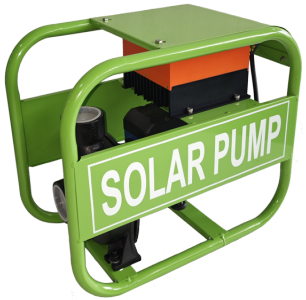
太阳能水泵

SOLAR POWER PUMP







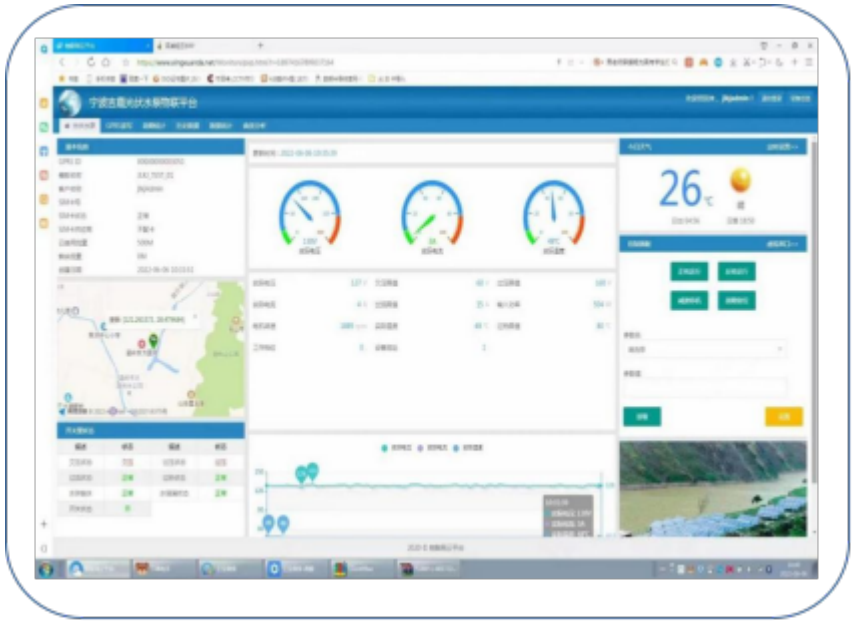


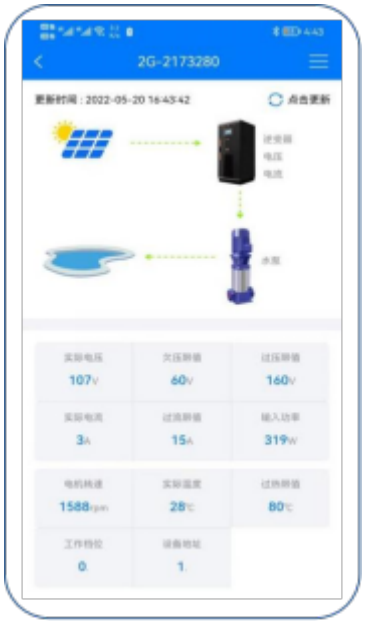


直流无刷&永磁同步控制器

BLDC & PMSM CONTROLLER

Max Power Point Tracking	最大功率点跟踪
Timed Operation Function	定时运行功能
Running Power Display	运行功率显示
Running Speed Display	运行速度显示
System Voltage Display	系统电压显示
System Temperature Display	系统温度显示
Universal Voltage Input	宽电压输入
Controller Box IP65	控制器IP65设计
AC/DC Voltage Input	交直流电压输入















3SSH/4SSH SERIES

三寸/四寸太阳能直流无刷螺杆潜水泵

3inch/4inch Solar Screw BLDCSubmersible Pumps

型号说明 Model Instruction

3SSH1.3/50-D24/140

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 螺杆泵 Helical Rotor
- 不锈钢螺杆 Stainless Steel Helical Rotor
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter







零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 螺杆 Helical Rotor: 不锈钢和橡胶 Stainless Steel and Rubber
- 螺丝 Screw: 304 不锈钢 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

3inch Solar BLDC Screw Submersible Pumps/三寸太阳能螺杆泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	CABLE	OUTLET	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
3SSH1.3/50-D24/140	140	0.2	24Vdc	18-55Vdc	50m	1.3m³/h	2m	0.75”	< 55V	>1.3*Pump Power
3SSH1.3/50-D24/140S	140	0.2	24Vdc	18-55Vdc	50m	1.3m³/h	2m	0.75”	< 55V	>1.3*Pump Power
3SSH1.6/80-D36/400	400	0.6	36Vdc	18-60Vdc	80m	1.6m³/h	2m	0.75”	<60V	>1.3*Pump Power
3SSH1.6/80-D36/400S	400	0.6	36Vdc	18-60Vdc	80m	1.6m³/h	2m	0.75”	<60V	>1.3*Pump Power
3SSH1.8/120-D60/600	600	0.8	60Vdc	32-100Vdc	120m	1.8m³/h	2m	0.75”	<100V	>1.3*Pump Power
3SSH1.8/120-D60/600S	600	0.8	60Vdc	32-100Vdc	120m	1.8m³/h	2m	0.75”	<100V	>1.3*Pump Power
3SSH2.2/140-D72/900	900	1.2	72Vdc	60-220Vdc	140m	2.2m³/h	2m	0.75”	<220V	>1.3*Pump Power
3SSH2.2/140-D72/900S	900	1.2	72Vdc	60-220Vdc	140m	2.2m³/h	2m	0.75”	<220V	>1.3*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140
3SSH1.3/50-D24/140	FLOW (m³/h)	1.3	0.8	0.7	0.5	0.4	0.2	0								
3SSH1.3/50-D24/140S		1.3	0.8	0.7	0.5	0.4	0.2	0								
3SSH1.6/80-D36/400		1.6	1.4	1.2	1	0.8	0.6	0.4	0.2	0						
3SSH1.6/80-D36/400S		1.6	1.4	1.2	1	0.8	0.6	0.4	0.2	0						
3SSH1.8/120-D60/600		1.8	1.6	1.5	1.4	1.2	1.1	1	0.8	0.7	0.5	0.4	0.1	0		
3SSH1.8/120-D60/600S		1.8	1.6	1.5	1.4	1.2	1.1	1	0.8	0.7	0.5	0.4	0.1	0		
3SSH2.2/140-D72/900		2.2	2	1.8	1.6	1.4	1.3	1.2	1.1	1	0.8	0.7	0.6	0.5	0.3	0.2
3SSH2.2/140-D72/900S		2.2	2	1.8	1.6	1.4	1.3	1.2	1.1	1	0.8	0.7	0.6	0.5	0.3	0.2

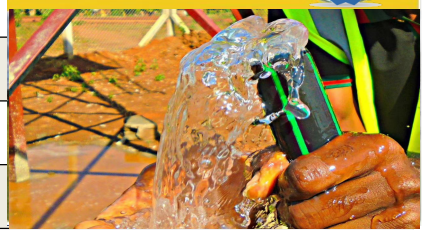


ISO IEC CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 1 YEAR WARRANTY



4inch Solar BLDC Screw Submersible Pumps /四寸太阳能螺杆泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	CABLE	OUTLET	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SSH3.0/80-D72/650	650	0.8	72Vdc	60-220Vdc	80m	3m^3/h	2m	1''	< 220V	>1.3*Pump Power
4SSH3.6/100-D90/1000	1000	1.3	90Vdc	60-220Vdc	100m	3.6m^3/h	2m	1''	< 220V	>1.3*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	10	20	30	40	50	60	70	80	90	100	110	120	130	140
4SSH3.0/80-D72/650	FLOW (m^3/h)	3	2.7	2.4	2.1	1.8	1.2	0.9	0						
4SSH3.6/100-D90/1000		3.3	3	2.7	2.4	2.1	1.8	1.5	1.2	0.6	0				

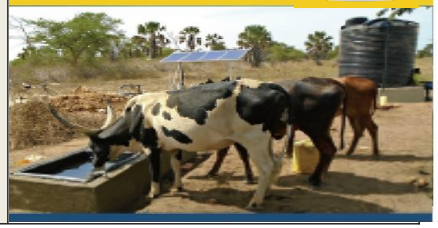


ISO IEC CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 1 YEAR WARRANTY



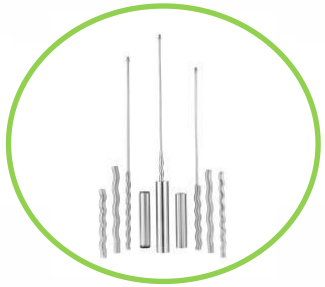
4SHR SERIES

四寸 HR 太阳能永磁直流无刷螺杆潜水泵
4inch HR BLDC Solar Screw Submersible

型号说明 Model Instruction

4SHR0.65/200-D72/400

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 螺杆泵 Helical Rotor
- 不锈钢螺杆 Stainless Steel Helical Rotor
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter







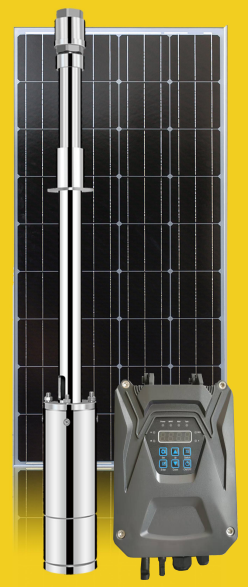
零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 螺杆 Helical Rotor: 不锈钢 Stainless Steel
- 螺丝 Screw: 不锈钢 Stainless Steel
- 电机 Motor: 永磁直流无刷电机 & 永磁同步直流电机
  Brushless DC Motor & Permanent Magnet Synchronous DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

4inch HR Solar Screw Submersible Pumps /四寸 HR 太阳能螺杆泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SHR0.6/200-D48/400	400	0.5	48VDC	32-100Vdc	200m	0.65m³/h	1.25”	2m	< 100V	> 1.3*Pump Power
4SHR0.65/300-D72/750	750	1.0	72VDC	60-220Vdc	300m	0.65m³/h	1.25”	2m	< 220V	> 1.3*Pump Power
4SHR1.4/200-D72/750	750	1.0	72VDC	60-220Vdc	200m	1.38m³/h	1.25”	2m	< 220V	> 1.3*Pump Power
4SHR1.4/300-D110/1500	1500	2.0	110VDC	60-220Vdc	300m	1.38m³/h	1.25”	2m	< 220V	> 1.3*Pump Power
4SHR1.4/300-AD192/1500 (ACDC)	1500	2.0	192VDC 220VAC	120-400VDC 110-240VAC	300m	1.38m³/h	1.25”	2m	< 400V	> 1.3*Pump Power
4SHR3/100-D72/750	750	1.0	72VDC	60-220Vdc	100m	3m³/h	1.25”	2m	< 220V	> 1.3*Pump Power
4SHR3/200-D110/1500	1500	2.0	110VDC	60-220Vdc	100m	3m³/h	1.25”	2m	< 220V	> 1.3*Pump Power
4SHR3/200-AD192/1500 (ACDC)	1500	2.0	192VDC 220VAC	120-400VDC 110-240VAC	100m	3m³/h	1.25”	2m	< 400V	> 1.3*Pump Power
4SHR5.5/200-D220/2200	2200	3.0	220VDC	120-400Vdc	100m	5.2m³/h	1.5”	2m	< 400V	> 1.3*Pump Power
4SHR5.5/200-AD220/2200 (ACDC)	2200	3.0	300VDC 220VAC	120-400VDC 110-240VAC	100m	5.2m³/h	1.5”	2m	< 400V	> 1.3*Pump Power

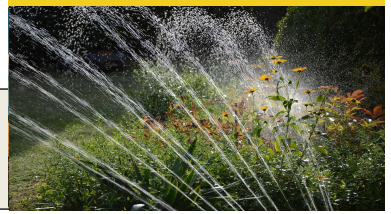


ISO CE RoHS SGS

KEY FEATURES

EC DRIVE PMSM, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;





PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	20	40	60	80	100	120	140	160	180	200	210	250	280	300
4SHR0.6/200-D48/400	FLOW (m^3/h)	0.65	0.64	0.63	0.64	0.63	0.62	0.63	053	0.45	0.21	0				
4SHR0.65/300-D72/750		0.63	0.62	0.63	0.62	0.63	0.62	0.63	0.62	0.63	0.62	0.62	0.62	0.3	0.23	0.12
4SHR1.4/200-D72/750		1.4	1.39	1.36	1.37	1.38	1.38	1.38	1.16	1.02	0.5	0.12				
4SHR1.4/300-D110/1500		1.4	1.39	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.37	1.37	1.36	1.1	0.6	0.2
4SHR1.4/300-AD192/1500 (ACDC)		1.4	1.39	1.38	1.38	1.38	1.38	1.37	1.37	1.37	1.37	1.37	1.36	1.1	0.6	0.2

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	120	140	160	200
4SHR3/100-D72/750	FLOW (m^3/h)	3.0	3.0	2.9	2.9	2.8	2.7	2.7	2.3	1.8	0.9	0.3				
4SHR3/200-D120/1500		3.0	2.95	2.95	2.85	2.85	2.85	2.75	2.75	2.63	2.57	2.45	2.4	1.9	1.0	0.2
4SHR3/200-AD192/1500 (ACDC)		3.0	2.95	2.95	2.85	2.85	2.85	2.75	2.75	2.63	2.57	2.45	2.4	1.9	1.0	0.2
4SHR5.5/200-D220/2200		5.8	5.7	5.6	5.6	5.7	5.6	5.5	5.5	5.5	5.4	5.4	5.4	4.3	2.2	0.4
4SHR5.5/200-AD220/2200 (ACDC)		5.8	5.7	5.6	5.6	5.7	5.6	5.5	5.5	5.5	5.4	5.4	5.4	4.3	2.2	0.4

