◎ Pump body: Iron
- ◎ Impeller: Brass
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller



LIHF (550/750W)

Product Features

- ◎ Medium lift and large flow, fit for irrigation
- ◎ Warranty: 1 year

Model Analysis

LIHF15/14-72/550

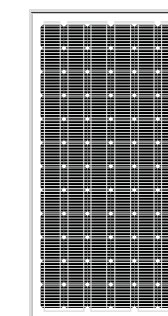
LIHF: In-Built HF series

15: Max flow

14: Max head

72: Pump voltage

550: Pump power



LIHF (1100/1500/2200W)

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	INLET/OUTLET (INCH)
LIHF15/14-72/550	72	550	8	15	14	1.5"X1.5"
LIHF16/16-96/750	96	750	8	16	16	2"X2"
LIHF28/15-72/1100	72	1100	8	28	15	2"X2"
LIHF45/17-96/1500	96	1500	8	45	17	3"X3"
LIHF60/16-280/2200	280	2200	8	60	16	4"X4"

LIS/LICPM Series DC Brushless Surface Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump head: Iron
- ◎ Pump body: Iron
- ◎ Impeller: Brass
- ◎ Motor: Permanent magnet DC brushless motor
- ◎ Cable: 1.2M
- ◎ Air cooling
- ◎ MPPT function controller

Product Features

- ◎ High lift and small flow, fit for home use
- ◎ Warranty: 1 year

Model Analysis

LIS2.5/20-24/250-35

LIS: In-Built S series

2.5: Max flow

20: Max head

24: Pump voltage

250: Pump power



ITEM	VOLTAGE	POWER	MAX SUCT	MAX FLOW	MAX HEAD	INLET/OUTLET
NO.	(V)	(W)	(M)	(M ³ /H)	(M)	(INCH)
LIS2.5/20-24/250-35	24	250	8	2.5	20	1"X1"
LIS2.5/30-48/400-35	48	400	8	2.5	30	1"X1"
LIS3.0/43-72/600-45	72	600	8	3	43	1"X1"
LIS4.0/42-96/750-65	96	750	8	4	42	1"X1"
LICPM6.0/30-96/750	96	750	8	6	30	1"X1"

LIQDX Series DC Brushless Submersible Solar Pump

Material Of Pump

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

Product Features

- ◎ Medium lift and large flow, fit for irrigation
- ◎ Warranty: 1 year

Model Analysis

LIQDX6.5/20-72/550-1

LIQDX: In-Built controller QDX series

6.5: Max flow

20: Max head

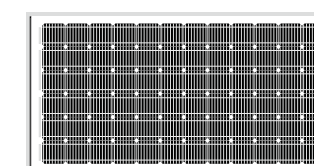
72: Pump voltage

550: Pump power

-1: Outlet(INCH)



Float Switch(Optional)



ITEM	VOLTAGE	POWER	MAX FLOW	MAX HEAD	TUBE DIAMETER
NO.	(V)	(W)	(M ³ /H)	(M)	(INCH)
LIQDX6.5/20-72/550-1	72	550	6.5	20	1"
LIQDX7.0/26-48/750-1	48	750	7.0	26	1"
LIQDX13.0/20-72/550-2	72	550	13.0	20	2"
LIQDX14.0/23-48/750-2	48	750	14.0	23	2"
LIQDX16.0/25-72/1100-2	72	1100	16.0	25	2"
LIQDX17.0/30-72/1300-2	72	1300	17.0	30	2"
LIQDX30.0/8-48/750-3	48	750	30.0	8	3"
LIQDX36.0/10-72/1100-3	72	1100	36.0	10	3"
LIQDX40.0/12-72/1300-3	72	1300	40.0	12	3"
LIQDX30.0/7-48/750-4	48	750	30.0	7	4"
LIQDX33.0/9-72/1100-4	72	1100	33.0	9	4"
LIQDX40.0/10-72/1300-4	72	1300	40.0	10	4"

3LIS/4LIS Iron Series Screw Solar Pump

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 controlle

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

Model Analysis

3LIS1.2/60-24/180

3:3 inch pump body dimension

LIS: LARENS In-Built screw solar pump

1.2: Max flow

60: Max head

24: Pump voltage

180: Pump power



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
3LIS1.2/60-24/180	24	180	1.2	60	0.75"
3LIS1.3/70-24/250	24	250	1.3	70	0.75"
3LIS1.3/95-48/400	48	400	1.3	95	0.75"
3LIS2.0/120-72/600	72	600	2.0	120	0.75"
3LIS2.0/140-96/750	96	750	2.0	140	0.75"
4LIS2.0/35-24/180	24	180	2.0	35	1"
4LIS2.5/40-24/250	24	250	2.5	40	1"
4LIS3.0/60-48/400	48	400	3.0	60	1"
4LIS3.0/85-60/600	60	600	3.0	85	1"
4LIS3.0/110-96/750	96	750	3.0	110	1"

