ZHEJIANG SPX ELECTRIC APPLIANCE CO.,LTD.

Add: North Baixiang Industrial Zone, Yueqing, Zhejiang, China 325603

Tel: +86-577-62982277

Fax: +86-577-62983788

Http: //www.cnspx.com

E-mail: sales@cnspx.com

SOLAR PUMP

KEEP ON INNOVATING KEEP ON SURPASSING
SPX PUMP

ZHEJIANG SPX ELECTRIC APPLIANCE CO.,LTD.

SPX ELECTRIC
APPLIANCE
www.cnspx.com

Zhejiang SPX Electric Appliance Co., Ltd. is a company integrating scientific research, development production and sales. Factories invested in Yueqing, Our products are sold worldwide.

The company has standard workshops and advanced production equipment as well as a well-trainedprofessional technical team. Our concept of self-transcendence and coexistence with the enterpriseand advanced quality awareness and perfect quality assurance system are applied throughout eachproduction process.

The company has passedChina Compulsory Certification (CCC), CE Certification and ISO9001 Standard Certification.

SPX Company has a closed and modern plant with more than 10,000 square meters, first-classlaboratories, processing centers, testing centers and first-rate facilities, which ensure the high qualityof our products.

Welcome customers at home and abroad to visit our company and work together formutual benefit and create a brilliant future.

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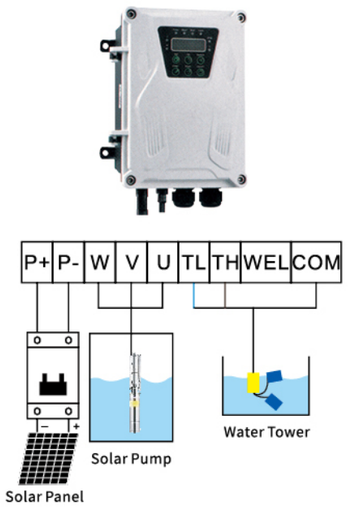
22 SOLAR-POWERED OXYGEN MACHIN

23 SOLAR POWERED OXYGENATION FOUNTAIN PUMP

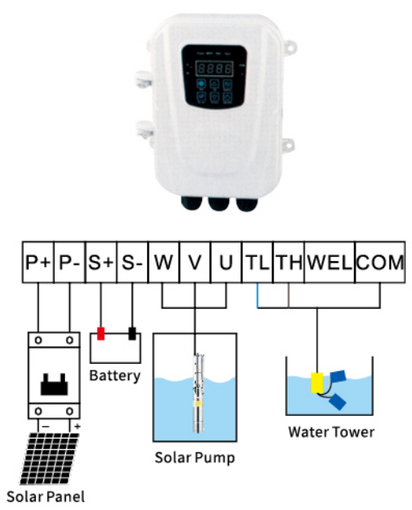
24 PORTABLE POWER BANK

CONNECTION WAYS

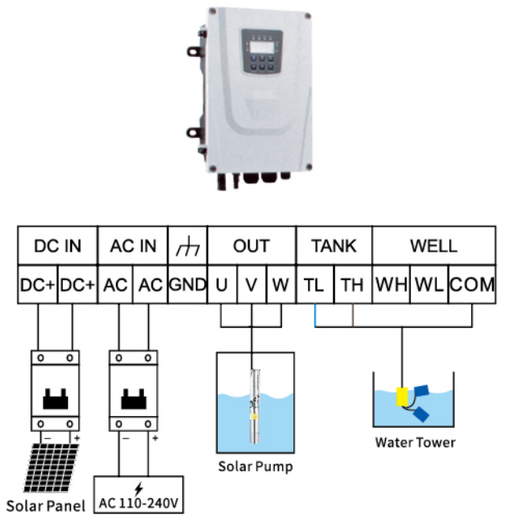
■ CONTROL BOX



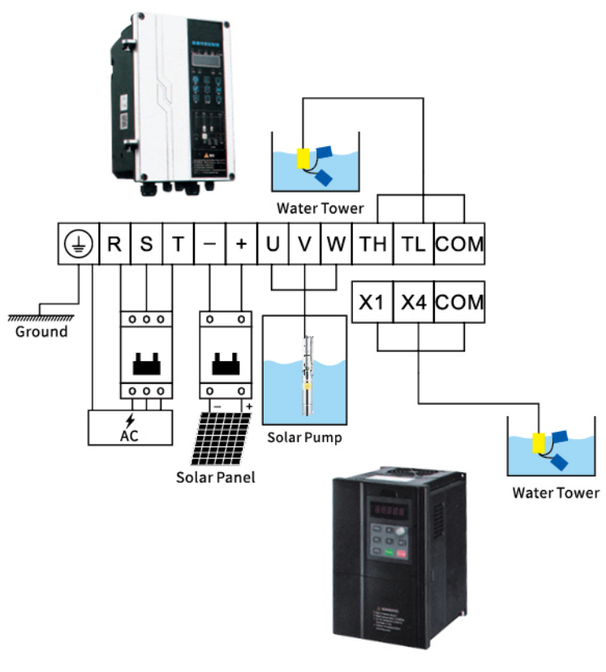
■ CHARGE CONTROLLER



■ AC/DC AUTOMATIC CONTROLLER



■ AC/DC CONTROLLER



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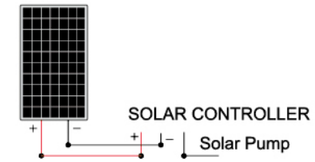
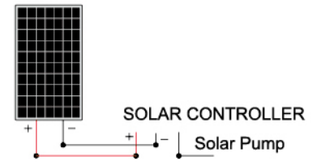
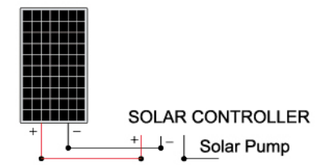
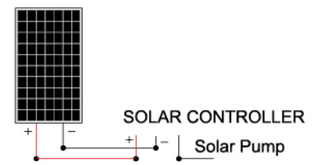
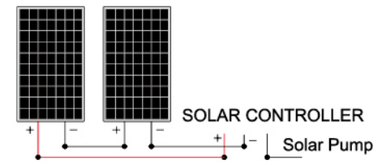
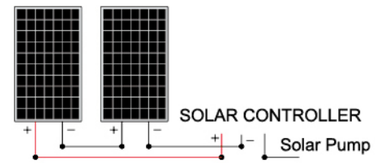
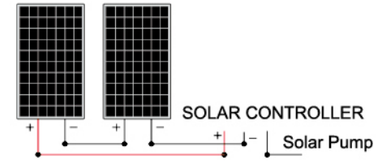
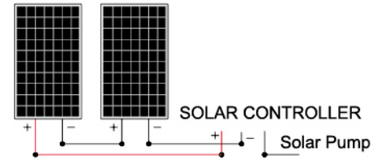
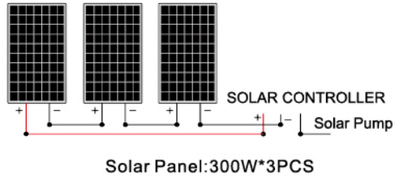
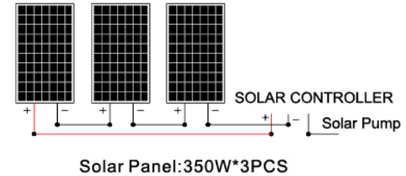
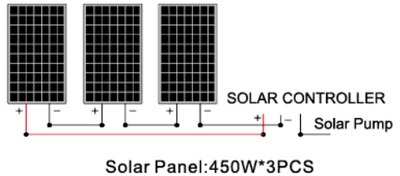
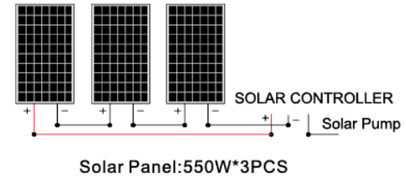
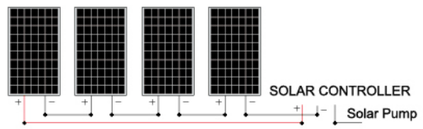
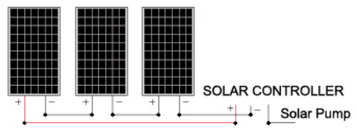
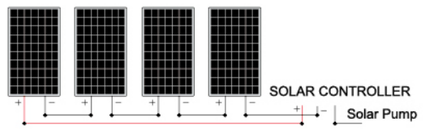
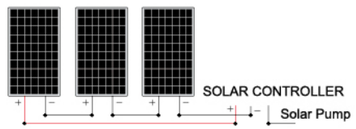
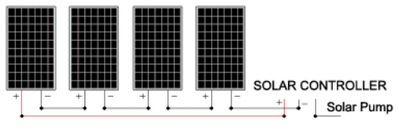
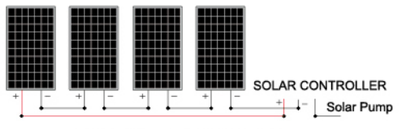
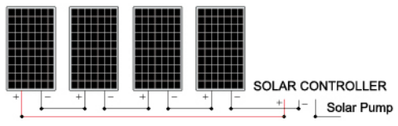
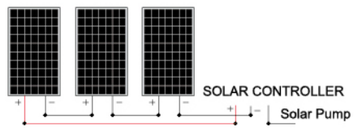
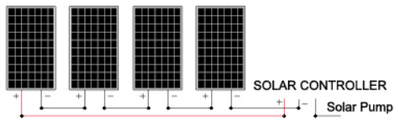
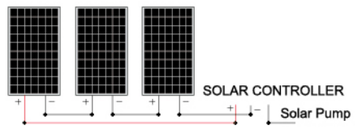
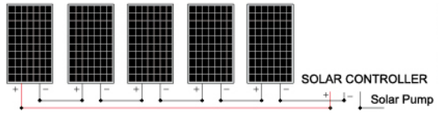
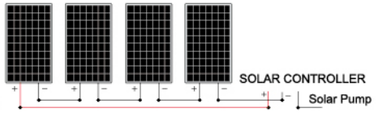
SOLAR PANEL SUGGESTION FOR DC SOLAR PUMP