3SPC SERIES

三寸太阳能直流塑料叶轮潜水泵

3inch Solar Plastic Impeller BLDC Submersible Pumps

型号说明 Model Instruction

3SPC3.6/26-D24/400

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 塑料叶轮 Plastic Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter







零件材质 Material of Parts

- 出水口 Outlet: 黄铜 Brass
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 塑料 Plastic
- 螺丝 Screw: 不锈钢 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor otor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

3inch Solar Plastic Impeller Submersible Pumps / 三寸太阳能塑料叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
3SPC3.6/26-D24/300	300	0.4	24VDC	18-55Vdc	26m	3.6m³/h	1''	2m	< 55V	>1.3*Pump Power
3SPC3/45-D48/400	400	0.5	48VDC	32-100Vdc	45m	3m³/h	1''	2m	< 100V	>1.3*Pump Power
3SPC3/55-D48/550	550	0.7	48VDC	32-100Vdc	55m	3m³/h	1''	2m	< 100V	>1.3*Pump Power
3SPC3/80-D48/600	600	0.8	48VDC	32-100Vdc	80m	3m³/h	1''	2m	< 100V	>1.3*Pump Power
3SPC3.8/95-D72/750	750	1	72VDC	60-220Vdc	95m	3.8m³/h	1''	2m	< 220V	>1.3*Pump Power
3SPC3.3/106-D90/1100	1100	1.5	90VDC	60-220Vdc	106m	3.3m³/h	1''	2m	< 220V	>1.3*Pump Power
3SPC3.3/106-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	106m	3.3m³/h	1''	2m	< 400V	>1.3*Pump Power
3SPC3.8/125-D110/1200	1200	1.6	110VDC	60-220Vdc	125m	3.8m³/h	1''	2m	< 220V	>1.3*Pump Power
3SPC3.8/125-AD192/1200 (ACDC)	1200	1.6	192VDC 220VAC	120-400VDC 110-240VAC	125m	3.8m³/h	1''	2m	< 400V	>1.3*Pump Power
3SPC3.8/155-D110/1300	1300	1.7	110VDC	60-220Vdc	155m	3.8m³/h	1''	2m	< 220V	>1.3*Pump Power
3SPC3.8/155-AD192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	155m	3.8m³/h	1''	2m	< 400V	>1.3*Pump Power
3SPC3.8/180-D110/1500	1500	2	110VDC	60-220Vdc	180m	3.8m³/h	1''	2m	< 220V	>1.3*Pump Power
3SPC3.8/180-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	180m	3.8m³/h	1''	2m	< 400V	>1.3*Pump Power
3SPC3.8/230-D220/2200	2200	3	220VDC	120-400Vdc	230m	3.8m³/h	1''	2m	< 220V	>1.3*Pump Power
3SPC3.8/230-AD300/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	230m	3.8m³/h	1''	2m	< 400V	>1.3*Pump Power



ISO IEC CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%~99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 18 MONTHS WARRANTY



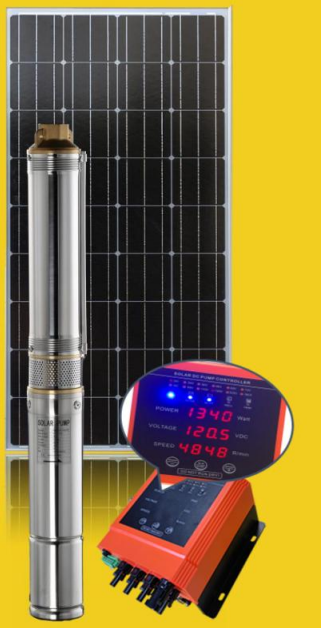
PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	25	30	40	45	50	60	70	80	95	110	140	170	200	230
3SPC3.6/26-D24/300	FLOW (m^3/h)	3.6	2.6	1.5	0.3	0												
3SPC3/45-D48/400		3.0	2.5	1.3	1.0	0.8	0.4	0.2	0									
3SPC3/55-D48/550		3.0	2.6	2.2	2.0	1.7	1.1	0.7	0.3	0								
3SPC3/80-D48/600		3.0	2.8	2.5	2.2	2.0	1.5	1.2	1.0	0.7	0.3	0						
3SPC3.8/95-D72/750		3.8	3.5	3.1	3.0	2.8	2.5	2.2	1.9	1.5	0.8	0.5	0					
3SPC3.3/106-D90/1100		3.9	3.8	3.5	3.4	3.3	3.1	3.0	2.9	2.6	2.3	1.5	1.2	0				
3SPC3.3/106-AD192/1100 (ACDC)		3.9	3.8	3.5	3.4	3.3	3.1	3.0	2.9	2.6	2.3	1.5	1.2	0				
3SPC3.8/125-D110/1200		3.8	3.5	3.3	3.2	3.1	2.9	2.8	2.7	2.5	2.2	1.6	1.3	1.1	0			
3SPC3.8/125-AD192/1200 (ACDC)		3.8	3.5	3.3	3.2	3.1	2.9	2.8	2.7	2.5	2.2	1.6	1.3	1.1	0			
3SPC3.8/155-D110/1300		3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.5	2.0	1.8	1.5	1.2	1.0	0.6	0		
3SPC3.8/155-AD192/1300 (ACDC)		3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.5	2.0	1.8	1.5	1.2	1.0	0.6	0		
3SPC3.8/180-D110/1500		3.8	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.4	2.1	1.9	1.7	1.0	0.5	0	
3SPC3.8/180-AD192/1500 (ACDC)		3.8	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.4	2.1	1.9	1.7	1.0	0.5	0	
3SPC3.8/230-D220/2200		3.8	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.3	2.0	1.6	1.3	0.8	0.5	0.3	0.2	0
3SPC3.8/230-AD300/2200 (ACDC)		3.8	3.7	3.5	3.4	3.2	3.0	2.9	2.7	2.3	2.0	1.6	1.3	0.8	0.5	0.3	0.2	0

3inch Solar Plastic Impeller Submersible Pumps /三寸太阳能塑料叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
3SPC5.2/45-D48/500	500	0.6	48VDC	32-100Vdc	45m	5.2m³/h	1.25''	2m	< 100V	>1.3*Pump Power
3SPC5.2/50-D72/600	600	0.8	48VDC	32-100Vdc	50m	5.2m³/h	1.25''	2m	< 100V	>1.3*Pump Power
3SPC5.5/75-D72/750	750	1	72VDC	60-220Vdc	75m	5.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SPC6.5/55-D72/750	750	1	72VDC	60-220Vdc	55m	6.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SPC6.5/85-D110/1100	1100	1.5	110VDC	60-220Vdc	85m	6.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SPC6.5/85-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	85m	6.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SPC6.5/125-D110/1500	1500	2	110VDC	60-220Vdc	125m	6.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SPC6.5/125-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	125m	6.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SPC6.5/160-D220/2200	2200	3	220VDC	120-400Vdc	160m	6.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SPC6.5/160-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	160m	6.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SPC7.0/46-D72/750	750	1	72VDC	60-220Vdc	46m	7.0m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SPC8.0/62-D110/1100	1100	1.5	110VDC	60-220Vdc	62m	8m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SPC8.0/62-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	62m	8m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SPC8.0/90-D110/1500	1500	2	110VDC	60-220Vdc	90m	8m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SPC8.0/90-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	90m	8m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SPC8.0/140-D220/2200	2200	3	220VDC	120-400Vdc	140m	8m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SPC8.0/140-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	140m	8m³/h	1.25''	2m	< 400V	>1.3*Pump Power



ISO IEC CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%~99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	25	30	40	45	50	60	70	80	90	110	120	130	140	160
3SPC5.2/45-D48/500	FLOW (m^3/h)	5.2	4.0	3.4	2.6	1.5	0.7	0										
3SPC5.2/50-D72/600		5.2	4.56	3.8	3.2	2.5	1.7	0.9	0									
3SPC5.5/75-D72/750		5.5	4.95	4.5	3.9	3.5	3.1	2.6	2.1	1.6	0.9	0						
3SPC6.5/55-D72/750		6.5	5.3	4.5	3.8	3.1	2.3	1.5	0.5	0								
3SPC6.5/85-D110/1100		6.5	5.7	4.8	4.1	3.5	2.8	2.1	1.6	0.9	0.6	0.2	0					
3SPC6.5/85-AD192/1100 (ACDC)		6.5	5.7	4.8	4.1	3.5	2.8	2.1	1.6	0.9	0.6	0.2	0					
3SPC6.5/125-D110/1500		6.5	6.1	5.6	5.2	4.7	4.2	3.8	3.3	2.9	2.5	2.0	1.6	1.1	0.6	0		
3SPC6.5/125-AD192/1500 (ACDC)		6.5	6.1	5.6	5.2	4.7	4.2	3.8	3.3	2.9	2.5	2.0	1.6	1.1	0.6	0		
3SPC6.5/160-D220/2200		6.5	6.2	5.8	5.5	5.2	4.8	4.5	4.1	3.8	3.5	3.2	2.9	2.6	2.2	1.7	1.0	0
3SPC6.5/160-AD220/2200 (ACDC)		6.5	6.2	5.8	5.5	5.2	4.8	4.5	4.1	3.8	3.5	3.2	2.9	2.6	2.2	1.7	1.0	0
3SPC7.0/46-D72/750		7.0	6.1	5.3	4.4	3.2	2.1	1.0	0									
3SPC8.0/62-D110/1100		8.0	7.1	6.0	5.1	4.2	3.1	2.2	1.3	0.3	0							
3SPC8.0/62-AD192/1100 (ACDC)		8.0	7.1	6.0	5.1	4.2	3.1	2.2	1.3	0.3	0							
3SPC8.0/90-D110/1500		8.0	7.4	6.8	6.0	5.3	4.5	3.9	3.3	2.5	1.8	1.1	0					
3SPC8.0/90-AD192/1500 (ACDC)		8.0	7.4	6.8	6.0	5.3	4.5	3.9	3.3	2.5	1.8	1.1	0					
3SPC8.0/140-D220/2200		8.0	7.6	7.2	6.8	6.2	5.7	5.2	4.8	4.3	3.8	3.2	2.6	1.9	1.4	0.9	0	
3SPC8.0/140-AD220/2200 (ACDC)		8.0	7.6	7.2	6.8	6.2	5.7	5.2	4.8	4.3	3.8	3.2	2.6	1.9	1.4	0.9	0	

4SPC SERIES

四寸太阳能塑料叶轮潜水泵

4inch Solar Plastic Impeller BLDC Submersible Pumps

型号说明 Model Instruction

4SPC6/42-D48/600

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 塑料叶轮 Plastic Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter







零件材质 Material of Parts

- 出水口 Outlet: 黄铜 Brass
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 塑料 Plastic
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

4inch Solar Plastic Impeller Submersible Pumps /四寸太阳能塑料叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SPC4.5/40-D48/500	500	0.6	48VDC	32-100Vdc	40m	4.5m³/h	1.25''	2m	< 100V	>1.3*Pump Power
4SPC4.5/55-D48/600	600	0.8	48VDC	32-100Vdc	55m	4.5m³/h	1.25''	2m	< 100V	>1.3*Pump Power
4SPC4.5/80-D72/750	750	1	72VDC	60-220Vdc	80m	4.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SPC4.5/130-D110/1500	1500	2	110VDC	60-220Vdc	130m	4.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SPC4.5/130-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	130m	4.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SPC4.5/190-D220/2200	2200	3	220VDC	120-400VDC	190m	4.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SPC4.5/190-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	190m	4.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SPC5.0/105-D110/1100	1100	1.5	110VDC	60-220VDC	105m	5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SPC5.0/105-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	105m	5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SPC6.5/42-D48/600	600	0.8	48VDC	32-100Vdc	42m	6.5m³/h	1.5''	2m	< 100V	>1.3*Pump Power
4SPC6.5/56-D72/750	750	1	72VDC	60-220Vdc	56m	6.5m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SPC6.5/86-D110/1100	1100	1.5	110VDC	60-220VDC	86m	6.5m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SPC6.5/86-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	86m	6.5m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SPC6.5/112-D110/1350	1350	1.8	110VDC	60-220VDC	112m	6.5m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SPC6.5/112-AD192/1350 (ACDC)	1350	1.8	192VDC 220VAC	120-400VDC 110-240VAC	112m	6.5m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SPC6.5/135-D110/1500	1500	2	110VDC	60-220VDC	135m	6.5m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SPC6.5/135-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	135m	6.5m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SPC7.5/210-D220/2200	2200	3	220VDC	120-400VDC	210m	7.5m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SPC7.5/210-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	210m	7.5m³/h	1.5''	2m	< 400V	>1.3*Pump Power