3LII Iron Series Plastic Impeller Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump head: Iron
- ◎ Pump body: 201 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
- ◎ Max head is 150 M, max flow is 6.5M³/H
- ◎ Fit for small farm, livestock
- ◎ Warranty: 1 year

Model Analysis

3LII2.5/20-24/250

3:3 inch pump body dimension

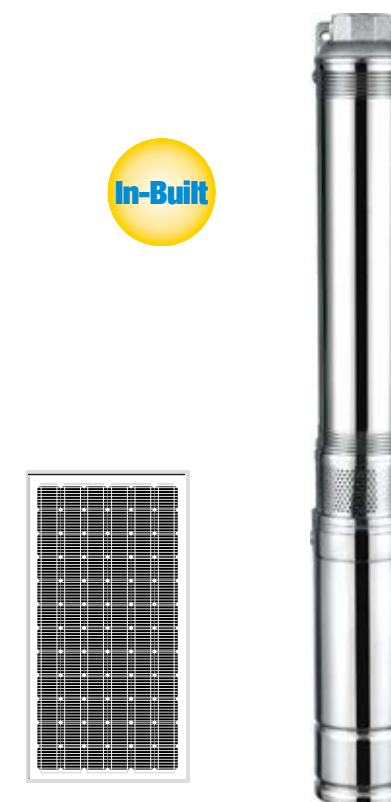
LII: LARENS In-Built impeller solar pump

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)
3LII2.5/20-24/250	24	250	2.5	20	1"
3LII3.0/40-48/400	48	400	3.0	40	1"
3LII3.5/60-72/600	72	600	3.5	60	1"
3LII3.5/75-96/750	96	750	3.5	75	1"
3LII3.5/110-72/1100	72	1100	3.5	110	1"
3LII3.5/150-96/1500	96	1500	3.5	150	1"
3LII5.5/22-48/400	48	400	5.5	22	1"
3LII6.0/35-72/600	72	600	6.0	35	1"
3LII6.5/45-96/750	96	750	6.5	45	1"
3LII6.5/70-72/1100	72	1100	6.5	70	1"
3LII6.5/100-96/1500	96	1500	6.5	100	1"

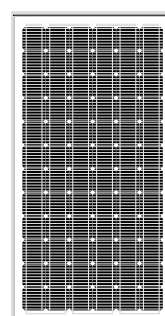
4LII Iron Series Plastic Impeller Solar Pump

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 and medium flow, fit for home use and Irrigation
- ◎ Lower price and good quality
- ◎ Warranty: 1 year