PUMP POWER		
80W-24V 180W-24V 140W-24V 200W-24V Voc: 26-50V	 Solar Panel:275W*1PC	 Solar Panel:300W*1PC
PUMP POWER 210W-24V 270W-24V 300W-24V Voc: 26-50V	 Solar Panel:450W*1PC	 Solar Panel:550W*1PC
PUMP POWER 300W-48V 400W-48V Voc: 50-100V	 Solar Panel:275W*2PCS	 Solar Panel:300W*2PCS
PUMP POWER 500W-48V 550W-48V 600W-48V 750W-48V Voc: 50-100V	 Solar Panel:500W*2PCS	 Solar Panel:550W*2PCS
PUMP POWER 600W-72V 750W-72V Voc: 76-150V	 Solar Panel:300W*3PCS	 Solar Panel:350W*3PCS
PUMP POWER 900W-72V 1100W-72V Voc: 76-150V	 Solar Panel:450W*3PCS	 Solar Panel:550W*3PCS

SOLAR PANEL SUGGESTION FOR DC SOLAR PUMP

PUMP POWER 750W-96V Voc: 100-200V	 Solar Panel:275W*4PCS	 Solar Panel:350W*3PCS
PUMP POWER 900W-96V 1100W-96V Voc: 100-200V	 Solar Panel:450W*4PCS	 Solar Panel:550W*3PCS
PUMP POWER 1300W-96V 1500W-96V Voc: 100-200V	 Solar Panel:450W*4PCS	 Solar Panel:550W*4PCS
PUMP POWER AC/DC 750W Voc: 80-400V	 Solar Panel:275W*4PCS	 Solar Panel:450W*3PCS
PUMP POWER AC/DC 1100W Voc: 80-400V	 Solar Panel:450W*4PCS	 Solar Panel:550W*3PCS
PUMP POWER AC/DC 1300W AC/DC 1500W Voc: 80-400V	 Solar Panel:450W*5PCS	 Solar Panel:550W*4PCS

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3SPXS

3 INCH STAINLESS STEEL SOLAR SCREW PUMP

SPXS SPXS(C)

Charge

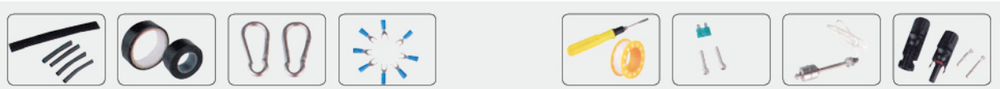
Screw

SS cylinder

SS pump body

SS cast pump body

FREE SPARE PARTS:



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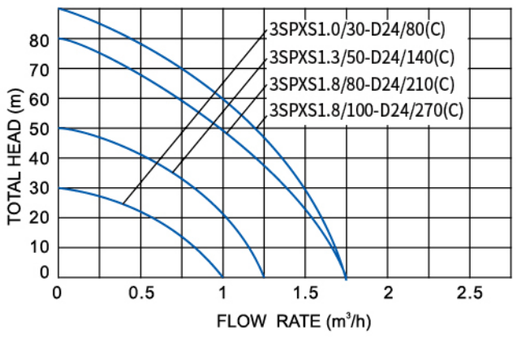
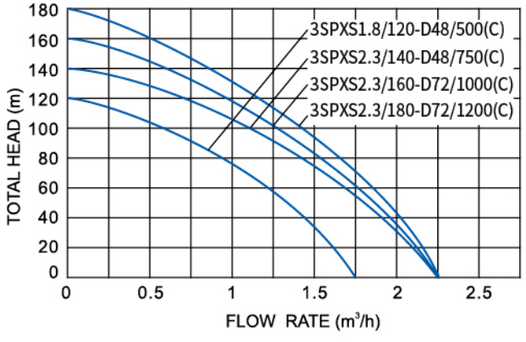




TECHNICAL DATA:

Model	Max Flow (m^3/h)	Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Pump height (mm)	Solar Panels	
			Voltage(V)	Power(W)				VOC Range(V)	Power(W)
3SPXS1.0/30-D24/80(C)	1	30	DC24	80	3	0.75	420	25-50	⩾150
3SPXS1.3/50-D24/140(C)	1.3	50	DC24	140	3	0.75	420	25-50	⩾200
3SPXS1.8/80-D24/210(C)	1.8	80	DC24	210	3	0.75	420	25-50	⩾300
3SPXS1.8/100-D24/270(C)	1.8	100	DC24	270	3	0.75	420	25-50	⩾500
3SPXS1.8/120-D48/500(C)	1.8	120	DC48	500	3	0.75	420	50-100	⩾800
3SPXS2.3/140-D48/750(C)	2.3	140	DC48	750	3	0.75	420	50-100	⩾1000
3SPXS2.3/160-D72/1000(C)	2.3	160	DC72	1000	3	0.75	420	75-150	⩾1500
3SPXS2.3/180-D72/1200(C)	2.3	180	DC72	1200	3	0.75	420	75-150	⩾1800

3SPXD

3 INCH SOLAR ENERGY STAINLESS STEEL SCREW PUMP

Charge

SS impeller

ss or brass cylinder

Plastic guide vane

ss or brass pump body

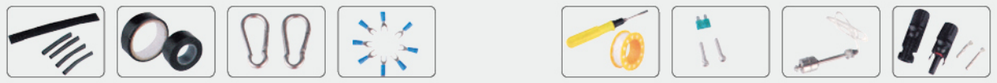
MATERIAL OF PARTS:

Pump head:	Copper/SS304	Cable:	3m
Impeller:	SS304	Motor:	Permanent magnetic synchronous
Bearing:	NSK brand		

ADVANTAGE OF SOLAR WATER PUMP:

- High efficiency because of PMSM
- Longer life than normal ac water pump
- MPPT function
- Over-load protechion Under-load protection
- Intelligent water shortage protection
- Lock-rotor protection Thermal proteciton

FREE SPARE PARTS:



PRODUCT PACKAGING:

Boutique packaging

Ordinary packing

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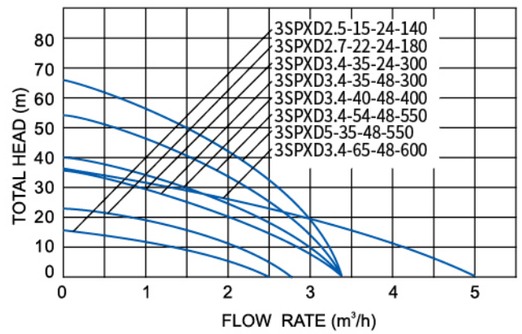
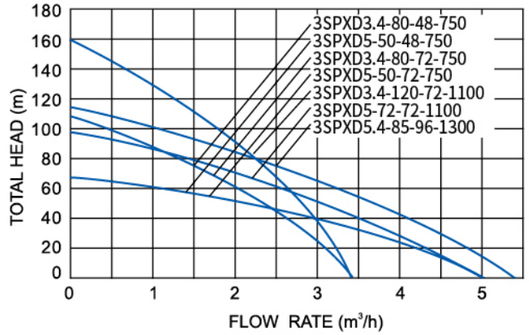
PERFORMANCE CURVES:





TECHNICAL DATA:

Model	Max Flow (m³/h)	Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Solar Panels	
			Voltage(V)	Power(W)			VOC Range(V)	Power(W)
3SPXD2.5-15-24-140	0.5/2.5	9/15	DC24	140	3	1/1.25	25-50	⩾200
3SPXD2.7-22-24-180	0.8/2.7	15/22	DC24	180	3	1/1.25	25-50	⩾250
3SPXD3.4-35-24-300	2/3.4	16/35	DC24	300	3	1/1.25	25-50	⩾500
3SPXD3.4-35-48-300	2/3.4	16/35	DC48	300	3	1/1.25	50-100	⩾500
3SPXD3.4-40-48-400	1/3.4	30/40	DC48	400	3	1/1.25	50-100	⩾600
3SPXD3.4-54-48-550	1/3.4	40/54	DC48	550	3	1/1.25	50-100	⩾800
3SPXD5-35-48-550	2/5	22/35	DC48	550	3	1/1.25	50-100	⩾800
3SPXD3.4-65-48-600	1/3.4	48/65	DC48	600	3	1/1.25	50-100	⩾800
3SPXD3.4-80-48-750	1/3.4	60/80	DC48	750	3	1/1.25	50-100	⩾1000
3SPXD5-50-48-750	3/5	33/50	DC48	750	3	1/1.25	50-100	⩾1000
3SPXD3.4-80-72-750	1/3.4	60/80	DC72	750	3	1/1.25	75-150	⩾1080
3SPXD5-50-72-750	3/5	33/50	DC72	750	3	1/1.25	75-150	⩾1080
3SPXD3.4-120-72-1100	1/3.4	80/120	DC72	1100	3	1/1.25	75-150	⩾1500
3SPXD5-72-72-1100	3/5	50/72	DC72	1100	3	1/1.25	75-150	⩾1500
3SPXD5.4-85-96-1300	3/5.4	63/85	DC96	1300	3	1/1.25	100-200	⩾1720

4/6SPXD

4/6 INCH SOLAR ENERGY STAINLESS STEEL IMPELLER PUMP

Charge

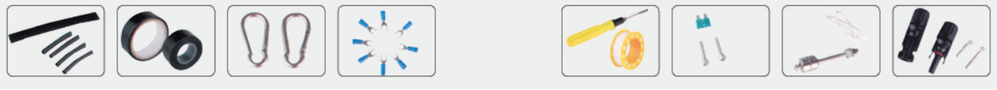
SS impeller

SS cylinder

SS guide vane

BLDC motor

FREE SPARE PARTS:



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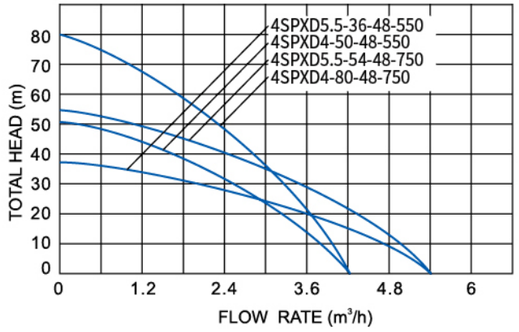
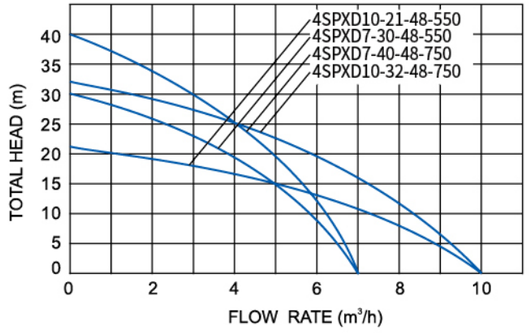
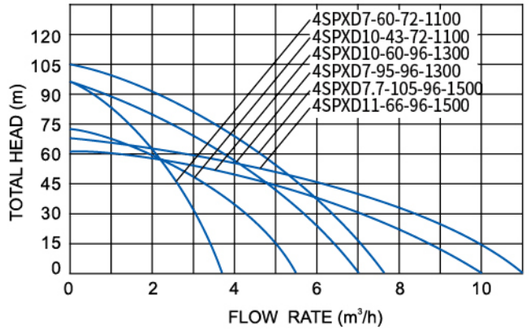
PERFORMANCE CURVES:







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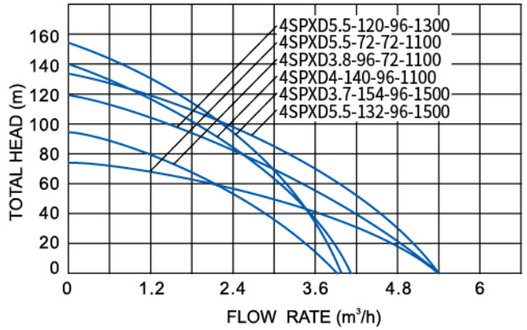

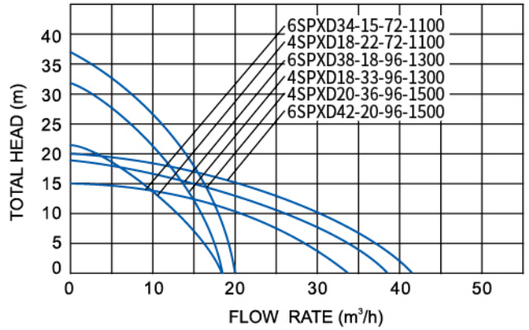

TECHNICAL DATA:

Model	Max Flow (m³/h)	Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Solar Panels	
			Voltage(V)	Power(W)			VOC Range(V)	Power(W)
4SPXD4-50-48-550	4	50	DC48	550	4	1.25	50-100	800
4SPXD5.5-36-48-550	5.5	36	DC48	550	4	1.25	50-100	800
4SPXD7-30-48-550	7	30	DC48	550	4	1.25	50-100	800
4SPXD10-21-48-550	10	21	DC48	550	4	1.5	50-100	800
4SPXD4-80-48-750	4	80	DC48	750	4	1.25	50-100	1000
4SPXD5.5-54-48-750	5.5	54	DC48	750	4	1.25	50-100	1000
4SPXD7-40-48-750	7	40	DC48	750	4	1.25	50-100	1000
4SPXD10-32-48-750	10	32	DC48	750	4	1.5	50-100	1000
4SPXD3.8-96-72-1100	3.8	96	DC72	1100	4	1.25	75-150	1500
4SPXD5.5-72-72-1100	5.5	72	DC72	1100	4	1.25	75-150	1500
4SPXD7-60-72-1100	7	60	DC72	1100	4	1.25	75-150	1500
4SPXD10-43-72-1100	10	43	DC72	1100	4	1.5	75-150	1500
4SPXD18-22-72-1100	18	22	DC72	1100	4	2	75-150	1500
6SPXD34-15-72-1100	34	15	DC72	1100	6	3	75-150	1500
4SPXD4-140-96-1300	4	140	DC96	1300	4	1.25	100-200	1720
4SPXD5.5-120-96-1300	5.5	120	DC96	1300	4	1.25	100-200	1720
4SPXD7-95-96-1300	7	95	DC96	1300	4	1.25	100-200	1720
4SPXD10-60-96-1300	10	60	DC96	1300	4	1.5	100-200	1720
4SPXD18-33-96-1300	18	33	DC96	1300	4	2	100-200	1720
6SPXD38-18-96-1300	38	18	DC96	1300	6	3	100-200	1720
4SPXD3.7-154-96-1500	3.7	154	DC96	1500	4	1.25	100-200	2250
4SPXD5.5-132-96-1500	5.5	132	DC96	1500	4	1.25	100-200	2250
4SPXD7.7-105-96-1500	7.7	105	DC96	1500	4	1.25	100-200	2250
4SPXD11-66-96-1500	11	66	DC96	1500	4	1.5	100-200	2250
4SPXD20-36-96-1500	20	36	DC96	1500	4	2	100-200	2250
6SPXD42-20-96-1500	42	20	DC96	1500	6	3	100-200	2250

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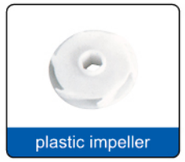
3/4SPXP

3/4 INCH SOLAR ENERGY PLASTIC IMPELLER PUMP

Charge



FREE SPARE PARTS:

TECHNICAL DATA:

Model	Max Flow (m^3/h)	Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Solar Panels	
			Voltage(V)	Power(W)			VOC Range(V)	Power(W)
3SPXP3-25-24-200	3	25	24	200	3	1	25-50	⩾300
3SPXP3-35-24-300	3	35	24	300	3	1	25-50	⩾500
3SPXP3.5-40-48-400	3.5	40	48	400	3	1	50-100	⩾600
3SPXP3.8-60-48-500	3.8	60	48	500	3	1	50-100	⩾700
3SPXP3.8-80-48-600	3.8	80	48	600	3	1	50-100	⩾800
3SPXP3.8-80-72-600	3.8	80	72	600	3	1	75-150	⩾800
3SPXP3.8-95-48-750	3.8	95	48	750	3	1	50-100	⩾1000
3SPXP3.8-95-72-750	3.8	95	72	750	3	1	75-150	⩾1000
3SPXP3.8-120-72-1100	3.8	120	72	1100	3	1	75-150	⩾1500
3SPXP3.8-120-110-1100	3.8	120	110	1100	3	1	100-200	⩾1500
3SPXP4.0-155-96-1300	4.0	155	96	1300	3	1	100-200	⩾1700
3SPXP6-35-48-550	6	35	48	550	3	1.5	50-100	⩾700
3SPXP6-50-72-750	6	50	72	750	3	1.5	75-150	⩾1000
3SPXP6-75-96-1100	6	75	96	1100	3	1.5	100-200	⩾1500
3SPXP6-85-96-1300	6	85	96	1300	3	1.5	100-200	⩾1700

TECHNICAL DATA:

Model	Max Flow (m^3/h)	Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Solar Panels	
			Voltage(V)	Power(W)			VOC Range(V)	Power(W)
4SPXP4.5-35-48-400	4.5	35	48	400	50-100	⩾600	4	1.5
4SPXP4.5-50-72-600	4.5	50	72	600	75-150	⩾800	4	1.5
4SPXP4.5-70-96-750	4.5	70	96	750	100-200	⩾1000	4	1.5
4SPXP4.5-80-110-900	4.5	80	110	900	100-200	⩾1200	4	1.5
4SPXP4.5-95-72-1100	4.5	95	72	1100	75-150	⩾1500	4	1.5
4SPXP4.5-130-96-1500	4.5	130	96	1500	100-200	⩾2000	4	1.5
4SPXP6-42-48-600	6	42	48	600	50-100	⩾800	4	1.5
4SPXP6-42-72-600	6	42	72	600	75-150	⩾800	4	1.5
4SPXP6-56-48-750	6	56	48	750	50-100	⩾1000	4	1.5
4SPXP6-56-72-750	6	56	72	750	75-150	⩾1000	4	1.5
4SPXP6-84-72-1100	6	84	72	1100	75-150	⩾1500	4	1.5
4SPXP6-84-110-1100	6	84	110	1100	100-200	⩾1500	4	1.5
4SPXP6-112-110-1300	6	112	110	1300	100-200	⩾1700	4	1.5
4SPXP6-135-110-1500	6	135	110	1500	100-200	⩾2000	4	1.5
4SPXP9-45-110-750	9	45	110	750	100-200	⩾1000	4	2
4SPXP9-58-110-1300	9	58	110	1300	100-200	⩾1700	4	2
4SPXP9-71-110-1500	9	71	110	1500	100-200	⩾2000	4	2
4SPXP11.5-30-72-750	11.5	30	72	750	75-150	⩾1000	4	2
4SPXP11.5-49-110-1100	11.5	49	110	1100	100-200	⩾1500	4	2
4SPXP11.5-55-110-1300	11.5	55	110	1300	100-200	⩾1700	4	2
4SPXP13-30-110-750	13	30	110	750	100-200	⩾1000	4	2
4SPXP13-40-110-900	13	40	110	900	100-200	⩾1200	4	2
4SPXP13-60-110-1500	13	60	110	1500	100-200	⩾2000	4	2
4SPXP16-45-110-750	16	45	110	750	100-200	⩾1000	4	2
4SPXP16-55-72-1100	16	55	72	1100	75-150	⩾1500	4	2
4SPXP16-65-110-1500	16	65	110	1500	100-200	⩾2000	4	2
4SPXP20-40-110-1500	20	40	110	1500	100-200	⩾2000	4	2

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4SPXP

4-INCH AC-DC SWITCHING SOLAR WATER PUMP

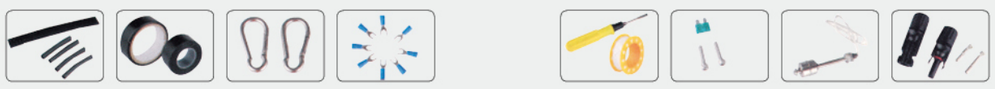
MATERIAL OF PARTS:

Pump head:	Copper/SS304	Cable:	3m
Impeller:	Plastics	Motor:	Permanent magnetic synchronous
Bearing:	NSK brand		

ADVANTAGE OF SOLAR WATER PUMP:

- High efficiency because of PMSM
- MPPT function
- Intelligent water shortage protection
- Longer life than normal ac water pump
- Over-load protechion Under-load protection
- Lock-rotor protection Thermal proteciton

FREE SPARE PARTS:



PUMP SIZE CHART:

Plastics impeller | Plastic guide vane | ss or brass cylinder | ss or brass pump body | ss or brass pump connection

TECHNICAL DATA:

Model	AC Voltage (V)	Best Input DC Voltage (V)	Max Flow (m^3/h)	Max Head (m)	Power (W)	Cable (m)	Solar Panels		Pump Dia (inch)	Outlett Dia (inch)
							VOC Range(V)	Power(W)		
4SPXP4.5-70-110A/D-750	110-240	80-400	4.5	70	750	2	<420	⩾1.3*pump power	4	1.5
4SPXP6-56-110A/D-750	110-240	80-400	6	56	750	2	<420	⩾1.3*pump power	4	1.5
4SPXP9-45-110A/D-750	110-240	80-400	9	45	750	2	<420	⩾1.3*pump power	4	2
4SPXP11.5-30-110A/D-750	110-240	80-400	11.5	30	750	2	<420	⩾1.3*pump power	4	2
4SPXP13-30-110A/D-750	110-240	80-400	13	30	750	2	<420	⩾1.3*pump power	4	2
4SPXP16-45-110A/D-750	110-240	80-400	16	45	750	2	<420	⩾1.3*pump power	4	2
4SPXP4.5-80-110A/D-900	110-240	80-400	4.5	80	900	2	<420	⩾1.3*pump power	4	1.5
4SPXP13-40-110A/D-900	110-240	80-400	13	40	900	2	<420	⩾1.3*pump power	4	2
4SPXP4.5-95-150A/D-1100	110-240	80-400	4.5	95	1100	2	<420	⩾1.3*pump power	4	1.5
4SPXP6-84-150A/D-1100	110-240	80-400	6	84	1100	2	<420	⩾1.3*pump power	4	1.5
4SPXP11.5-49-150A/D-1100	110-240	80-400	11.5	49	1100	2	<420	⩾1.3*pump power	4	2
4SPXP16-55-150A/D-1100	110-240	80-400	16	55	1100	2	<420	⩾1.3*pump power	4	2
4SPXP6-112-150A/D-1300	110-240	80-400	6	112	1300	2	<420	⩾1.3*pump power	4	1.5
4SPXP9-58-150A/D-1300	110-240	80-400	9	58	1300	2	<420	⩾1.3*pump power	4	2
4SPXP11.5-55-150A/D-1300	110-240	80-400	11.5	55	1300	2	<420	⩾1.3*pump power	4	2
4SPXP4.5-130-150A/D-1500	110-240	80-400	4.5	130	1500	2	<420	⩾1.3*pump power	4	1.5
4SPXP6-135-150A/D-1500	110-240	80-400	6	135	1500	2	<420	⩾1.3*pump power	4	1.5
4SPXP9-71-150A/D-1500	110-240	80-400	9	71	1500	2	<420	⩾1.3*pump power	4	2
4SPXP13-60-150A/D-1500	110-240	80-400	13	60	1500	2	<420	⩾1.3*pump power	4	2
4SPXP16-65-150A/D-1500	110-240	80-400	16	65	1500	2	<420	⩾1.3*pump power	4	2
4SPXP20-40-150A/D-1500	110-240	80-400	20	40	1500	2	<420	⩾1.3*pump power	4	2
4SPXD5.2-255-300A/D-2200	180-240	80-400	5.2	255	2200	2	<420	⩾1.3*pump power	4	1.25
4SPXD7.5-150-300A/D-2200	180-240	80-400	7.5	150	2200	2	<420	⩾1.3*pump power	4	1.25
4SPXD11-120-300A/D-2200	180-240	80-400	11	120	2200	2	<420	⩾1.3*pump power	4	1.5
4SPXD19-60-300A/D-2200	180-240	80-400	19	60	2200	2	<420	⩾1.3*pump power	4	2
4SPXD30-36-300A/D-2200	180-240	80-400	30	36	2200	2	<420	⩾1.3*pump power	4	2
4SPXD36-38-300A/D-2200	180-240	80-400	36	38	2200	2	<420	⩾1.3*pump power	4	3

3/4SPXA

3/4 INCH AC-DC SUBMERSIBLE SOLAR PUMPS

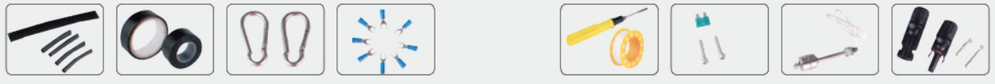
MATERIAL OF PARTS:

Pump head:	Copper/SS304	Cable:	3m
Impeller:	SS304	Motor:	Permanent magnetic synchronous
Bearing:	NSK brand		

ADVANTAGE OF SOLAR WATER PUMP:

- High efficiency because of PMSM
- MPPT function
- Intelligent water shortage protection
- Longer life than normal ac water pump
- Over-load protechion Under-load protection
- Lock-rotor protection Thermal proteciton

FREE SPARE PARTS:



PUMP SIZE CHART:

ss impeller | ss guide vane | ss or brass cylinder | ss or brass pump body | ss or brass pump connection

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TECHNICAL DATA:

Model	Rated/ Max Flow (m^3/h)	Rated/ Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Solar Panels	
			Voltage(V)	Power(W)			VOC Range(V)	Power(W)
3SPXA2-50-0.75	2/4	50/85	AC220/DC150	0.75	3	1	100-400	1.0
4SPXA2-55-0.75	2/3.8	55/90	AC220/DC150	0.75	4	1.25	100-400	1.0
4SPXA3-40-0.75	3/5.5	40/70	AC220/DC150	0.75	4	1.25	100-400	1.0
4SPXA4-30-0.75	4/7	30/50	AC220/DC150	0.75	4	1.25	100-400	1.0
4SPXA7-23-0.75	7/10	23/34	AC220/DC150	0.75	4	1.5	100-400	1.0
3SPXA2-70-1.1	2/4	70/120	AC220/DC150	1.1	3	1	100-400	1.6
4SPXA2-80-1.1	2/3.8	80/125	AC220/DC150	1.1	4	1.25	100-400	1.6
4SPXA3-65-1.1	3/5.5	65/110	AC220/DC150	1.1	4	1.25	100-400	1.6
4SPXA4-55-1.1	4/7	55/95	AC220/DC150	1.1	4	1.25	100-400	1.6
4SPXA7-32-1.1	7/10	32/45	AC220/DC150	1.1	4	1.5	100-400	1.6
4SPXA10-20-1.1	10/18	20/33	AC220/DC150	1.1	4	2	100-400	1.6
3SPXA2-110-1.5	2/4	110/150	AC220/DC300	1.5	3	1	100-400	2.1
4SPXA2-115-1.5	2/3.8	115/160	AC220/DC300	1.5	4	1.25	100-400	2.1
4SPXA3-90-1.5	3/5.5	90/145	AC220/DC300	1.5	4	1.25	100-400	2.1
4SPXA4-70-1.5	4/7	70/100	AC220/DC300	1.5	4	1.25	100-400	2.1
4SPXA7-40-1.5	7/10	40/60	AC220/DC300	1.5	4	1.5	100-400	2.1
4SPXA10-28-1.5	10/18	28/40	AC220/DC300	1.5	4	2	100-400	2.1
4SPXA2-180-2.2	2/3.8	180/220	AC220/DC300	2.2	4	1.25	150-420	3.1
4SPXA3-150-2.2	3/5.5	150/200	AC220/DC300	2.2	4	1.25	150-420	3.1
4SPXA4-100-2.2	4/7	100/140	AC220/DC300	2.2	4	1.25	150-420	3.1
4SPXA7-60-2.2	7/10	60/80	AC220/DC300	2.2	4	1.5	150-420	3.1
4SPXA10-40-2.2	10/18	40/60	AC220/DC300	2.2	4	2	150-420	3.1
4SPXA3-180-3	3/5.5	180/240	AC380/DC540	3	4	1.25	660-800	4.2
4SPXA4-140-3	4/7	140/160	AC380/DC540	3	4	1.25	660-800	4.2
4SPXA7-80-3	7/10	80/120	AC380/DC540	3	4	1.5	660-800	4.2
4SPXA10-55-3	10/18	55/80	AC380/DC540	3	4	2	660-800	4.2
4SPXA4-180-4	4/7	180/220	AC380/DC540	4	4	1.25	660-800	5.6
4SPXA7-115-4	7/10	115/150	AC380/DC540	4	4	1.5	660-800	5.6
4SPXA10-75-4	10/18	75/105	AC380/DC540	4	4	2	660-800	5.6
4SPXA7-150-5.5	7/10	150/220	AC380/DC540	5.5	4	1.5	660-800	8.25
4SPXA10-100-5.5	10/18	100/130	AC380/DC540	5.5	4	2	660-800	8.25
4SPXA7-200-7.5	7/10	200/250	AC380/DC540	7.5	4	1.5	660-800	10.5
4SPXA10-145-7.5	10/18	145/180	AC380/DC540	7.5	4	2	660-800	10.5
4SPXA20-80-7.5	20/30	80/110	AC380/DC540	7.5	4	2	660-800	10.5