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	110	130	150	180	210
4SPC4.5/40-D48/500	FLOW (m^3/h)	4.5	3.2	2.1	0.6	0											
4SPC4.5/55-D48/600		4.5	3.6	2.7	1.8	1.0	0.2	0									
4SPC4.5/80-D72/750		4.5	3.9	3.3	2.8	2.1	1.5	0.9	0.3	0							
4SPC4.5/130-D110/1500		4.5	4.1	3.7	3.3	2.9	2.6	2.3	1.9	1.5	1.2	0.8	0.3	0			
4SPC4.5/130-AD192/1500 (ACDC)		4.5	4.1	3.7	3.3	2.9	2.6	2.3	1.9	1.5	1.2	0.8	0.3	0			
4SPC4.5/190-D220/2200		4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.8	0.5	0.2	0
4SPC4.5/190-AD220/2200 (ACDC)		4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.8	0.5	0.2	0
4SPC5.0/105-D110/1100		5.0	4.6	4.2	3.9	3.5	3.1	2.5	2.0	1.6	1.1	0.5	0				
4SPC5.0/105-AD192/1100 (ACDC)		5.0	4.6	4.2	3.9	3.5	3.1	2.5	2.0	1.6	1.1	0.5	0				
4SPC6.5/42-D48/600		6.5	5.1	4.0	2.8	1.1	0										
4SPC6.5/56-D72/750		6.5	5.3	4.2	3.1	1.9	1.0	0									
4SPC6.5/86-D110/1100		6.5	5.8	4.8	4.1	3.1	2.2	1.7	1.2	0.7	0						
4SPC6.5/86-AD192/1100 (ACDC)		6.5	5.8	4.8	4.1	3.1	2.2	1.7	1.2	0.7	0						
4SPC6.5/112-D110/1350		6.5	6.1	5.6	5.1	4.6	4.1	3.5	3.0	2.5	2.0	1.5	1.0	0			
4SPC6.5/112-AD192/1350 (ACDC)		6.5	6.1	5.6	5.1	4.6	4.1	3.5	3.0	2.5	2.0	1.5	1.0	0			
4SPC6.5/135-D110/1500		6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.4	2.9	1.2	0		
4SPC6.5/135-AD192/1500 (ACDC)		6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.4	2.9	1.2	0		
4SPC7.5/210-D220/2200		7.5	7.1	6.8	6.3	6.0	5.8	5.2	4.9	4.6	4.1	3.6	3.1	2.2	1.6	0.8	0
4SPC7.5/210-AD220/2200 (ACDC)		7.5	7.1	6.8	6.3	6.0	5.8	5.2	4.9	4.6	4.1	3.6	3.1	2.2	1.6	0.8	0

4inch Solar Plastic Impeller Submersible Pumps/四寸太阳能塑料叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SPC9.0/45-D72/750	750	1	72VDC	60-220VDC	45m	9m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC9.0/60-D110/1100	1100	1.5	110VDC	60-220VDC	58m	9m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC9.0/60-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	58m	9m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC9.0/71-D110/1300	1300	1.7	110VDC	60-220VDC	71m	9m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC9.0/71-AD192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	71m	9m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC9.0/85-D110/1500	1500	2	110VDC	60-220VDC	85m	9m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC9.0/85-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	85m	9m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC10/130-D220/2200	2200	3	220VDC	120-400VDC	130m	10m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC10/130-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	130m	10m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC10/170-D300/3000	3000	4	300VDC	120-400VDC	170m	10m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC10/170-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	170m	10m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC12/80-D110/1500	1500	2	110VDC	60-220VDC	80m	12m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC12/80-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	80m	12m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC12/160-D220/2200	2200	3	220VDC	120-400VDC	160m	12m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC12/160-AD220/2200(ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	160m	12m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC13/36-D72/750	750	1	72VDC	60-220VDC	36m	13m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC13/49-D110/1100	1100	1.5	110VDC	60-220VDC	49m	13m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC13/49-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	49m	13m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC13/54-D110/1300	1300	1.7	110VDC	60-220VDC	54m	13m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC13/54-AD192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	54m	13m³/h	2''	2m	< 400V	>1.3*Pump Power



ISO IEC CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170
4SPC9.0/45-D72/750		9.0	6.8	4.6	2.5	0.2	0												
4SPC9.0/60-D110/1100		9.0	7.3	5.5	3.7	1.9	0.3	0											
4SPC9.0/60-AD192/1100 (ACDC)		9.0	7.3	5.5	3.7	1.9	0.3	0											
4SPC9.0/71-D110/1300		9.0	7.6	6.3	4.9	3.4	1.9	0.4	0										
4SPC9.0/71-AD192/1300 (ACDC)		9.0	7.6	6.3	4.9	3.4	1.9	0.4	0										
4SPC9.0/85-D110/1500		9.0	8.1	7.2	6.1	5.0	3.9	2.9	1.7	0.6	0								
4SPC9.0/85-AD192/1500 (ACDC)		9.0	8.1	7.2	6.1	5.0	3.9	2.9	1.7	0.6	0								
4SPC10/130-D220/2200		10	9.1	8.5	8.0	7.4	6.9	6.2	5.7	5.0	4.3	3.6	2.9	1.4	0				
4SPC10/130-AD220/2200 (ACDC)		10	9.1	8.5	8.0	7.4	6.9	6.2	5.7	5.0	4.3	3.6	2.9	1.4	0				
4SPC10/170-D300/3000	FLOW (m^3/h)	10	9.5	9.0	8.5	7.9	7.4	6.9	6.4	5.8	5.3	4.8	4.2	3.8	3.3	2.7	2.1	1.5	0
4SPC10/170-AD220/3000 (ACDC)		10	9.5	9.0	8.5	7.9	7.4	6.9	6.4	5.8	5.3	4.8	4.2	3.8	3.3	2.7	2.1	1.5	0
4SPC12/80-D110/1500		12	10.5	9.3	7.8	6.3	4.9	3.4	1.9	0									
4SPC12/80-AD192/1500 (ACDC)		12	10.5	9.3	7.8	6.3	4.9	3.4	1.9	0									
4SPC12/160-D220/2200		12	11.3	10.6	9.8	9.6	8.8	8.1	7.4	6.7	5.9	5.2	4.4	3.6	2.9	2.1	1.3	0	
4SPC12/160-AD220/2200(ACDC)		12	11.3	10.6	9.8	9.6	8.8	8.1	7.4	6.7	5.9	5.2	4.4	3.6	2.9	2.1	1.3	0	
4SPC13/36-D72/750		13	10	6.0	3.0	0													
4SPC13/49-D110/1100		13	11	8.0	5.0	3	0												
4SPC13/49-AD192/1100 (ACDC)		13	11	8.0	5.0	3	0												
4SPC13/54-D110/1300		13	12	9.0	7.0	4.0	2.0	0											
4SPC13/54-AD192/1300 (ACDC)		13	12	9.0	7.0	4.0	2.0	0											

4inch Solar Plastic Impeller Submersible Pumps/四寸太阳能塑料叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SPC15/45-D110/1100	1100	1.5	110VDC	60-220VDC	45m	15m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC15/45-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	45m	15m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC15/70-D110/1500	1500	2	110VDC	60-220VDC	70m	15m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC15/70-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	70m	15m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC15/100-D220/2200	2200	3	220VDC	120-400VDC	100m	15m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC15/100-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	100m	15m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC15/120-D300/3000	3000	4	300VDC	120-400VDC	120m	15m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC15/120-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	120m	15m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC18/48-D110/1500	1500	2	110VDC	60-220VDC	48m	18m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC18/48-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	48m	18m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC18/68-D220/2200	2200	3	220VDC	120-400VDC	68m	18m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC18/68-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	68m	18m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC20/45-D110/1500	1500	2	110VDC	60-220VDC	38m	20m³/h	2''	2m	< 220V	>1.3*Pump Power
4SPC20/45-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	38m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC20.0/65-D220/2200	2200	3	220VDC	120-400VDC	65m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC20.0/65-AD220/2200 (ACDC)	2200	3	220VDC 220VAC	120-400VDC 110-240VAC	65m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC20.0/75-D300/3000	3000	4	300VDC	120-400VDC	75m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC20.0/75-D300/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	75m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC30/35-D220/2200	2200	4	220VDC	120-400VDC	35m	30m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC30/35-AD220/2200 (ACDC)	2200	4	220VDC 220VAC	120-400VDC 110-240VAC	35m	30m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC30/50-D300/3000	3000	4	300VDC	120-400VDC	50m	30m³/h	2''	2m	< 400V	>1.3*Pump Power
4SPC30/50-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	50m	30m³/h	2''	2m	< 400V	>1.3*Pump Power



ISO IEC CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	5	10	15	20	25	30	35	40	45	55	65	75	95	115	125
4SPC15/45-D110/1100	FLOW (m^3/h)	15	13.2	11.4	9.6	7.8	6.0	4.2	2.4	0.6	0						
4SPC15/45-AD192/1100 (ACDC)		15	13.2	11.4	9.6	7.8	6.0	4.2	2.4	0.6	0						
4SPC15/70-D110/1500		15	13.8	12.5	11.3	10.1	8.9	7.6	6.4	5.2	4.0	1.6	0.3	0			
4SPC15/70-AD192/1500 (ACDC)		15	13.8	12.5	11.3	10.1	8.9	7.6	6.4	5.2	4.0	1.6	0.3	0			
4SPC15/100-D220/2200		15	14.2	13.3	12.5	11.5	10.6	9.8	8.9	8.0	7.1	5.5	3.8	2.3	0.56	0	
4SPC15/100-AD220/2200 (ACDC)		15	14.2	13.3	12.5	11.5	10.6	9.8	8.9	8.0	7.1	5.5	3.8	2.3	0.56	0	
4SPC15/120-D300/3000		15	14.5	13.9	13.2	12.5	11.8	11.2	10.6	9.9	9.0	7.8	6.4	5.1	2.5	0.3	0
4SPC15/120-AD220/3000 (ACDC)		15	14.5	13.9	13.2	12.5	11.8	11.2	10.6	9.9	9.0	7.8	6.4	5.1	2.5	0.3	0
4SPC18/48-D110/1500		18	16	14.0	12.0	10.0	8.0	6.0	4.0	2.0	0.4	0					
4SPC18/48-AD192/1500 (ACDC)		18	16	14.0	12.0	10.0	8.0	6.0	4.0	2.0	0.4	0					
4SPC18/68-D220/2200		18	16.7	15.1	13.8	12.3	11.2	10.0	8.5	7.1	5.1	3.2	0.6	0			
4SPC18/68-AD220/2200 (ACDC)		18	16.7	15.1	13.8	12.3	11.2	10.0	8.5	7.1	6.0	3.2	0.6	0			
4SPC20/45-D110/1500		20	17	15	13	11	8.0	6.0	4.0	2.0	0						
4SPC20/45-AD192/1500 (ACDC)		20	17	15	13	11	8.0	6.0	4.0	2.0	0						
4SPC20.0/65-D220/2200		20	18	16	14	12	10	8	6	4	2	0.8	0				
4SPC20.0/65-AD220/2200 (ACDC)		20	18	16	14	12	10	8	6	4	2	0.8	0				
4SPC20.0/75-D300/3000		20	19	17	15	13	11	9	7	5	3	1.2	0.3	0			
4SPC20.0/75-D300/3000 (ACDC)		20	19	17	15	13	11	9	7	5	3	1.2	0.3	0			
4SPC30/35-D220/2200		30	25	21	16	12	7	2	0								
4SPC30/35-AD220/2200 (ACDC)		30	25	21	16	12	7	2	0								
4SPC30/50-D300/3000		30	27	24	21	18	15	12	9	6	3	0					
4SPC30/50-AD220/3000 (ACDC)		30	27	24	21	18	15	12	9	6	3	0					

3SSC SERIES

三寸太阳能不锈钢叶轮潜水泵

3inch Solar Stainless Steel Impelle BLDC Submersible Pumps

型号说明 Model Instruction

3SSC4/35-D24/300

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 不锈钢叶轮 Stainless Steel Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter







零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢 Stainless Steel
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

3inch Solar Stainless Steel Impeller Submersible Pumps/三寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
3SSC4.5/35-D24/300	300	0.4	24VDC	18-55Vdc	35m	4.5m³/h	1.25''	2m	< 55V	>1.3*Pump Power
3SSC4.5/55-D48/550	550	0.7	48VDC	32-100Vdc	55m	4.5m³/h	1.25''	2m	< 100V	>1.3*Pump Power
3SSC4.5/80-D48/600	600	0.8	48VDC	32-100Vdc	80m	4.5m³/h	1.25''	2m	< 100V	>1.3*Pump Power
3SSC4.8/95-D72/750	750	1.0	72VDC	60-220Vdc	95m	4.8m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SSC5/120-D110/1100	1100	1.5	110VDC	60-220Vdc	120m	5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SSC5/120-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	120m	5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC5/145-D110/1300	1300	1.7	110VDC	60-220VDC	145m	5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SSC5/145-D192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	145m	5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC5/180-D110/1500	1500	2	110VDC	60-220VDC	180m	5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SSC5/180-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	180m	5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC5/230-D220/2200	2200	3	220VDC	120-400VDC	230m	5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC5/230-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	230m	5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC6/70-D110/1100	1100	1.5	110VDC	60-220VDC	70m	6m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SSC6/70-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	70m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC6/95-D110/1300	1300	1.7	110VDC	60-220VDC	95m	6m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SSC6/95-AD192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	95m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC6/120-D110/1500	1500	2	100VDC	60-220Vdc	120m	6m³/h	1.25''	2m	< 220V	>1.3*Pump Power
3SSC6/120-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	120m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC6/180-D220/2200	2200	3	220VDC	120-400VDC	180m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
3SSC6/180-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	180m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power