Model Analysis

4LII2.5/20-24/250

4:4 inch pump body dimension

LII: LARENS In-Built impeller solar pump

2.5: Max flow

20: Max head

24: Pump voltage

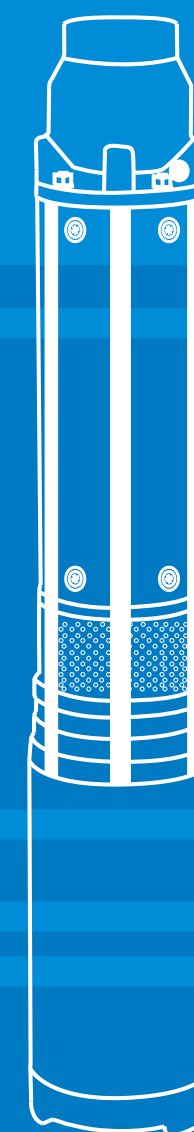
250: Pump power

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
4LII2.5/20-24/250	24	250	2.5	20	1.25"
4LII3.5/50-48/400	48	400	3.5	50	1.25"
4LII3.5/65-72/600	72	600	3.5	65	1.25"
4LII3.5/85-96/750	96	750	3.5	85	1.25"
4LII3.5/110-72/1100	72	1100	3.5	110	1.25"
4LII5.5/25-48/400	48	400	5.5	25	2"
4LII6.0/35-72/600	72	600	6.0	35	2"
4LII6.5/50-96/750	96	750	6.5	50	2"
4LII6.5/75-72/1100	72	1100	6.5	75	2"
4LII7.0/110-96/1500	96	1500	7.0	110	2"
4LII7.0/20-48/400	48	400	7.0	20	2"
4LII9.0/30-72/600	72	600	9.0	30	2"
4LII9.0/45-96/750	96	750	9.0	45	2"
4LII9.0/65-72/1100	72	1100	9.0	65	2"
4LII10.0/95-96/1500	96	1500	10.0	95	2"
4LII13.0/15-72/600	72	600	13.0	15	2"
4LII13.0/25-96/750	96	750	13.0	25	2"
4LII14.0/40-72/1100	72	1100	14.0	40	2"
4LII14.5/65-96/1500	96	1500	14.5	65	2"

Brush Solar Pump



1. DC brush motor, high working efficiency
2. Easy installation and easy operation
3. Connect with solar panel directly, no need controller
4. Easy after-sales service
5. Can be powered by solar panel and battery
6. Low cost
7. Reverse protection
8. Used for irrigation, livestock, home using and garden fountain



3LSPS/3LSPI Series DC Brush Screw/Plastic Impeller Solar Pump

Material Of Pump

- ☉ Outlet: Iron
- ☉ Pump head: Iron
- ☉ Pump body: Stainless steel/Iron
- ☉ Impeller: Screw/Plastic impeller
- ☉ Motor: DC brush motor
- ☉ Cable: 15M

Product Features

- ☉ Only use it for clean water
- ☉ High lift and small flow, fit for home use, drinking water

Model Analysis

3LSPS-12-20-1-150-1

LSPS: DC brush solar pump screw model

12: Pump voltage

20: Max head

1: Max flow

150: Pump power

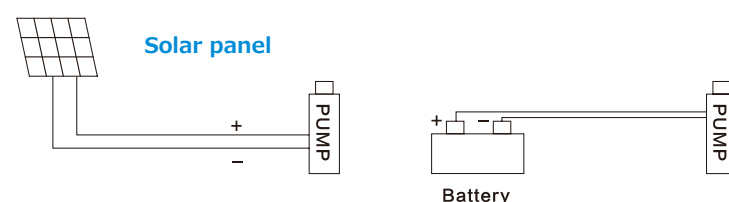
1: Outlet



3LSPS

3LSPI

Installation Diagram



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)	CABLE (M)
3LSPS-12-20-1-150-1	12	150	1	20	1"	2X1.5MM 15M
3LSPS-24-50-1.5-250-1	24	250	1.5	50	1"	2X1.5MM 15M
3LSPS-48-85-1.5-400-1	48	400	1.5	85	1"	2X1.5MM 15M
3LSPI-24-18-3-250-1	24	250	3	18	1"	2X1.5MM 15M
3LSPI-48-35-3-400-1	48	400	3	35	1"	2X1.5MM 15M

LSPS Series DC Brush Screw Solar 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
- ☉ High lift and small flow, fit for home use, drinking water

Model Analysis

LSPS-12-25-2-200-1

LSPS: DC brush solar pump screw model

12: Pump voltage

25: Max head

2: Max flow

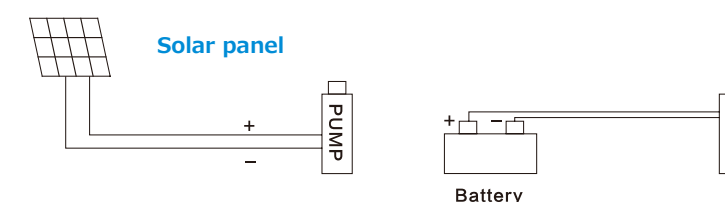
200: Pump power

1: Outlet



LSPS

Installation Diagram



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

LSPI Series DC Brush Plastic Impeller Solar Pump

Material Of Pump

- ☉ Outlet: Iron
- ☉ Pump head: Iron
- ☉ Pump body: Stainless steel
- ☉ Impeller: Plastic
- ☉ Motor: DC brush motor
- ☉ Cable: 20 M

Product Features

- ☉ Only use it for clean water
- ☉ High lift and medium flow, fit for home use, drinking water

Model Analysis

LSPI-12-20-2.5-200-1

LSPI: DC brush solar pump impeller model

12: Pump voltage

20: Max head

2.5: Max flow

200: Pump power

1: Outlet



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

ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)	CABLE (M)
LSPI-48-30-12-750-2	48	750	6.5	20	2"	20