6/8/10SPXA

6/8/10 INCH AC&DC SUBMERSIBLE SOLAR WATER PUMP

FREE SPARE PARTS:

TECHNICAL DATA:

Model	Rated/ Max Flow (m^3/h)	Rated/ Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Solar Panels	
			Voltage(V)	Power(W)			VOC Range(V)	Power(W)
6SPXA25-10-1.1	25/38	10/18	AC220/DC300	1.1	6	3	330-450	1.6
6SPXA25-14-1.5	25/38	14/20	AC220/DC300	1.5	6	3	330-450	2.1
6SPXA25-20-2.2	25/35	20/30	AC380/DC540	2.2	6	3	660-800	3.1
6SPXA45-10-2.2	45/65	10/18	AC380/DC540	2.2	6	3	660-800	3.1
6SPXA25-30-3	25/40	30/45	AC380/DC540	3	6	3	660-800	4.2
6SPXA60-14-3	60/85	14/22	AC380/DC540	3	6	3	660-800	4.2
6SPXA25-40-4	25/35	40/60	AC380/DC540	4	6	3	660-800	5.6
6SPXA40-18-4	40/62	18/32	AC380/DC540	4	6	3	660-800	5.6
6SPXA60-15-4	80/95	15/22	AC380/DC540	4	6	3	660-800	5.6
6SPXA25-50-5.5	25/35	50/75	AC380/DC540	5.5	6	3	660-800	8.25
6SPXA45-30-5.5	45/60	30/45	AC380/DC540	5.5	6	3	660-800	8.25
6SPXA60-25-5.5	60/80	25/38	AC380/DC540	5.5	6	3	660-800	8.25
6SPXA25-75-7.5	25	75	AC380/DC540	7.5	6	3	660-800	10.5
6SPXA45-44-7.5	45	44	AC380/DC540	7.5	6	3	660-800	10.5
6SPXA60-34-7.5	60	34	AC380/DC540	7.5	6	3	660-800	10.5

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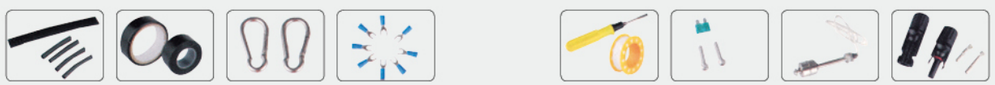
TECHNICAL DATA:

Model	Rated/ Max Flow (m^3/h)	Rated/ Max Head (m)	Pump		Pump Dia (inch)	Outlett Dia (inch)	Solar Panels	
			Voltage(V)	Power(W)			VOC Range(V)	Power(W)
6SPXA18-90-7.5	18/35	90/120	AC380/DC540	7.5	6"	3"	660-800	10.5
6SPXA30-60-7.5	30/50	60/78	AC380/DC540	7.5	6"	3"	660-800	10.5
6SPXA45-44-7.5	45/75	44/65	AC380/DC540	7.5	6"	3"	660-800	10.5
6SPXA60-32-7.5	60/80	32/55	AC380/DC540	7.5	6"	3"	660-800	10.5
6SPXA18-115-9	18/35	115/155	AC380/DC540	9	6"	3"	660-800	12.6
6SPXA30-80-9	30/50	80/100	AC380/DC540	9	6"	3"	660-800	12.6
6SPXA45-52-9	45/75	52/80	AC380/DC540	9	6"	3"	660-800	12.6
6SPXA60-40-9	60/80	40/68	AC380/DC540	9	6"	3"	660-800	12.6
6SPXA18-140-11	18/35	140/190	AC380/DC540	11	6"	3"	660-800	15.75
6SPXA30-100-11	30/50	100/135	AC380/DC540	11	6"	3"	660-800	15.75
6SPXA45-62-11	45/75	62/95	AC380/DC540	11	6"	3"	660-800	15.75
6SPXA60-48-11	60/80	48/80	AC380/DC540	11	6"	3"	660-800	15.75
6SPXA18-190-15	18/35	190/245	AC380/DC540	15	6"	3"	660-800	21
6SPXA30-120-15	30/50	120/160	AC380/DC540	15	6"	3"	660-800	21
6SPXA45-88-15	45/75	88/130	AC380/DC540	15	6"	3"	660-800	21
6SPXA60-64-15	60/80	64/110	AC380/DC540	15	6"	3"	660-800	21
6SPXA18-240-18.5	18/35	240/310	AC380/DC540	18.5	6"	3"	660-800	26
6SPXA30-135-18.5	30/50	135/180	AC380/DC540	18.5	6"	3"	660-800	26
6SPXA45-105-18.5	45/75	105/155	AC380/DC540	18.5	6"	3"	660-800	26
6SPXA60-72-18.5	60/80	72/125	AC380/DC540	18.5	6"	3"	660-800	26
6SPXA30-170-22	30/50	170/210	AC380/DC540	22	6"	3"	660-800	31.55
6SPXA45-132-22	45/75	132/195	AC380/DC540	22	6"	3"	660-800	31.55
6SPXA60-95-22	60/80	95/160	AC380/DC540	22	6"	3"	660-800	31.55
6SPXA30-240-30	35/50	240/300	AC380/DC540	30	6"	3"	660-800	42
6SPXA45-170-30	45/75	170/245	AC380/DC540	30	6"	3"	660-800	42
6SPXA60-128-30	60/80	128/220	AC380/DC540	30	6"	3"	660-800	42
8SPXA80-26-7.5	80/120	26/40	AC380/DC540	7.5	8"	5"	660-800	10.5
8SPXA95-23-9	95/140	23/41	AC380/DC540	9	8"	5"	660-800	12.6
8SPXA80-39-11	80/120	39/60	AC380/DC540	11	8"	5"	660-800	15.75
8SPXA80-52-15	80/120	52/80	AC380/DC540	15	8"	5"	660-800	21
8SPXA80-65-18.5	80/120	65/100	AC380/DC540	18.5	8"	5"	660-800	26
8SPXA80-78-22	80/120	78/120	AC380/DC540	22	8"	5"	660-800	31.55
8SPXA95-58-22	95/140	58/100	AC380/DC540	22	8"	5"	660-800	31.55
8SPXA80-100-30	80/120	100/150	AC380/DC540	30	8"	5"	660-800	42
8SPXA95-84-30	95/140	84/160	AC380/DC540	30	8"	5"	660-800	42
10SPXA125-20-11	125/200	20/30	AC380/DC540	11	10"	6"	660-800	15.75
10SPXA125-40-22	125/200	40/60	AC380/DC540	22	10"	6"	660-800	31.55
10SPXA125-60-30	125/200	60/85	AC380/DC540	30	10"	6"	660-800	42

SCPM SOLAR PUMP

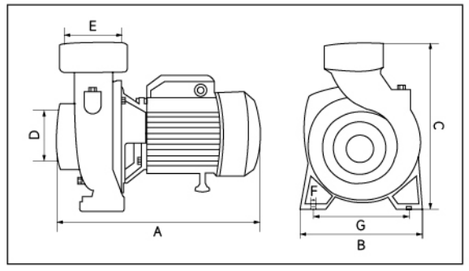
FREE SPARE PARTS:



MATERIAL OF PARTS:

Bearing	NSK	Motor:	Brushless DC motor
Screw:	Stainless Steel	Controller shell:	Die-cast Aluminum (Ip67)

PUMP SIZE CHART:



Model	A	B	C	D	E	F	G
SCPM6.6/35-D48/750P	305	210	225	1	1	10	120
SCPM4.8/22-D48/370	265	165	215	1	1	11	127
SCPM6.6/35-D48/750	305	190	235	1	1	9	160
SCPM16/18-D48/750	310	185	235	1.5	1.5	9	155
SCPM27/15-D72/1100	315	185	235	2	2	9	155
SCPM55-17-D110-1500	395	245	310	3	3	13	190

TECHNICAL DATA:

Model	Pump		Solar Panels		Max Flow (m^3/h)	Max Head (m)	Inlet/Outlet Dia (inch)
	Voltage(V)	Power(W)	VOC Range(V)	Power(W)			
SCPM6.6/35-D48/750P	48	750	50-100	⩾1000	6.6	35	1.25×1
SCPM4.8/22-D48/370	48	370	50-100	⩾500	4.8	22	1×1
SCPM6.6/35-D48/750	48	750	50-100	⩾1000	6.6	35	1×1
SCPM16/18-D48/750	48	750	50-100	⩾1000	16	18	1.5×1.5
SCPM27/15-D72/1100	72	1100	76-150	⩾1500	27	15	2×2
SCPM55-17-D110/1500	110	1500	100-200	⩾2000	55	17	3×3
SCPM70-16-220/300-2200	280	2200	360-450	⩾2900	70	16	4×4

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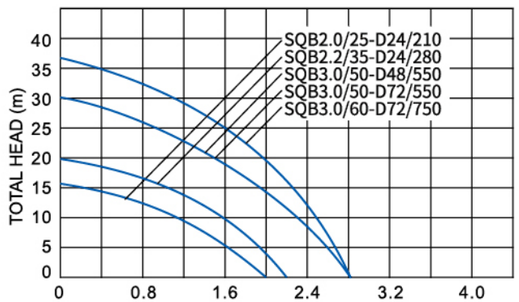
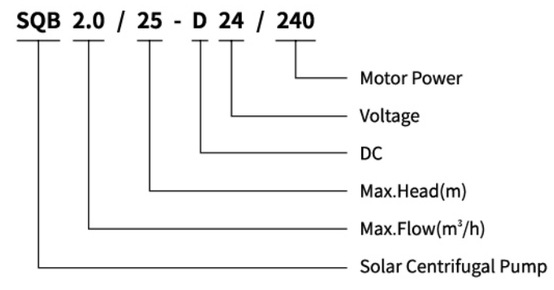
SQB SOLAR PUMP

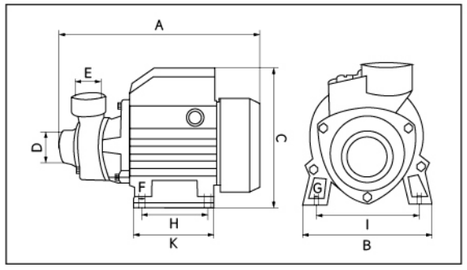
PERFORMANCE CURVES:



Model Description:



PUMP SIZE CHART:

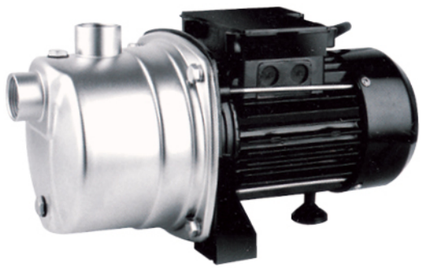


Model	A	B	C	D	E	F	G	H	I	K
SQB-210-280W	250	115	160	1	1	7	12	85	95	100
SQB-550/750W	298	135	180	1	1	8	11	90	110	114

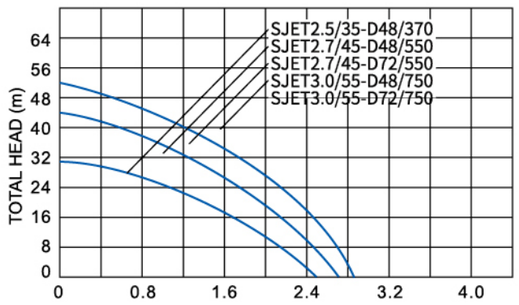
TECHNICAL DATA:

Model	Pump		Solar Panels		Max Flow (m^3/h)	Max Head (m)	Outlet Dia (inch)
	Voltage(V)	Power(W)	VOC Range(V)	Power(W)			
SQB2.0/25-D24/210	24	210	25-50	⩾280	2	25	1×1
SQB2.2/35-D24/280	24	280	25-50	⩾380	2.2	35	1×1
SQB3.0/50-D48/550	48	550	50-100	⩾800	3	50	1×1
SQB3.0/50-D72/550	72	550	75-150	⩾800	3	50	1×1
SQB3.0/60-D72/750	72	750	75-150	⩾1000	3	60	1×1

SJET SOLAR PUMP



PERFORMANCE CURVES:

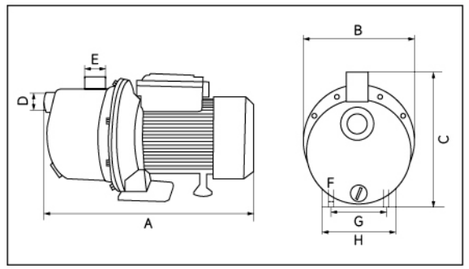


Model Description:

SJET 2.7 / 45 - D 48 / 550

- Motor Power
- Voltage
- DC
- Max.Head(m)
- Max.Flow(m^3/h)
- Solar JET Pump

PUMP SIZE CHART:



Model	A	B	C	D	E	F	G	H
SJET-370W	333	165	185	1	1	9	119	163
SJET-550/750W	360	195	210	1	1	10	95	125

TECHNICAL DATA:

Model	Pump		Solar Panels		Max Flow (m^3/h)	Max Head (m)	Outlet Dia (inch)
	Voltage(V)	Power(W)	VOC Range(V)	Power(W)			
SJET2.5/35-D48/370	48	370	50-100	⩾500	2.5	35	1×1
SJET2.7/45-D48/550	48	550	50-100	⩾800	2.7	45	1×1
SJET2.7/45-D72/550	72	550	75-150	⩾800	2.7	45	1×1
SJET3.0/55-D48/750	48	750	50-100	⩾1000	3	55	1×1
SJET3.0/55-D72/750	72	750	75-150	⩾1000	3	55	1×1

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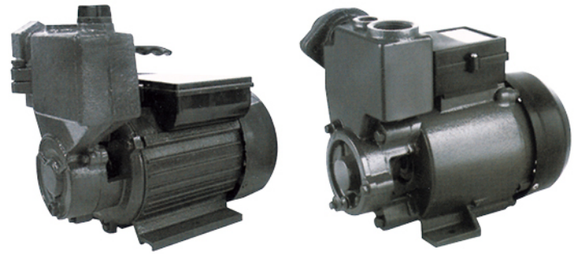
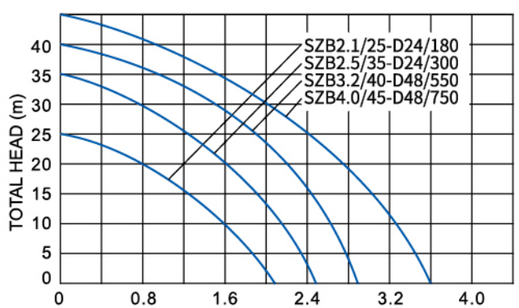
SZB SOLAR PUMP



PERFORMANCE CURVES:

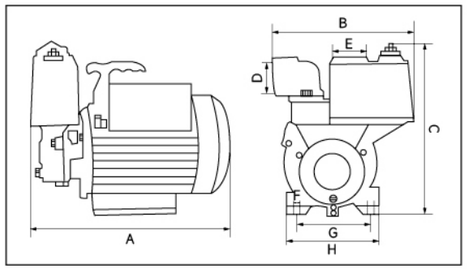


Model Description:

SZB 2.7 / 45 - D 48 / 550

- Motor Power
- Voltage
- DC
- Max.Head(m)
- Max.Flow(m^3/h)
- Solar SZB Pump

PUMP SIZE CHART:



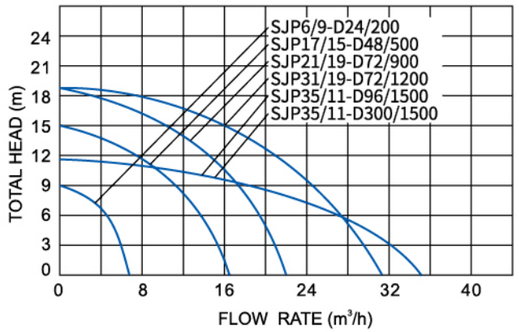
Model	A	B	C	D	E	F	G	H
SZB2.1/25-D24/180	220	220	205	1	1	7.5	9	115
SZB2.5/35-D24/300	220	220	205	1	1	7.5	93	115
SZB3.2/40-D48/550	285	285	250	1	1	10	110	135
SZB4.0/45-D48/750	285	285	250	1	1	10	110	135

TECHNICAL DATA:

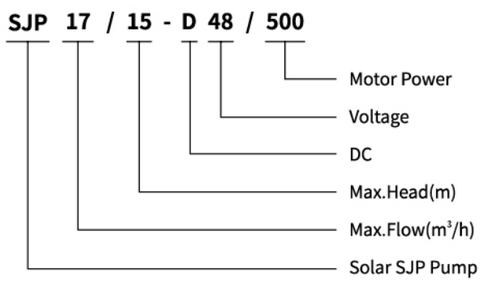
Model	Pump		Solar Panels		Max Flow (m^3/h)	Max Head (m)	Outlet Dia (inch)
	Voltage(V)	Power(W)	VOC Range(V)	Power(W)			
SZB2.1/25-D24/180	24	180	25-50	⩾250	2.1	25	1×1
SZB2.5/35-D24/300	24	300	25-50	⩾500	2.5	35	1×1
SZB3.2/40-D48/550	48	550	50-100	⩾800	3.2	40	1×1
SZB4.0/45-D48/750	48	750	50-100	⩾1000	4	45	1×1

SJP SOLAR PUMP

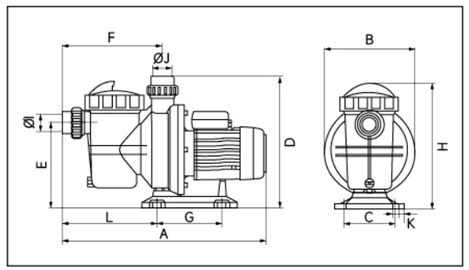
PERFORMANCE CURVES:



Model Description:



PUMP SIZE CHART:



Model	A	B	C	D	E	F	G	H	I	J	K	L
SJP/200W	400	160	100	250	231	158	90	210	203	40	32/40	4-9
SJP/500W	550	238	160	345	225	262	170	330	245	50	50	4-10
SJP/900W	550	238	160	345	225	262	170	330	245	50	50	4-10
SJP/1200W	655	270	230	450	295	335	200	440	270	63	63	4-10
SJP-1500W	655	270	203	450	295	335	200	440	270	63	63	4-10

TECHNICAL DATA:

Model	Pump		Solar Panels		Max Flow (m^3/h)	Max Head (m)	Outlet Dia (inch)
	Voltage(V)	Power(W)	VOC Range(V)	Power(W)			
SJP6/9-D24/200	24	200	25-50	⩾280	6	9	1.5×1.5
SJP17/15-D48/500	48	500	50-100	⩾800	17	15	2×2
SJP21/19-D72/900	72	900	75-150	⩾1200	21	19	2×2
SJP31/19-D72/1200	72	1200	75-150	⩾1560	31	19	2.5×2.5
SJP35/11-D96/1500	96	1500	100-200	⩾2000	35	11	2.5×2.5
SJP35/11-D300/1500	AC220/DC300	1500	330-450	⩾2000	35	11	2.5×2.5

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SOLAR-POWERED OXYGEN MACHIN

DC Controller

AC/DC Controller

WORKING PRINCIPLE:

·High-speed-working impellers splash the water into the air-these splashing water mix the oxygen in the air and be brought into the water and dissolved oxygen in the water increase.The working impellers produce waves and currents — make the saturated ammonia,CO2,methane,sulfuretd hydrogen,etc.go out of the water—the water quality improved.

·Powerful features making wave with the bottom surface accelerated the exchange of oxygen-rich water to fully utilize photosynthesis of algae to consume organic residues,can save feed,but also purify water,to avoid NH3 and nitrite and other harmful substances.Pond surface waves more easily dissolved oxygen rate,adjust NH3 and lower temperature,more conducive to water modulation.

TECHNICAL DATA:

Model	Voltage (V)	Power (W)	VOC Range (V)	Solar Power (W)	Flow (m^3/h)	Head (m)	Outlet (inch)	Covering area (m^2)
SFB15/4.5-48/370(S)	DC48	370	50-100	⩾600	15	4.5	3	3
SFB25/5-48/750(S)	DC48	750	50-100	⩾1000	25	5	3	3
SFB30/7-72/1100(S)	DC72	1100	75-1500	⩾1500	30	7	3	3
SFB40/6-96/1500(S)	DC96	1500	100-200	⩾2000	40	6	3	3
SFB55/5-300/2200(S)	AC220/DC300	2200	330-450	⩾2500	55	5	4	4

SOLAR POWERED OXYGENATION FOUNTAIN PUMP

DC Controller

AC/DC Controller

SOLAR

AC220V-380V

PUMP INTRODUCTION:

Solar powered oxygen fountain pump, also known as solar powered fountain aerator, is a water treatment equipment that uses photovoltaic solar energy as a power source. It achieves reaeration and water quality improvement by lifting water to the surface and bringing it into contact with air.

APPLICATION AREA:

Lakes, reservoirs, waterways, water sources, sewage and oxidation ponds, flood storage ponds, sewage storage ponds, park cities and garden artificial lakes, fishing and leisure lakes, aquaculture ponds, etc.

TECHNICAL DATA:

Model	Voltage (V)	Power (W)	VOC Range (V)	Solar Power (W)	Oxygenation rate (kg/h)	Covering area (m^2)
SPXF-48/750	DC48	750	50-100	⩾1000	⩾1.1	600-1800
SPXF-72/1100	DC72	1100	75-150	⩾1500	⩾1.5	900-2700
SPXF-96/1500	DC96	1500	100-200	⩾1950	⩾2.3	1200-3600
SPXF-96/1500 A-D	AC220/DC96	1500	100-400	⩾1950	⩾2.3	1200-3600
SPXF-750/220(380)	AC220(380)	750	AC220(380)	/	⩾1.1	600-1800
SPXF-1100/220(380)	AC220(380)	1100	AC220(380)	/	⩾1.5	900-2700
SPXF-1500/220(380)	AC220(380)	1500	AC220(380)	/	⩾2.3	1200-3600

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PORTABLE POWER BANK

S-PICO 1

PRODUCT DESCRIPTION:

This is pure DC output lighting home system, with Bluetooth/MPC music.
USB 5V socket, DC, 3.7V output with lamps.

TECHNICAL DATA:

Model No.	S-PICO 1
Solar Panel	6V 10W poly solar panel (3W~20W optional)
Battery	3.7V 17.6AH lithium battery (4AH~17.6AH optional)
Radio	Yes, with bluetooth and MP3 and FM radio
Function	2*LED bulbs with cable, moble charging and torch

S-PICO 2

TECHNICAL DATA:

Model No.	S-PICO 2
Solar Panel	9V 10W monocrystal solar panel
Size	220*315*17mm
Lithium battery	6.4V 4000mAH
Lamp	6V2W Light bulb*3; 5M Light line
Charging cable	5-in-1
Function	FM radio + Bluetooth function + speaker + side light 6V output *3; 5V USB output *1