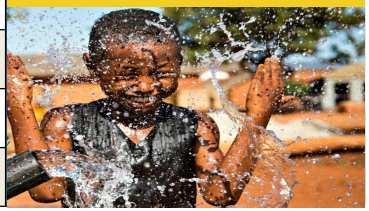


ISO CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

2 YEARS WARRANTY



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	170	190	210	230
3SSC4.5/35-D24/300	FLOW (m^3/h)	4.5	3.0	1.5	0.5	0															
3SSC4.5/55-D48/550		4.5	3.7	3.2	2.3	1.1	0.4	0													
3SSC4.5/80-D48/600		4.5	4.2	3.8	3.2	2.5	1.9	1.3	0.6	0											
3SSC4.8/95-D72/750		4.5	4.4	4.0	3.4	2.7	2.0	1.5	0.9	0.6	0.3	0									
3SSC5/120-D110/1100		5.0	4.4	4.2	3.9	3.6	3.3	2.9	2.4	1.9	1.4	0.8	0.4	0							
3SSC5/120-AD192/1100 (ACDC)		5.0	4.4	4.2	3.9	3.6	3.3	2.9	2.4	1.9	1.4	0.8	0.4	0							
3SSC5/145-D110/1300		5.0	4.5	4.3	4.0	3.7	3.4	3.1	2.9	2.6	2.1	1.6	1.3	1.0	0.7	0.3	0				
3SSC5/145-D192/1300 (ACDC)		5.0	4.5	4.3	4.0	3.7	3.4	3.1	2.9	2.6	2.1	1.6	1.3	1.0	0.7	0.3	0				
3SSC5/180-D110/1500		5.0	4.7	4.4	4.1	3.8	3.5	3.2	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6	0.2	0		
3SSC5/180-AD192/1500 (ACDC)		5.0	4.7	4.4	4.1	3.8	3.5	3.2	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6	0.2	0		
3SSC5/230-D220/2200		5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	1.8	1.4	0.9	0.4	0
3SSC5/230-AD220/2200 (ACDC)		5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	1.8	1.4	0.9	0.4	0
3SSC6/70-D110/1100		6.0	5.2	4.3	3.3	2.1	1.1	0.3	0												
3SSC6/70-AD192/1100 (ACDC)		6.0	5.2	4.3	3.3	2.1	1.1	0.3	0												
3SSC6/95-D110/1300		6.0	5.4	4.7	4.1	3.5	2.9	2.3	1.7	1.1	0.5	0									
3SSC6/95-AD192/1300 (ACDC)		6.0	5.4	4.7	4.1	3.5	2.9	2.3	1.7	1.1	0.5	0									
3SSC6/120-D110/1500		6.0	5.6	5.0	4.5	4.0	3.6	3.1	2.7	2.3	1.9	1.5	0.9	0							
3SSC6/120-AD192/1500 (ACDC)		6.0	5.6	5.0	4.5	4.0	3.6	3.1	2.7	2.3	1.9	1.5	0.9	0							
3SSC6/180-D220/2200		6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.9	2.6	2.2	1.9	1.6	1.0	0		
3SSC6/180-AD220/2200 (ACDC)		6.0	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.9	2.6	2.2	1.9	1.6	1.0	0		

4SSC SERIES

四寸太阳能不锈钢叶轮潜水泵

4inch Solar Stainless Steel Impeller BLDC Submersible Pumps

型号说明 Model Instruction

4SSC5.2/45-D48/500

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 不锈钢叶轮 Stainless Steel Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter





零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢 Stainless Steel
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current



4inch Solar Stainless Steel Impeller Submersible Pumps/四寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SSC3.5/50-D48/400	400	0.5	48VDC	32-100Vdc	50m	3.5m³/h	1.25''	2m	< 100V	>1.3*Pump Power
4SSC3.5/86-D48/600	600	0.8	48VDC	32-100Vdc	86m	3.5m³/h	1.25''	2m	< 100V	>1.3*Pump Power
4SSC3.5/105-D72/750	750	1	72VDC	60-220Vdc	105m	3.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC3.5/140-D110/1100	1100	1.5	110VDC	60-220VDC	140m	3.5m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC3.5/140-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	140m	3.5m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC4.8/203-D110/1500	1500	2	110VDC	60-220VDC	203m	4.8m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC4.8/203-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	203m	4.8m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC6.0/45-D48/500	500	0.6	48VDC	32-100Vdc	45m	6m³/h	1.25''	2m	< 100V	>1.3*Pump Power
4SSC6.0/67-D72/750	750	1	72VDC	60-220Vdc	67m	6m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC6.0/101-D110/1100	1100	1.5	110VDC	60-220VDC	101m	6m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC6.0/101-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	101m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC6.0/146-D110/1300	1300	1.7	110VDC	60-220VDC	146m	6m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC6.0/146-AD192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	146m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC6.0/230-D110/1500	1500	2	110VDC	60-220VDC	230m	6m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC6.0/230-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	230m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC6.0/300-D220/2200	2200	3	220VDC	120-400Vdc	300m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC6.0/300-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	300m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC6.0/400-D300/3000	3000	4	300VDC	120-400VDC	400m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC6.0/400-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	400m	6m³/h	1.25''	2m	< 400V	>1.3*Pump Power
4SSC7.0/80-D110/1300	1300	1.7	110VDC	60-220VDC	80m	7m³/h	1.25''	2m	< 220V	>1.3*Pump Power
4SSC7.0/80-AD192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	80m	7m³/h	1.25''	2m	< 400V	>1.3*Pump Power



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 2 YEARS WARRANTY



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	5	10	15	20	25	30	35	40	60	80	100	120	150	180	230	260	290	320	350	400
4SSC3.5/50-D48/400	FLOW (m^3/h)	3.5	3.2	2.8	2.4	1.8	1.6	1.3	0.9	0.4	0											
4SSC3.5/86-D48/600		3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.0	1.8	1.0	0.5	0									
4SSC3.5/105-D75/750		3.5	3.4	3.3	3.1	2.8	2.6	2.4	2.2	2.0	1.2	0.6	0.1	0								
4SSC3.5/140-D110/1100		3.5	3.4	3.2	3.0	2.9	2.8	2.6	2.4	2.3	1.5	0.9	0.4	0.2	0							
4SSC3.5/140-AD192/1100 (ACDC)		3.5	3.4	3.2	3.0	2.9	2.8	2.6	2.4	2.3	1.5	0.9	0.4	0.2	0							
4SSC4.8/203-D110/1500		4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.7	3.3	2.8	2.4	2.0	1.4	0.3	0					
4SSC4.8/203-AD192/1500 (ACDC)		4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.7	3.3	2.8	2.4	2.0	1.4	0.3	0					
4SSC6.0/45-D48/500		6.0	5.1	4.1	3.2	2.2	1.3	0.3	0													
4SSC6.0/67-D72/750		6.0	5.1	4.1	3.2	2.2	1.3	0.3	0													
4SSC6.0/101-D110/1100		6.0	5.3	5.0	4.7	4.4	4.1	3.8	3.4	3.0	1.5	0.5	0									
4SSC6.0/101-AD192/1100 (ACDC)		6.0	5.3	5.0	4.7	4.4	4.1	3.8	3.4	3.0	1.5	0.5	0									
4SSC6.0/146-D110/1300		6.0	5.5	5.2	4.9	4.7	4.4	4.0	3.8	3.4	2.6	2.1	1.4	0.5	0							
4SSC6.0/146-AD192/1300 (ACDC)		6.0	5.5	5.2	4.9	4.7	4.4	4.0	3.8	3.4	2.6	2.1	1.4	0.5	0							
4SSC6.0/230-D110/1500		6.0	5.6	5.3	5.0	4.8	4.5	4.2	3.9	3.6	2.7	2.2	1.6	1.2	0.6	0.2	0					
4SSC6.0/230-AD192/1500 (ACDC)		6.0	5.6	5.3	5.0	4.8	4.5	4.2	3.9	3.6	2.7	2.2	1.6	1.2	0.6	0.2	0					
4SSC6.0/300-D220/2200		6.0	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.5	4.1	3.7	3.1	2.8	2.2	1.7	1.3	0.3	0		
4SSC6.0/300-AD220/2200 (ACDC)		6.0	5.8	5.7	5.6	5.5	5.3	5.2	5.1	5.0	4.5	4.1	3.7	3.1	2.8	2.2	1.7	1.3	0.3	0		
4SSC6.0/400-D300/3000		6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	4.7	4.2	3.8	3.3	2.9	2.3	1.9	1.4	1.0	0.7	0.4	0
4SSC6.0/400-AD220/3000 (ACDC)		6.0	5.9	5.8	5.7	5.6	5.4	5.3	5.2	5.1	4.7	4.2	3.8	3.3	2.9	2.3	1.9	1.4	1.0	0.7	0.4	0
4SSC7.0/80-D110/1300		7.0	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.8	1.2	0										
4SSC7.0/80-AD192/1300 (ACDC)		7.0	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.8	1.2	0										

4inch Solar Stainless Steel Impeller Submersible Pumps/四寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

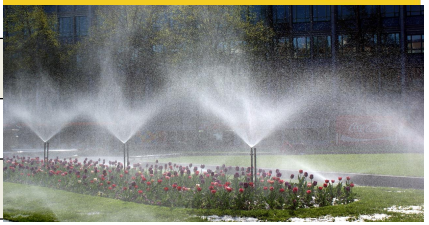
MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SSC7.0/150-D110/1500	1500	2	110VDC	60-220VDC	150m	7m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SSC7.0/150-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	150m	7m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC7.0/190-D220/2200	2200	3	220VDC	120-400VDC	190m	7m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC7.0/190-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	190m	7m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC7.0/260-D300/3000	3000	4	300VDC	120-400VDC	260m	7m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC7.0/260-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	260m	7m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC9/70-D110/1100	1100	1.5	110VDC	60-220VDC	70m	9m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SSC9/70-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	70m	9m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC9/130-D110/1500	1500	2	110VDC	60-220VDC	130m	9m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SSC9/130-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	130m	9m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC9/160-D110/1750	1750	2.3	110VDC	60-220VDC	160m	9m³/h	1.5''	2m	< 220V	>1.3*Pump Power
4SSC9/160-AD192/1750 (ACDC)	1750	2.3	192VDC 220VAC	120-400VDC 110-240VAC	160m	9m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC9/220-D220/2200	2200	3	220VDC	120-400VDC	220m	9m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC9/220-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	220m	9m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC9/240-D300/3000	3000	4	300VDC	120-400VDC	240m	9m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC9/240-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	240m	9m³/h	1.5''	2m	< 400V	>1.3*Pump Power
4SSC14/70-D110/1300	1300	1.7	110VDC	60-220VDC	70m	14m³/h	2''	2m	< 220V	>1.3*Pump Power
4SSC14/70-AD192/1300 (ACDC)	1300	1.7	192VDC 220VAC	120-400VDC 110-240VAC	70m	14m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC14/110-D110/1500	1500	2	110VDC	60-220VDC	110m	14m³/h	2''	2m	< 220V	>1.3*Pump Power
4SSC14/110-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	110m	14m³/h	2''	2m	< 400V	>1.3*Pump Power



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;



PERFORMANCE CHAT 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	110	120	140	160	180	220	240	260
4SSC7.0/150-D110/1500	FLOW (m^3/h)	7.0	6.5	6.0	5.4	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.1	0.2	0				
4SSC7.0/150-AD192/1500 (ACDC)		7.0	6.5	6.0	5.4	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	1.1	0.2	0				
4SSC7.0/190-D220/2200		7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.3	2.7	2.1	1.4	0		
4SSC7.0/190-AD220/2200 (ACDC)		7.0	6.7	6.4	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.3	2.7	2.1	1.4	0		
4SSC7.0/260-D300/3000		7.0	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.0	2.4	1.8	1.2	0.4	0
4SSC7.0/260-AD220/3000 (ACDC)		7.0	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.0	2.4	1.8	1.2	0.4	0
4SSC9/70-D110/1100		9.0	7.5	6.0	4.6	3.1	1.6	0.3	0											
4SSC9/70-AD192/1100 (ACDC)		9.0	7.5	6.0	4.6	3.1	1.6	0.3	0											
4SSC9/130-D110/1500		9.0	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.4	2.9	2.1	1.4	0.6	0					
4SSC9/130-AD192/1500 (ACDC)		9.0	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.4	2.9	2.1	1.4	0.6	0					
4SSC9/160-D110/1750		9.0	8.4	7.8	7.3	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.5	1.9	0.5	0				
4SSC9/160-AD192/1750 (ACDC)		9.0	8.4	7.8	7.3	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.5	1.9	0.5	0				
4SSC9/220-D220/2200		9.0	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.1	1.1	0.2	0		
4SSC9/220-AD220/2200 (ACDC)		9.0	8.5	8.0	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.1	1.1	0.2	0		
4SSC9/240-D300/3000		9.0	8.6	8.3	7.9	7.5	7.1	6.7	6.3	6.0	5.6	5.2	4.8	4.4	3.6	2.8	2.0	1.2	0	
4SSC9/240-AD220/3000 (ACDC)		9.0	8.6	8.3	7.9	7.5	7.1	6.7	6.3	6.0	5.6	5.2	4.8	4.4	3.6	2.8	2.0	1.2	0	
4SSC14/70-D110/1300		14.	12.00	10.5	8.5	6.0	4.0	1.8	0											
4SSC14/70-AD192/1300 (ACDC)		14.	12.00	10.5	8.5	6.0	4.0	1.8	0											
4SSC14/110-D110/1500		14.	12.85	11.4	10.	8.6	7.2	6.8	5.4	4.0	2.6	1.2	0							
4SSC14/110-AD192/1500 (ACDC)		14.	12.85	11.4	10.	8.6	7.2	6.8	5.4	4.0	2.6	1.2	0							