LSWQB Series DC Brush Surface Solar 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

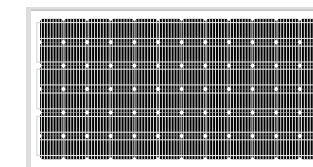
Model Analysis

LSWQB-12

LS: LARENS solar pump

WQB: WQB series model

12: Pump voltage



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX SUCT (M)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
LSWQB-12	12	180	5	1.5	15	0.75"x0.75"
LSWQB-24	24	280	5	1.5	25	0.75"x0.75"
LSWQB-48	48	350	5	1.5	35	0.75"x0.75"

LSSP/LSBP/LSNP Series DC Brush Submersible Solar Pump

Material Of Pump

- ◎ Outlet: Plastic/Iron
- ◎ 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

Model Analysis

LSSP-12

LS: LARENS solar pump

SP: SP series model

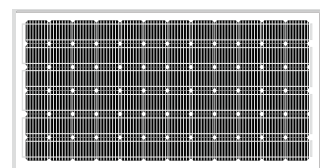
12: Pump voltage



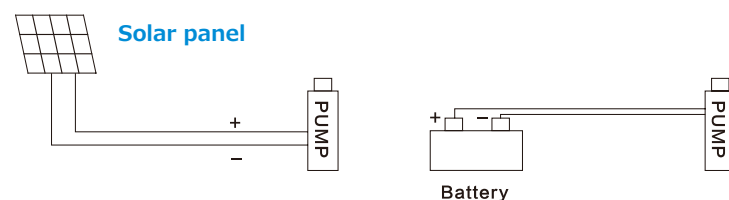
LSSP

LSBP

LSNP



Installation Diagram



ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
LSSP-12	12	180	3	10	1"
LSSP-24	24	200	6	6/8/12	1"/1.5"/2"
LSSP-48	48	280	7	6/8/12	1"/1.5"/2"
LSSP-60	60	300	7	6/8/12	1"/1.5"/2"
LSBP-12	12	180	3	10	1"
LSBP-24	24	200	4	12	1"
LSBP-48	48	260	5	14	1"
LSBP-60	60	280	5	14	1"
LSNP-12	12	160	3	9-10	1"
LSNP-24	24	190	4	12	1"
LSNP-48	48	255	5	14	1"
LSNP-60	60	270	5	14	1"

LSGP Series DC Brush Submersible Solar Pump

Material Of Pump

- ◎ Outlet: Iron
- ◎ Pump body: Iron
- ◎ Impeller: Aluminum
- ◎ Motor: DC brush motor
- ◎ Cable: 10M

Product Features

- ◎ Only use it for clean water
- ◎ Medium lift and medium flow, fit for home use and small farm

Model Analysis

LSGP96-18-14-750-2

LS: LARENS solar pump

GP: GP series model

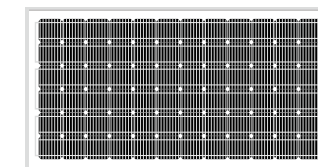
96: 96V pump voltage

750: 750W pump power

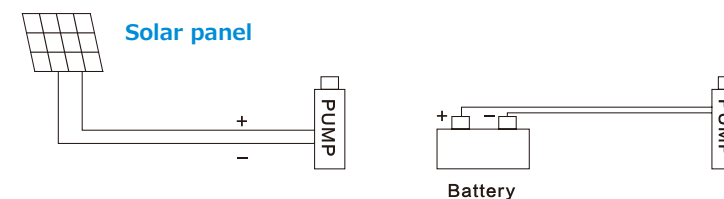
18: Max head: 18M

14: Max flow: 14 M³/H

2: Outlet(INCH)