4inch Solar Stainless Steel Impeller Submersible Pumps/四寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
4SSC14/170-D220/2200	2200	3	220VDC	120-400Vdc	170m	14m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC14/170-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	170m	14m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC14/190-D300/3000	3000	4	300VDC	120-400VDC	190m	14m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC14/190-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	190m	14m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC16/70-D110/1500	1500	2	110VDC	60-220VDC	70m	16m³/h	2''	2m	< 220V	>1.3*Pump Power
4SSC16/70-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	70m	16m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC17/100-D220/2200	2200	3	300VDC	120-400VDC	100m	17m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC17/100-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	100m	17m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC18/95-D220/2200	2200	3	300VDC	120-400VDC	95m	18m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC18/95-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	95m	18m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC18/137-D300/3000	3000	4	300VDC	120-400VDC	137m	18m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC18/137-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	137m	18m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC20/48-D110/1300	1500	2	110VDC	60-220VDC	48m	20m³/h	2''	2m	< 220V	>1.3*Pump Power
4SSC20/48-D192/1300 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	48m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC20/82-D300/3000	2200	3	300VDC	120-400VDC	82m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC20/82-AD220/3000 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	82m	20m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC22/60-D110/1500	1500	2	192VDC	120-400VDC 110-240VAC	60m	22m³/h	2''	2m	< 220V	>1.3*Pump Power
4SSC22/60-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	60m	22m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC22/90-D300/3000	3000	4	300VDC	120-400VDC	90m	22m³/h	2''	2m	< 400V	>1.3*Pump Power
4SSC22/90-AD220/3000 (ACDC)	3000	4	300VDC 220VAC	120-400VDC 110-240VAC	90m	22m³/h	2''	2m	<400V	>1.3*Pump Power
4SSC25/26-D110/1500	1500	2	110VDC	60-220VDC	26m	25m³/h	2''	2m	< 220V	>1.3*Pump Power
4SSC25/26-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	26m	25m³/h	2''	2m	< 400V	>1.3*Pump Power



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

2 YEARS WARRANTY



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
4SSC14/170-D220/2200	FLOW (m^3/h)	14.0	13.3	12.4	11.5	10.6	9.7	8.8	7.9	7.0	6.1	5.2	4.3	3.4	2.5	1.6	0.7	0.2	0	
4SSC14/170-AD220/2200 (ACDC)		14.0	13.3	12.4	11.5	10.6	9.7	8.8	7.9	7.0	6.1	5.2	4.3	3.4	2.5	1.6	0.7	0.2	0	
4SSC14/190-D300/3000		14.0	13.5	12.7	12.0	11.4	10.6	10.0	9.4	9.0	8.2	7.5	6.9	6.2	5.5	4.8	4.1	3.4	2.7	1.7
4SSC14/190-AD220/3000 (ACDC)		14.0	13.5	12.7	12.0	11.4	10.6	10.0	9.4	9.0	8.2	7.5	6.9	6.2	5.5	4.8	4.1	3.4	2.7	1.7
4SSC16/70-D110/1500		16.0	14.0	11.5	9.0	6.5	4.0	1.5	0											
4SSC16/70-AD192/1500 (ACDC)		16.0	14.0	11.5	9.0	6.5	4.0	1.5	0											
4SSC17/100-D220/2200		17.0	15.4	13.6	11.8	10.0	8.2	6.4	4.6	2.8	1.0	0								
4SSC17/100-AD220/2200 (ACDC)		17.0	15.4	13.6	11.8	10.0	8.2	6.4	4.6	2.8	1.0	0								
4SSC18/95-D220/2200		18.0	16.0	14.5	13.0	11.2	9.4	7.6	5.5	3.5	1.2	0								
4SSC18/95-AD220/2200 (ACDC)		18.0	16.0	14.5	13.0	11.2	9.4	7.6	5.5	3.5	1.2	0								
4SSC18/137-D300/3000		18.0	16.7	15.5	14.4	13.2	11.9	10.6	9.3	8.0	6.7	5.3	3.9	2.5	1.1	0				
4SSC18/137-AD220/3000 (ACDC)		18.0	16.7	15.5	14.4	13.2	11.9	10.6	9.3	8.0	6.7	5.3	3.9	2.5	1.1	0				
4SSC20/48-D110/1300		20.0	16.0	12.0	8.0	4.0	0													
4SSC20/48-D192/1300 (ACDC)		20.0	16.0	12.0	8.0	4.0	0													
4SSC20/82-D300/3000		20.0	17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.1	0									
4SSC20/82-AD220/3000 (ACDC)		20.0	17.5	15.0	12.5	10.0	7.5	5.0	2.5	0.1	0									
4SSC22/60-D110/1500		22.0	18.5	15.0	11.5	8.0	4.5	0												
4SSC22/60-AD192/1500 (ACDC)		22.0	18.5	15.0	11.5	8.0	4.5	0												
4SSC22/90-D300/3000		22.0	19.5	17.0	14.5	12.0	9.5	7.0	4.5	2.0	0									
4SSC22/90-AD220/3000 (ACDC)		22.0	19.5	17.0	14.5	12.0	9.5	7.0	4.5	2.0	0									
4SSC25/26-D110/1500		25	17	9	0															
4SSC25/26-AD192/1500 (ACDC)		25	17	9	0															

5SSC / 6SSC SERIES

五寸/六寸太阳能不锈钢叶轮潜水泵

5inch/6inch Solar Stainless Steel Impeller BLDC Submersible Pumps

型号说明 Model Instruction

6SSC30/22-D120/1500

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 不锈钢叶轮 Stainless Steel Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter







零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢 Stainless Steel
- 螺丝 Screw: 不锈钢 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

5 /6inch Solar Stainless Steel Impeller Submersible Pumps / 五/六寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
5SSC32/25-D220/2200	2200	3.0	220VDC	120-400Vdc	25m	32m³/h	2.5''	2m	< 400V	>1.3*Pump Power
5SSC32/25-AD220/2200 (ACDC)	2200	3.0	300VDC 220VAC	120-400VDC 110-240VAC	25m	32m³/h	2.5''	2m	< 400V	>1.3*Pump Power
5SSC39/42-D220/2800	2800	3.7	220VDC	120-400Vdc	42m	39m³/h	2.5''	2m	< 400V	>1.3*Pump Power
5SSC39/42-AD220/2800 (ACDC)	2800	3.7	300VDC 220VAC	120-400VDC 110-240VAC	42m	39m³/h	2.5''	2m	< 400V	>1.3*Pump Power
6SSC30/19-D110/1100	1100	1.5	110VDC	60-220VDC	19m	30m³/h	3''	2m	< 220V	>1.3*Pump Power
6SSC30/19-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	19m	30m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC30/22-D110/1500	1500	2.0	110VDC	60-220Vdc	22m	30m³/h	3''	2m	< 220V	>1.3*Pump Power
6SSC30/22-AD192/1500 (ACDC)	1500	2.0	192VDC 220VAC	120-400VDC 110-240VAC	22m	30m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC30/70-D300/3000	3000	4.0	300VDC	120-400VDC	70m	30m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC30/70-AD220/3000 (ACDC)	3000	4.0	300VDC 220VAC	120-400VDC 110-240VAC	70m	30m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC36/34-D220/2800	2800	3.7	220VDC	120-400Vdc	34m	36m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC36/34-AD220/2800 (ACDC)	2800	3.7	300VDC 220VAC	120-400VDC 110-240VAC	34m	36m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC36/56-D300/3000	3000	4.0	300VDC	120-400VDC	56m	36m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC36/56-AD220/3000 (ACDC)	3000	4.0	300VDC 220VAC	120-400VDC 110-240VAC	56m	36m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC46/51-D300/3000	3000	4.0	300VDC	120-400VDC	51m	46m³/h	3''	2m	< 400V	>1.3*Pump Power
6SSC46/51-AD220/3000 (ACDC)	3000	4.0	300VDC 220VAC	120-400VDC 110-240VAC	51m	46m³/h	3''	2m	< 400V	>1.3*Pump Power



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 2 YEARS WARRANTY



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
5SSC32/25-D220/2200	FLOW (m^3/h)	32.0	28.0	22.0	16.0	10	0									
5SSC32/25-AD220/2200 (ACDC)		32.0	28.0	22.0	16.0	10	0									
5SSC39/42-D220/2800		39.0	35.0	31.0	26.0	21.0	16.0	11.0	5.0	1.0	0					
5SSC39/42-AD220/2800 (ACDC)		39.0	35.0	31.0	26.0	21.0	16.0	11.0	5.0	1.0	0					
6SSC30/19-D110/1100		30.0	23.0	15.5	8.0	0										
6SSC30/19-AD192/1100 (ACDC)		30.0	23.0	15.5	8.0	0										
6SSC30/22-D110/1500		30.0	26.6	19.0	10.0	5.2	0									
6SSC30/22-AD192/1500 (ACDC)		30.0	26.6	19.0	10.0	5.2	0									
6SSC30/70-D300/3000		30.0	28.2	26.1	24.2	22.3	20.5	18.3	16.2	14.1	12.0	10.1	8.2	6.3	4.2	0
6SSC30/70-AD220/3000 (ACDC)		30.0	28.2	26.1	24.2	22.3	20.5	18.3	16.2	14.1	12.0	10.1	8.2	6.3	4.2	0
6SSC36/34-D220/2800		36.0	31.0	26.2	21.2	16.1	10.3	4.3	0							
6SSC36/34-AD220/2800 (ACDC)		36.0	31.0	26.2	21.2	16.1	10.3	4.3	0							
6SSC36/56-D300/3000		36.0	32.8	29.6	26.4	23.2	20.0	16.8	13.6	10.4	7.2	4	0.2			
6SSC36/56-AD220/3000 (ACDC)		36.0	32.8	29.6	26.4	23.2	20.0	16.8	13.6	10.4	7.2	4	0.2			
6SSC46/51-D300/3000		46.0	42.0	38.0	34.0	30.0	26.0	22.0	17.5	13.8	7.5	0				
6SSC46/51-AD220/3000 (ACDC)		46.0	42.0	38.0	34.0	30.0	26.0	22.0	17.5	13.8	7.5	0				

6SSC ACDC SERIES

六寸太阳能不锈钢叶轮潜水泵

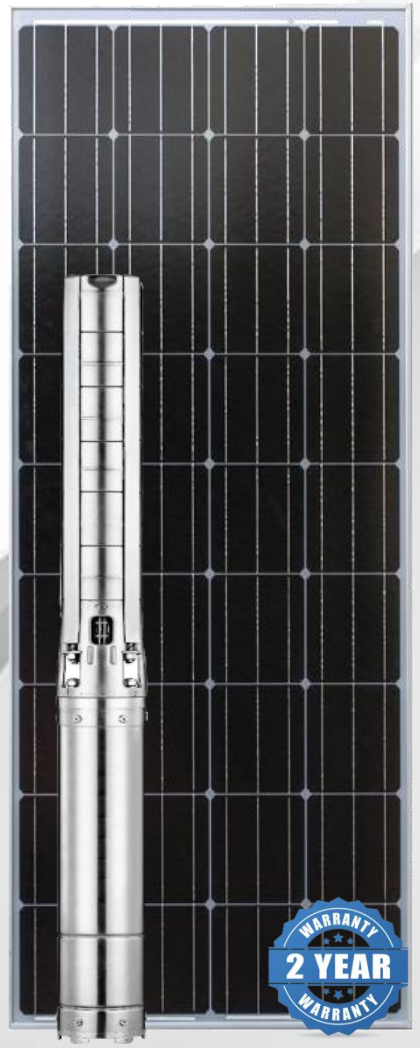
6inch Solar Stainless Steel Impeller Submersible Pumps

型号说明 Model Instruction

6SSC115/55-AD380/18KW

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 不锈钢叶轮 Stainless Steel Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter





零件材质 Material of Parts

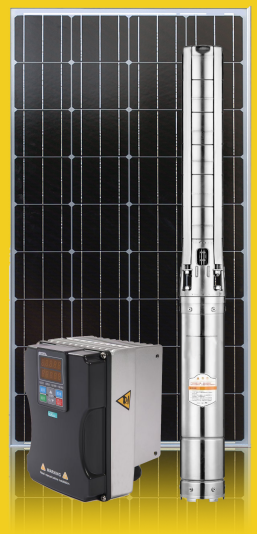
- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢 Stainless Steel
- 螺丝 Screw: 不锈钢 Stainless Steel
- 电机 Motor: 永磁同步直流电机
  Permanent Magnet Synchronous DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current



6inch Solar Stainless Steel Impeller Submersible Pumps/六寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
6SSC40/220-AD380/11KW	11.0	15.0	540VDC 380VAC	350-750VDC 360- 460VAC	220m	40m³/h	2.5''	2m	< 750V	>1.5*Pump Power
6SSC40/262-AD380/13KW	13.0	17.5	540VDC 380VAC	350-750VDC 360- 460VAC	262m	40m³/h	2.5''	2m	< 750V	>1.5*Pump Power
6SSC40/288-AD380/15KW	15.0	20.0	540VDC 380VAC	350-750VDC 360- 460VAC	288m	40m³/h	2.5''	2m	< 750V	>1.5*Pump Power
6SSC40/330-AD380/18.5KW	18.5	25.0	540VDC 380VAC	350-750VDC 360- 460VAC	330m	40m³/h	2.5''	2m	< 750V	>1.5*Pump Power
6SSC40/396-AD380/22KW	22.0	30.0	540VDC 380VAC	350-750VDC 360- 460VAC	396m	40m³/h	2.5''	2m	< 750V	>1.5*Pump Power
6SSC40/462-AD380/26KW	26.0	35.0	540VDC 380VAC	350-750VDC 360- 460VAC	462m	40m³/h	2.5''	2m	< 750V	>1.5*Pump Power
6SSC40/506-AD380/30KW	30.0	40.0	540VDC 380VAC	350-750VDC 360- 460VAC	506m	40m³/h	2.5''	2m	< 750V	>1.5*Pump Power
6SSC50/170-AD380/11KW	11.0	15.0	540VDC 380VAC	350-750VDC 360- 460VAC	170m	50m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC50/196-AD380/13KW	13.0	17.5	540VDC 380VAC	350-750VDC 360- 460VAC	196m	50m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC50/240-AD380/15KW	15.0	20.0	540VDC 380VAC	350-750VDC 360- 460VAC	240m	50m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC50/270-AD380/18.5KW	18.5	25.0	540VDC 380VAC	350-750VDC 360- 460VAC	270m	50m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC50/292-AD380/22KW	22.0	30.0	540VDC 380VAC	350-750VDC 360- 460VAC	292m	50m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC50/340-AD380/26KW	26.0	35.0	540VDC 380VAC	350-750VDC 360- 460VAC	340m	50m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC50/385-AD380/30KW	30.0	40.0	540VDC 380VAC	350-750VDC 360- 460VAC	385m	50m³/h	3''	2m	< 750V	>1.5*Pump Power



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE PMSM, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
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WARRANTY 2 YEARS WARRANTY



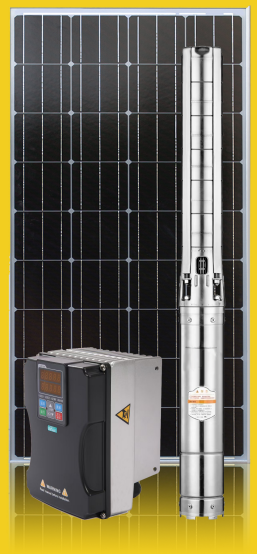
PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	35	70	105	140	175	210	245	280	315	350	385	420	455	490
6SSC40/220-AD380/11KW	FLOW (m^3/h)	40.0	35.2	32.0	27.5	19.9	10.4	2.0	0							
6SSC40/262-AD380/13KW		40.0	36.1	33.3	29.8	24.7	19.1	12.0	5.1	0						
6SSC40/288-AD380/15KW		40.0	37.5	33.9	30.4	25.0	20.8	15.1	9.3	3.2	0					
6SSC40/330-AD380/18.5KW		40.0	38.0	34.5	32.0	28.0	23.8	18.9	14.0	8.8	3.0	0				
6SSC40/396-AD380/22KW		40.0	38.5	35.8	33.4	39.4	27.3	24.7	21.3	17.0	12.9	8.0	2.1	0		
6SSC40/462-AD380/26KW		40.0	39.1	37.6	35.2	31.5	29.1	26.8	23.5	20.2	17.0	13.1	8.0	3.8	0.4	0
6SSC40/506-AD380/30KW		40.0	39.5	37.9	35.7	32.9	30.2	27.9	24.9	22.2	19.1	15.9	12.3	8.8	5.1	1.7
6SSC50/170-AD380/11KW		50.0	44.0	36.5	22.0	11.7	0									
6SSC50/196-AD380/13KW		50.0	44.8	39.3	28.0	20.0	8.0	0								
6SSC50/240-AD380/15KW		50.0	45.2	40.9	33.2	27.5	20.0	12.0	0							
6SSC50/270-AD380/18.5KW		50.0	45.8	41.2	36.0	31.3	25.1	17.2	8.0	0						
6SSC50/292-AD380/22KW		50.0	46.0	43.1	37.5	33.0	27.6	22.5	13.8	5.7	0					
6SSC50/340-AD380/26KW		50.0	46.3	44.0	39.7	36.9	32.0	27.5	20.0	13.6	7.3	0				
6SSC50/385-AD380/30KW		50.0	46.5	45.0	41.7	38.9	35.5	31.6	25.7	20.8	15.3	8.0	0			

6inch Solar Stainless Steel Impeller Submersible Pumps/六寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
6SSC70/70-AD380/7.5KW	7.5	10.0	540VDC 380VAC	350-750VDC 360- 460VAC	70	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/93-AD380/9.2KW	9.2	12.5	540VDC 380VAC	350-750VDC 360- 460VAC	93	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/115-AD380/11KW	11.0	15.0	540VDC 380VAC	350-750VDC 360- 460VAC	115	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/140-AD380/13KW	13.0	17.5	540VDC 380VAC	350-750VDC 360- 460VAC	140	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/162-AD380/15KW	15.0	20.0	540VDC 380VAC	350-750VDC 360- 460VAC	162	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/185-AD380/18.5KW	18.5	25.0	540VDC 380VAC	350-750VDC 360- 460VAC	185	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/210-AD380/22KW	22.0	30.0	540VDC 380VAC	350-750VDC 360- 460VAC	210	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/235-AD380/26KW	26.0	35.0	540VDC 380VAC	350-750VDC 360- 460VAC	235	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC70/260-AD380/30KW	30.0	40.0	540VDC 380VAC	350-750VDC 360- 460VAC	260	70m³/h	3''	2m	< 750V	>1.5*Pump Power
6SSC95/56-AD380/7.5KW	7.5	10.0	540VDC 380VAC	350-750VDC 360- 460VAC	56	95m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC95/82-AD380/9.2KW	9.2	12.5	540VDC 380VAC	350-750VDC 360- 460VAC	82	95m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC95/110-AD380/13KW	13.0	17.5	540VDC 380VAC	350-750VDC 360- 460VAC	110	95m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC95/136-AD380/18.5KW	18.5	25.0	540VDC 380VAC	350-750VDC 360- 460VAC	136	95m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC95/170-AD380/22KW	22.0	30.0	540VDC 380VAC	350-750VDC 360- 460VAC	170	95m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC95/200-AD380/26KW	26.0	35.0	540VDC 380VAC	350-750VDC 360- 460VAC	200	95m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC95/230-AD380/30KW	30.0	40.0	540VDC 380VAC	350-750VDC 360- 460VAC	230	95m³/h	4''	2m	< 750V	>1.5*Pump Power

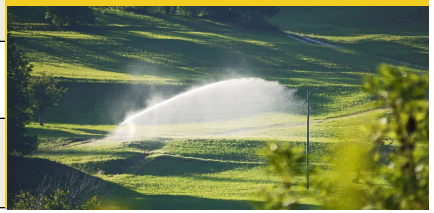


ISO CE RoHS SGS

KEY FEATURES

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Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
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Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 2 YEARS WARRANTY



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	20	40	60	80	100	120	140	160	180	200	220	240	260
6SSC70/70-AD380/7.5KW	FLOW (m^3/h)	70.0	63.0	51.7	24.0	0									
6SSC70/93-AD380/9.2KW		70.0	65.2	58.7	25.1	21.3	0								
6SSC70/115-AD380/11KW		70.0	66.0	61.4	45.5	41.6	21.0	0							
6SSC70/140-AD380/13KW		70.0	67.2	64.9	54.7	50.5	37.9	22.0	0						
6SSC70/162-AD380/15KW		70.0	68.0	66.0	62.3	56.7	48.0	37.9	22.3	4.5	0				
6SSC70/185-AD380/18.5KW		70.0	68.3	67.2	63.5	58.6	52.5	45.0	35.3	23.7	6.0	0			
6SSC70/210-AD380/22KW		70.0	68.9	67.6	65.0	61.1	56.7	51.0	40.7	34.1	21.5	3.7	0		
6SSC70/235-AD380/26KW		70.0	69.2	67.9	66.1	63.0	59.0	54.4	49.0	42.0	33.3	18.0	10.3	0	
6SSC70/260-AD380/30KW		70.0	69.5	68.2	66.9	64.0	61.5	57.8	52.9	47.6	40.1	29.0	22.8	12.0	0
6SSC95/56-AD380/7.5KW		95.0	72.0	40.0	0										
6SSC95/82-AD380/9.2KW		95.0	82.7	67.7	40.0	1.1	0								
6SSC95/110-AD380/13KW		95.0	89.1	80.0	64.0	40.0	18.2	0							
6SSC95/136-AD380/18.5KW		95.0	93.2	84.1	73.2	58.3	46.7	20.0	0						
6SSC95/170-AD380/22KW		95.0	93.8	90.3	83.6	74.1	67.4	52.0	32.0	8.0	0				
6SSC95/200-AD380/26KW		95.0	94.6	92.3	88.0	80.0	73.3	62.3	50.4	35.1	18.7	0			
6SSC95/230-AD380/30KW		95.0	94.8	93.1	90.2	83.9	77.1	69.1	61.2	49.5	38.2	21.7	8.0	0	

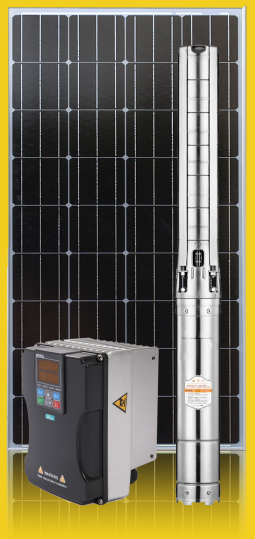
6inch Solar Stainless Steel Impeller Submersible Pumps/六寸太阳能不锈钢叶轮潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
6SSC115/55-AD380/9.2KW	9.2	12.5	540VDC 380VAC	350-750VDC 360- 460VAC	55	115m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC115/82-AD380/13KW	13.0	17.5			82	115m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC115/110-AD380/18.5KW	18.5	25.0			110	115m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC115/138-AD380/26KW	26.0	35.0			138	115m³/h	4''	2m	< 750V	>1.5*Pump Power
6SSC150/88-AD380/15KW	15.0	20.0			88	150m³/h	5''	2m	< 750V	>1.5*Pump Power
6SSC150/92-AD380/18.5KW	18.5	25.0			92	150m³/h	5''	2m	< 750V	>1.5*Pump Power
6SSC150/133-AD380/26KW	26.0	35.0			133	150m³/h	5''	2m	< 750V	>1.5*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140
6SSC115/55-AD380/9.2KW	FLOW (m³/h)	115	102	90	82	50	10	0								
6SSC115/82-AD380/13KW		115	105	103	101	80	76	66	40	3.0	0					
6SSC115/110-AD380/18.5KW		115	106	104	102	100	97	90	74	53	48	24	0			
6SSC115/138-AD380/26KW		115	107	106	104	102	101	100	95	86	81	66	53	35.0	14.0	0
6SSC150/88-AD380/15KW		150	145	130	117	96	82	61	37	15	0					
6SSC150/92-AD380/18.5KW		150	147	137	127	109	100	81	62	30	10	0				
6SSC150/133-AD380/26KW		150	148	142	137	127	116	103	80	72	53	42	37	19.0	1.0	0



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Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 2 YEARS WARRANTY



4SSPC AC/DC HIGH SPEED SERIES (Max Speed:6000RPM)

四寸太阳能高速潜水泵（最高转速：6000转/分）

4SSPC AC/DC Solar High Speed Submersible Pumps

型号说明 Model Instruction

4SSPC9/350-AD380/4KW

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 不锈钢-塑料叶轮 Stainless Steel - Plasitc Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter





零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢+塑料 Stainless Steel - Plastic
- 螺丝 Screw: 不锈钢 Stainless Steel
- 电机 Motor: 永磁同步电机
  Permanent Magnet Synchronous Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current