Installation Diagram

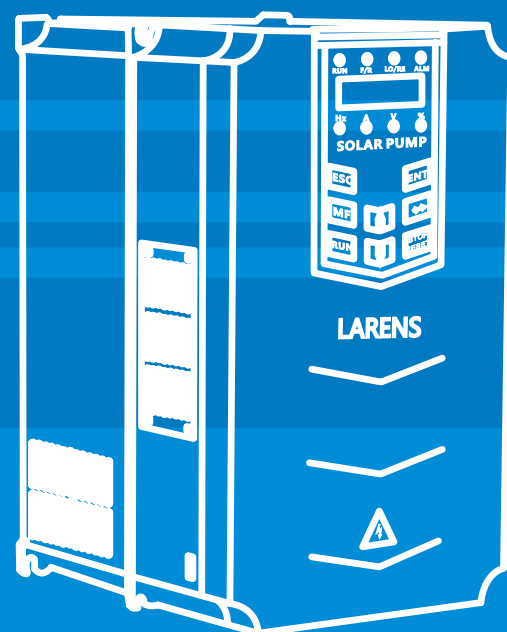


ITEM NO.	VOLTAGE (V)	POWER (W)	MAX FLOW (M ³ /H)	MAX HEAD (M)	OUTLET (INCH)
LSGP-96-18-14-750-2	96	750	14	18	2"
LSGP-110-22-15-1100-2	110	1100	15	22	2"

Solar Pump Inverter



1. Apply to all kinds of single phase or three phase AC induction motor
2. With Infineon IGBT, MPPT function, fast response speed
3. Good stability, high efficiency of 99.99%
4. Can be powered by both AC and DC, not use AC and DC at the same time
5. Remote control support by RS323 and RS485
6. Outdoor working environment temperature -10~+50 degree
7. Start in the morning and stop in the late afternoon full automatically
8. Full protections: overload, over current, over voltage, under voltage, short circuit, dry pumping etc
9. Reverse protection



SOLAR PUMP INVERTER

LAR100 Series Solar Pump Inverter

Model Description

Model numbers on name plate consist of numbers, symbols, and letters, to express its respective series, suitable power type, power level and other information.

Model Analysis

LAR100 - 4T - 4.0G

① ② ③ ④

① : Series Name

LAR: LARENS series inverter

100: Asynchronous motor driver

200: PMSM driver

② : Voltage degree

2: 220Vac

4: 380Vac

6: 660Vac

③ : Voltage type

S: Single phase AC input

T: Three phase AC input

④ : Rate Power

G: Constant torque load

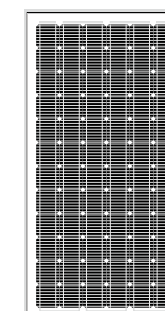
P: Variable torque load

...

4.0: 4.0KW

5.5: 5.5KW

...



Inverter Features

- ◎ Apply to all kinds of single phase or 3 phase AC induction motor.
- ◎ With Infineon IGBT. Maximum power point tracking (MPPT) algorithm for dynamic VI, fast response speed, Good stability, the efficiency of MPPT 99.99%;
- ◎ Both AC and DC input, but can not use dc and Ac at the same time.
- ◎ For single phase inverter, MPPT working voltage is 180V-450V; for three phase inverter, MPPT working voltage is 250V-800V.
- ◎ Remote control, support RS323/RS485 protocol.
- ◎ Outdoor working environment temperature: -10 ~ +50℃.
- ◎ Start in the morning and stop in the late afternoon full automatically.
- ◎ Full protections: overload, over current, over voltage, under voltage, short circuit, dry pumping etc.
- ◎ PV reversed connection protection.