4SSPC AC/DC Solar High Speed Submersible Pumps/四寸太阳能高速潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
4SSPC7/200-AD220/1.5KW	1.5	2.0	220 VDC 220 VAC	180-400 VDC 190-250 VAC	200m	7m³/h	1”	2m	< 400V	>1.5*Pump Power
4SSPC7/248-AD220/2.2KW	2.2	3.0			248m	7m³/h	1”	2m	< 400V	>1.5*Pump Power
4SSPC7/300-AD380/3KW	3	4.0	540 VDC 380 VAC	350-750 VDC 360-460 VAC	300m	7m³/h	1”	2m	< 750V	>1.5*Pump Power
4SSPC7/380-AD380/4KW	4	5.5			380m	7m³/h	1”	2m	< 750V	>1.5*Pump Power
4SSPC7/460-AD380/5.5KW	5.5	7.5			460m	7m³/h	1”	2m	< 750V	>1.5*Pump Power
4SSPC9/145-AD220/1.5KW	1.5	2.0	220 VDC 220 VAC	180-400 VDC 190-250 VAC	145m	9m³/h	1”	2m	< 400V	>1.5*Pump Power
4SSPC9/200-AD220/2.2KW	2.2	3.0			200m	9m³/h	1”	2m	< 400V	>1.5*Pump Power
4SSPC12/98-AD220/1.5KW	1.5	2.0			98m	12m³/h	1.5”	2m	< 400V	>1.5*Pump Power
4SSPC12/128-AD220/2.2KW	2.2	3.0			128m	12m³/h	1.5”	2m	< 400V	>1.5*Pump Power
4SSPC19/60-AD220/1.5KW	1.5	2.0	220 VDC 220 VAC	180-400 VDC 190-250 VAC	60m	19m³/h	2”	2m	< 400V	>1.5*Pump Power
4SSPC19/87-AD220/2.2KW	2.2	3.0			87m	19m³/h	2”	2m	< 400V	>1.5*Pump Power
4SSPC27/60-AD220/2.2KW	2.2	3.0			60m	27m³/h	2”	2m	< 400V	>1.5*Pump Power



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PERFORMANCE CHART 性能参数

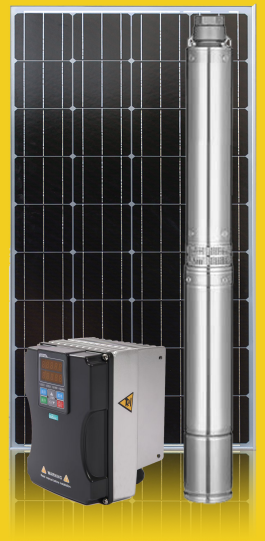
MODEL	HEAD (m)	20	45	70	95	120	145	170	195	220	245	270	295	320	345	370	395	420	445	470
4SSPC7/200-AD220/1.5KW	FLOW (m^3/h)	6.2	5.5	4.5	3.3	2.6	2	1.1	0.2											
4SSPC7/248-AD220/2.2KW		6.5	5.9	5.2	4.5	3.8	3.1	2.4	1											
4SSPC7/300-AD380/3KW		6.5	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.6	0.8							
4SSPC7/380-AD380/4KW		6.6	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.4	3.1	2.8	2.5	2.2	1.4	0.5				
4SSPC7/460-AD380/5.5KW		6.6	6.2	5.9	5.6	5.3	5	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.3	2	1.3	0.7	
4SSPC9/145-AD220/1.5KW		8.5	6.8	5.1	3.4	1.7	0													
4SSPC9/200-AD220/2.2KW		8.7	7.3	6.3	5.3	4.3	3.3	1.8	0.3											

MODEL	HEAD (m)	0	20	40	60	80	100	120	140
4SSPC12/98-AD220/1.5KW	FLOW (m^3/h)	12	10	7.5	5	2.5	0		
4SSPC12/128-AD220/2.2KW		12	10.8	9.3	7.8	6.3	3.5	0.7	
4SSPC19/60-AD220/1.5KW		19	13	8	0				
4SSPC19/87-AD220/2.2KW		19	15	12	9	3			
4SSPC27/60-AD220/2.2KW		27	22	16	9				

4SSPC AC/DC Solar High Speed Submersible Pumps/四寸太阳能高速潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
4SSPC9/260-AD380/3KW	3.0	4.0	540VDC 380VAC	350-750VDC 360- 460VAC	260m	9m³/h	1"	2m	< 750V	>1.5*Pump Power
4SSPC9/350-AD380/4KW	4.0	5.5			350m	9m³/h	1"	2m	< 750V	>1.5*Pump Power
4SSPC9/435-AD380/5.5KW	5.5	7.5			435m	9m³/h	1"	2m	< 750V	>1.5*Pump Power
4SSPC9/550-AD380/7.5KW	7.5	10.0			550m	9m³/h	1"	2m	< 750V	>1.5*Pump Power
4SSPC9/610-AD380/9.2KW	9.2	12.5	540VDC 380VAC	350-750VDC 360- 460VAC	610m	9m³/h	1"	2m	< 750V	>1.5*Pump Power
4SSPC9/670-AD380/11KW	11.0	15.0			670m	9m³/h	1"	2m	< 750V	>1.5*Pump Power
4SSPC14/185-AD380/3KW	3.0	4.0			185m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power
4SSPC14/240-AD380/4KW	4.0	5.5			240m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power
4SSPC14/320-AD380/5.5KW	5.5	7.5	540VDC 380VAC	350-750VDC 360- 460VAC	320m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power
4SSPC14/420-AD380/7.5KW	7.5	10.0			420m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power
4SSPC14/445-AD380/9.2KW	9.2	12.5			445m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power
4SSPC14/500-AD380/11KW	11.0	15.0	540VDC 380VAC	350-750VDC 360- 460VAC	500m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power
4SSPC14/605-AD380/13KW	13.0	17.5			605m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power
4SSPC14/683-AD380/15KW	15.0	20.0			683m	14m³/h	1.5"	2m	< 750V	>1.5*Pump Power



ISO CE RoHS SGS

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PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	40	80	120	160	200	240	280	320	360	400	440	480	520	560	600	640	680
4SSPC9/260-AD380/3KW	FLOW (m3/h)	9.0	7.9	6.8	5.7	4.6	3.2	0.8	0										
4SSPC9/350-AD380/4KW		9.0	8.2	7.4	6.6	5.8	5.0	4.2	3.4	2.1	0								
4SSPC9/435-AD380/5.5KW		9.0	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.2	3.5	1.2	0						
4SSPC9/550-AD380/7.5KW		9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.3	2.2	1.0	0			
4SSPC9/610-AD380/9.2KW		9.0	8.6	8.2	7.8	7.4	7.0	6.6	6.2	5.7	5.4	4.9	4.5	3.9	2.9	1.2	0		
4SSPC9/670-AD380/11KW		9.0	8.7	8.4	7.9	7.5	7.1	6.8	6.3	5.8	5.5	5.0	4.6	4.2	3.8	3.3	1.4	0	
4SSPC14/185-AD380/3KW		14.0	12.0	10.0	8.0	6.0	0												
4SSPC14/240-AD380/4KW		14.0	12.2	11.0	9.5	8.5	6.0	0											
4SSPC14/320-AD380/5.5KW		14.0	12.6	11.4	10.2	9.3	8.0	6.4	3.2	0									
4SSPC14/420-AD380/7.5KW		14.0	13.0	12.1	11.1	10.0	9.2	8.4	8	7.2	5.4	2.6	0						
4SSPC14/445-AD380/9.2KW		14.0	13.1	12.2	11.3	10.2	9.4	8.5	7.2	7.0	5.3	3.8	1.9	0					
4SSPC14/500-AD380/11KW		14.0	13.2	12.6	11.9	11.2	10.4	9.8	9.2	8.6	8.0	6.0	4.2	2.1	0				
4SSPC14/605-AD380/13KW		14.0	13.4	13.0	12.5	12.0	11.5	11.0	10.3	9.7	9.1	8.4	8.0	6.2	4.1	1.5	0		
4SSPC14/683-AD380/15KW		14.0	13.5	13.1	12.6	12.1	11.6	11.0	10.4	9.8	9.2	8.6	7.7	7.0	5.6	4.2	2.8	1.1	0

4SSPC AC/DC Solar High Speed Submersible Pumps/四寸太阳能高速潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
4SSPC21/125-AD380/3KW	3.0	4.0	540VDC 380VAC	350-750VDC 360- 460VAC	125m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/155-AD380/4KW	4.0	5.5			155m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/220-AD380/5.5KW	5.5	7.5			220m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/275-AD380/7.5KW	7.5	10.0			275m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/305-AD380/9.2KW	9.2	12.5	540VDC 380VAC	350-750VDC 360- 460VAC	305m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/370-AD380/11KW	11.0	15.0			370m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/455-AD380/13KW	13.0	17.5			455m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/516-AD380/15KW	15.0	20.0			516m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC21/607-AD380/18.5KW	18.5	25.0	540VDC 380VAC	350-750VDC 360- 460VAC	607m	21m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/85-AD380/3KW	3.0	4.0			85m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/110-AD380/4KW	4.0	5.5			110m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/160-AD380/5.5KW	5.5	7.5			160m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/220-AD380/7.5KW	7.5	10.0	540VDC 380VAC	350-750VDC 360- 460VAC	220m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/245-AD380/9.2KW	9.2	12.5			245m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/270-AD380/11KW	11.0	15.0			270m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/325-AD380/13KW	13.0	17.5	540VDC 380VAC	350-750VDC 360- 460VAC	325m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/380-AD380/15KW	15.0	20.0			380m	28m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC28/435-AD380/18.5KW	18.5	25.0			435m	28m³/h	2"	2m	< 750V	>1.5*Pump Power



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PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	25	50	75	100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	650
4SSPC21/125-AD380/3KW	FLOW (m^3/h)	21	18.3	15.6	12.9	10	0														
4SSPC21/155-AD380/4KW		21	18.8	16.7	14.6	12.4	10	6.3	0												
4SSPC21/220-AD380/5.5KW		21	19.5	18.0	16.5	15.0	13.5	12.0	10	5.0	0										
4SSPC21/275-AD380/7.5KW		21	19.7	18.6	17.5	16.4	15.3	14.2	13.3	12.0			0								
4SSPC21/305-AD380/9.2KW		21	19.8	18.8	17.9	16.9	15.8	14.7	13.8	12.9	12.0	8.5	3.5	0							
4SSPC21/370-AD380/11KW		21	20.0	19.0	18.1	17.2	16.3	15.3	14.5	13.6	12.4	11.3	10.4	9	2.1	0					
4SSPC21/455-AD380/13KW		21	20.1	19.2	18.3	17.4	16.5	15.6	14.7	13.8	12.9	12.0	11.1	10.2	9.3	8.0	0				
4SSPC21/516-AD380/15KW		21	20.3	19.6	18.9	18.2	17.5	17.0	16.3	15.6	14.9	14.2	13.5	12.8	12.1	11	8.4	0			
4SSPC21/607-AD380/18.5KW		21	20.5	20.1	19.5	19.0	18.5	18.1	17.6	17.1	16.6	16.0	15.4	14.8	14.2	13.7	13.0	7.0	3.0	0	

MODEL	HEAD (m)	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475
4SSPC28/85-AD380/3KW	FLOW (m^3/h)	28	23.3	18.0	8.3	0															
4SSPC28/110-AD380/4KW		28	24.4	20.6	16	8.7	0														
4SSPC28/160-AD380/5.5KW		28	25.2	22.4	19.6	16.8	14	6.8	0												
4SSPC28/220-AD380/7.5KW		28	26.0	24.1	22.3	20.2	18.3	16.0	10.7	5.1	0										
4SSPC28/245-AD380/9.2KW		28	26.2	24.4	22.6	20.8	19.0	17.2	15.0	10.2	5.6	0									
4SSPC28/270-AD380/11KW		28	26.4	24.8	23.2	21.6	20.0	18.4	16.8	15	11.0	6.2	0								
4SSPC28/325-AD380/13KW		28	26.7	25.4	24.1	22.8	21.5	20.2	18.9	17.6	16.0	12.8	8.9	4.4	0						
4SSPC28/380-AD380/15KW		28	26.8	25.9	24.8	23.9	22.8	21.8	20.9	19.9	19	18	16.2	13.8	11.9	9.9	7.8	0			
4SSPC28/435-AD380/18.5KW		28	27.1	26.2	25.1	24.2	23.3	22.2	21.2	20.3	19.2	18.1	17.1	16.0	14.1	12.4	10.2	8.1	6.2	0	

4SSPC AC/DC Solar High Speed Submersible Pumps/四寸太阳能高速潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
4SSPC32/80-AD380/3KW	3.0	4.0	540VDC 380VAC	350-750VDC 360- 460VAC	80m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/108-AD380/4KW	4.0	5.5			108m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/135-AD380/5.5KW	5.5	7.5			135m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/165-AD380/7.5KW	7.5	10.0			165m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/198-AD380/9.2KW	9.2	12.5	540VDC 380VAC	350-750VDC 360- 460VAC	198m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/223-AD380/11KW	11.0	15.0			223m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/251-AD380/13KW	13.0	17.5			251m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/307-AD380/15KW	15.0	20.0			307m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC32/335-AD380/18.5KW	18.5	25.0	540VDC 380VAC	350-750VDC 360- 460VAC	335m	32m³/h	2"	2m	< 750V	>1.5*Pump Power
4SSPC45/50-AD380/3KW	3.0	4.0			50m	45m³/h	3"	2m	< 750V	>1.5*Pump Power
4SSPC53/45-AD380/4KW	4.0	5.5			45m	53m³/h	3"	2m	< 750V	>1.5*Pump Power
4SSPC53/70-AD380/5.5KW	5.5	7.5			70m	53m³/h	3"	2m	< 750V	>1.5*Pump Power
4SSPC53/95-AD380/7.5KW	7.5	10.0	540VDC 380VAC	350-750VDC 360- 460VAC	95m	53m³/h	3"	2m	< 750V	>1.5*Pump Power
4SSPC53/120-AD380/11KW	11.0	15.0			120m	53m³/h	3"	2m	< 750V	>1.5*Pump Power
4SSPC53/144-AD380/13KW	13.0	17.5			144m	53m³/h	3"	2m	< 750V	>1.5*Pump Power
4SSPC53/168-AD380/15KW	15.0	20			168m	53m³/h	3"	2m	< 750V	>1.5*Pump Power
4SSPC53/192-AD380/18.5KW	18.5	25.0			192m	53m³/h	3"	2m	< 750V	>1.5*Pump Power