LAR100 Series Solar Pump Inverter

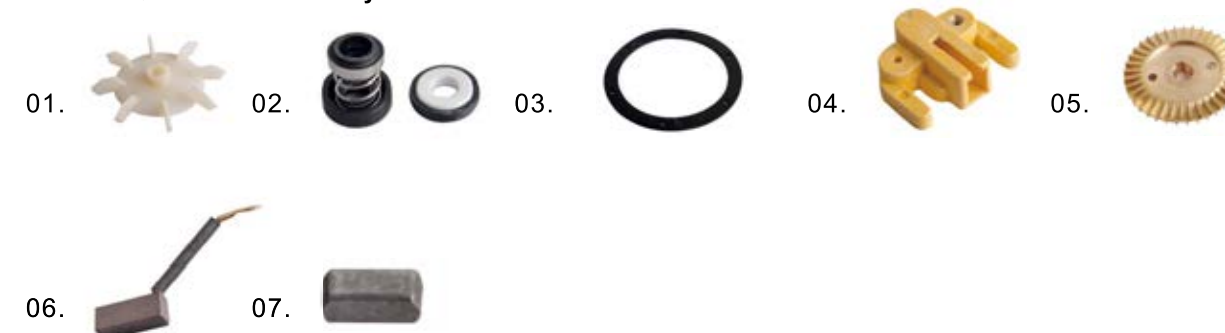
Model	Rated Power		DC Input VOC Voltage	Recommend VOC Voltage	Recommend MPPT Voltage	MAX. DC Input Current	Rated Output Current	Rated Output Voltage	Output Frequency
	KW	HP	(V)	(V)	(V)	(A)	(A)	(V)	(Hz)
LAR100-2S-0.7G	0.75	1	300 ~ 450	388 ~ 450	320 ~ 370	8.5	7	Single Phase 220	0-50/60
LAR100-2S-1.5G	1.5	2	300 ~ 450	388 ~ 450	320 ~ 370	14	9.6	Single Phase 220	0-50/60
LAR100-2S-1.5G	2.2	3	300 ~ 450	388 ~ 450	320 ~ 370	23	17	Single Phase 220	0-50/60
LAR100-2S-2.2G	4	5	300 ~ 450	388 ~ 450	320 ~ 370	35	25	Single Phase 220	0-50/60
LAR100-2T-0.7G	0.75	1	200 ~ 450	388 ~ 450	320 ~ 370	8.5	4	Three Phase 220	0-50/60
LAR100-2T-1.5G	1.5	2	200 ~ 450	388 ~ 450	320 ~ 370	14	7	Three Phase 220	0-50/60
LAR100-2T-2.2G	2.2	3	200 ~ 450	388 ~ 450	320 ~ 370	23	9.6	Three Phase 220	0-50/60
LAR100-2T-4.0G	4	5	200 ~ 450	388 ~ 450	320 ~ 370	35	17	Three Phase 220	0-50/60
LAR100-2T-5.5G	5.5	7.5	200 ~ 450	388 ~ 450	320 ~ 370	50	25	Three Phase 220	0-50/60
LAR100-4T-0.7G	0.75	1	300 ~ 780	670 ~ 780	540 ~ 630	8.5	2.5	Three Phase 380	0-50/60
LAR100-4T-1.5G	1.5	2	300 ~ 780	670 ~ 780	540 ~ 630	8.5	3.8	Three Phase 380	0-50/60
LAR100-4T-2.2G	2.2	3	300 ~ 780	670 ~ 780	540 ~ 630	14	5.1	Three Phase 380	0-50/60
LAR100-4T-4.0G	4	5	300 ~ 780	670 ~ 780	540 ~ 630	23	9	Three Phase 380	0-50/60
LAR100-4T-5.5G	5.5	7.5	300 ~ 780	670 ~ 780	540 ~ 630	23	13	Three Phase 380	0-50/60
LAR100-4T-7.5G	7.5	10	300 ~ 780	670 ~ 780	540 ~ 630	35	17	Three Phase 380	0-50/60
LAR100-4T-11G	11	15	300 ~ 780	670 ~ 780	540 ~ 630	35	25	Three Phase 380	0-50/60
LAR100-4T-15G	15	20	300 ~ 780	670 ~ 780	540 ~ 630	50	32	Three Phase 380	0-50/60
LAR100-4T-18.5G	18.5	25	300 ~ 780	670 ~ 780	540 ~ 630	50	37	Three Phase 380	0-50/60
LAR100-4T-22G	22	30	300 ~ 780	670 ~ 780	540 ~ 630	75	45	Three Phase 380	0-50/60
LAR100-4T-30G	30	40	300 ~ 780	670 ~ 780	540 ~ 630	75	60	Three Phase 380	0-50/60
LAR100-4T-37G	37	50	300 ~ 780	670 ~ 780	540 ~ 630	100	75	Three Phase 380	0-50/60
LAR100-4T-45G	45	6	300 ~ 780	670 ~ 780	540 ~ 630	100	91	Three Phase 380	0-50/60
LAR100-4T-55G	55	75	300 ~ 780	670 ~ 780	540 ~ 630	150	112	Three Phase 380	0-50/60
LAR100-4T-75G	75	100	300 ~ 780	670 ~ 780	540 ~ 630	225	150	Three Phase 380	0-50/60
LAR100-4T-90G	90	120	300 ~ 780	670 ~ 780	540 ~ 630	300	176	Three Phase 380	0-50/60
LAR100-4T-110G	110	150	300 ~ 780	670 ~ 780	540 ~ 630	375	210	Three Phase 380	0-50/60
LAR100-4T-132G	132	175	300 ~ 780	670 ~ 780	540 ~ 630	450	253	Three Phase 380	0-50/60

ACCESSORY

LSPI and LSPS series accessory



LSWQB series accessory



LSSP series accessory



LSBP and LSNP series accessory