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE PMSM, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 18 MONTHS WARRANTY



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	30	40	50	60	70	80	100	120	140	160	180	200	230	260	290	320	350
4SSPC32/80-AD380/3KW	FLOW (m^3/h)	32	28.0	26.9	24.9	22.8	21.0	14.0	6.8	0											
4SSPC32/108-AD380/4KW		32	28.4	27.8	25.5	24.7	23,8	23.0	17.3	11.6	5.9	0									
4SSPC32/135-AD380/5.5KW		32	28.8	28.0	26.0	25.2	24.0	23.2	22.1	21.0	14.0	6.6	0								
4SSPC32/165-AD380/7.5KW		32	29.1	28.2	26.2	25.5	24.9	24.1	23.2	22.1	21.0	15.8	10.6	5.4	0						
4SSPC32/198-AD380/9.2KW		32	29.6	28.7	27.7	26.8	25.7	24.6	23.7	22.8	22.0	21.0	16.0	11.0	6.0	0					
4SSPC32/223-AD380/11KW		32	31.0	30.1	29.2	28.2	27.3	26.4	25.5	24.6	22.5	21.3	20.0	15.5	11.8	7.8	0				
4SSPC32/251-AD380/13KW		32	31.1	30.3	29.5	28.6	27.7	26.8	26.0	25.1	23.4	21.7	20.8	19.0	14.5	10.1	6.0	0			
4SSPC32/307-AD380/15KW		32	31.4	30.8	30.2	29.6	29.0	28.4	27.8	27.2	26.0	24.8	23.6	22.1	22.0	17.6	13.2	8.8	4.4	0	
4SSPC32/335-AD380/18.5KW		32	31.5	31.0	30.5	30.0	29.5	29.0	28.5	28.0	27.0	26.0	25.0	24.0	23.0	22.0	17.5	13.0	8.5	4.0	0
4SSPC45/50-AD380/3KW		45	40.0	36.0	30	5.0	0														
4SSPC53/45-AD380/4KW		53	47.0	41.0	32.0	6.5	0														
4SSPC53/70-AD380/5.5KW		53	49.0	45.0	40.0	34	26	15	0												
4SSPC53/95-AD380/7.5KW		53	49.5	46.0	42.5	39.0	35.5	33.0	27.0	19.0	0										
4SSPC53/120-AD380/11KW		53	50.0	47.0	45.0	43.0	41.0	38.0	34.0	30.0	20.0	0									
4SSPC53/144-AD380/13KW		53	50.5	48.0	46.0	44.0	42.0	40.0	38.0	35.0	26.0	16.0	7.5	0							
4SSPC53/168-AD380/15KW		53	51.2	49.4	47.6	45.8	44.0	42.2	49.5	37.6	33.0	27.0	24.0	8.9	0						
4SSPC53/192-AD380/18.5KW		53	51.7	50.4	49.1	47.8	46.5	45.2	43.9	42.6	40.0	36.0	27.0	18.0	9.0	0					

4SSPC AC/DC Solar High Speed Submersible Pumps/四寸太阳能高速潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
4SSPC50/50-AD380/3KW	3	4.0	540 VDC 380 VAC	350-750 VDC 360-460 VAC	50m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/73-AD380/4KW	4	5.5			73m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/96-AD380/5.5KW	5.5	7.5			96m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/120-AD380/7.5KW	7.5	10.0	540 VDC 380 VAC	350-750 VDC 360-460 VAC	120m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/143-AD380/9.2KW	9.2	12.5			143m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/170-AD380/11KW	11	15.0			170m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/198-AD380/13KW	13	17.5	540 VDC 380 VAC	350-750 VDC 360-460 VAC	198m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/220-AD380/15KW	15	20.0			220m	50m³/h	3”	2m	< 750V	>1.5*Pump Power
4SSPC50/245-AD380/18.5KW	18.5	25.0			245m	50m³/h	3”	2m	< 750V	>1.5*Pump Power



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Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;



PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	30	50	70	90	110	130	150	170	190	210	230	250	270	290	310
4SSPC50/50-AD380/3KW	FLOW (m^3/h)	50	43	28	0													
4SSPC50/73-AD380/4KW		50	44	32	22	8												
4SSPC50/96-AD380/5.5KW		50	45	35	26	18	8											
4SSPC50/120-AD380/7.5KW		50	47	41	35	29	19	9										
4SSPC50/143-AD380/9.2KW		50	47	42	37	32	22	18	8	0								
4SSPC50/170-AD380/11KW		50	48	43	38	33	28	23	16	9	2							
4SSPC50/198-AD380/13KW		50	48	44	40	36	32	27	22	16	10	4	0					
4SSPC50/220-AD380/15KW		50	48	44	42	40	38	34	30	23	16	9	2	0				
4SSPC50/245-AD380/18.5KW		50	48	45	43	41	39	37	34	31	28	20	12	4	0			

8/10SSC AC/DC SERIES

8 寸 / 10 寸太阳能潜水泵

8/10SSC AC/DC Solar Submersible Pumps

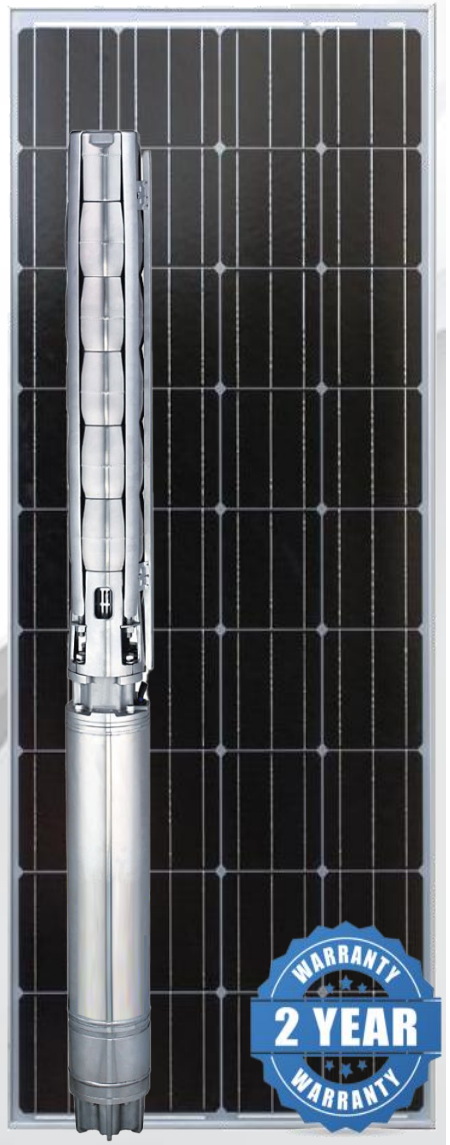
型号说明 Model Instruction

8SSC120/55-AD220/18KW

- 水泵功率 Pump Power
- 额定电压 Rated Voltage AD:ACDC
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Pump
- 不锈钢叶轮 Stainless Steel Impeller
- 潜水泵 Submersible Pump
- 水泵外径 Pump Outer Diameter







零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢+塑料 Stainless Steel - Plastic
- 螺丝 Screw: 不锈钢 Stainless Steel
- 电机 Motor: 交流感应异步电机
  AC Induction Asynchronous Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

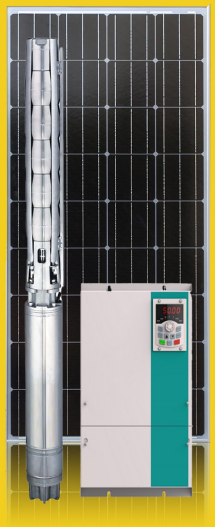
8 / 10inch S/S Impeller Solar Submersible Pumps 八寸/十寸不锈钢叶轮太阳能潜水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
8SSC120/246-AD380/45 KW	45.0	60	540VDC 380VAC	520-800VDC 360-460VAC	246m	120m³/h	5"	2m	< 750V	>1.5*Pump Power
8SSC120/307-AD380/55 KW	55.0	75			307m	120m³/h	5"	2m	< 750V	>1.5*Pump Power
8SSC120/315-AD380/63KW	63.0	85			315m	120m³/h	5"	2m	< 750V	>1.5*Pump Power
10SSC160/208-AD380/75KW	75.0	100			208m	160m³/h	6"	2m	< 750V	>1.5*Pump Power
10SSC200/264-AD380/93KW	93.0	125			264m	200m³/h	6"	2m	< 750V	>1.5*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	10	20	40	60	80	100	120	140	160	180	200	250
8SSC120/246-AD380/45 KW	FLOW (m³/h)	120.0	117.6	115.4	112.5	105.0	99.6	95.2	92.7	88.4	75.0	60.0	42.5	0
8SSC120/307-AD380/55 KW		120.0	118.2	116.8	113.4	105.7	100.5	97.4	94.8	92.5	89.2	87.5	73.8	40.0
8SSC120/315-AD380/63KW		120.0	118.6	117.2	115.6	112.4	108.5	106.2	102.0	99.5	97.7	95.0	83.5	
10SSC160/208-AD380/75KW		160.0	158.5	157.7	154.2	150.5	142.7	138.2	132.6	125.0	95.5	76.7		
10SSC200/264-AD380/93KW		200.0	197.5	193.2	183.5	176.8	168.2	156.6	147.5	138.0	125.0	85.6	50.0	45.2



ISO CE RoHS SGS

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Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 2 YEARS WARRANTY



SQB VORTEX SERIES

太阳能离心地面泵

Solar Vortex Pumps with internal controller

型号说明 Model Instruction

SQB2.0/25-D24/250

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 涡旋泵 Vortex Pump

零件材质 Material of Parts

- 进水口 Inlet: 铸铁 Cast Iron
- 出水口 Outlet: 铸铁 Cast Iron
- 机筒 Motor Body: 压铸铝 Die-cast Aluminum
- 叶轮 Impeller: 黄铜 Brass
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁无刷直流电机
  Permanent Magnet Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/
  32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

其他 Others

- 最大吸程 Max suction: 8m







Solar Vortex Pumps with Internal Controller /内置控制器太阳能涡旋泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
SQB2.0/25-D24/250	250	0.3	24Vdc	18-55Vdc	25m	2m³/h	1.25''	2m	< 55V	>1.3*Pump Power
SQB2.3/40-D36/400	400	0.5	36Vdc	18-60Vdc	40m	2.3m³/h	1.25''	2m	< 60V	>1.3*Pump Power
SQB2.1/50-D48/500	500	0.7	48Vdc	32-100Vdc	50m	2.1m³/h	1.25''	2m	< 100V	>1.3*Pump Power
SQB1.8/60-D72/750	750	1	72Vdc	32-120Vdc	60m	1.8m³/h	1.25''	2m	< 220V	>1.3*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	5	10	15	20	25	30	35	40	45	50	55	60
SQB2.0/25-D24/250	FLOW (m³/h)	2.1	1.7	1.4	1.0	0.7	0.1							
SQB2.3/40-D36/400		2.3	1.9	1.6	1.3	1.0	0.7	0.5	0.2	0				
SQB2.1/50-D48/500		2.1	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.4	0.2	0		
SQB1.8/60-D72/750		1.8	1.8	1.9	1.9	1.8	1.6	1.4	1.2	1.0	0.8	0.5	0.3	0



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 1 YEAR WARRANTY



CPM SERIES

太阳能离心地面泵

Solar Power Surface Centrifugal Pump

型号说明 Model Instruction

CPM6/30-D48/550

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 离心泵 Centrifugal Permanent Magnet Pump

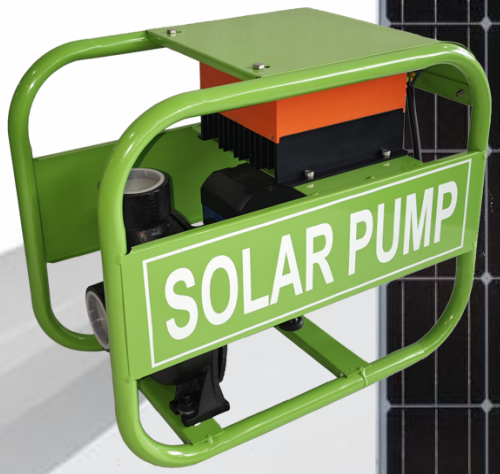
零件材质 Material of Parts

- 进水口 Inlet: 铸铁 Cast Iron
- 出水口 Outlet: 铸铁 Cast Iron
- 机筒 Motor Body: 压铸铝 Die-cast Aluminum
- 支架 Braced Frame: 钢 Steel
- 叶轮 Impeller: 黄铜 Brass
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/
  32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

其他 Others

- 最大吸程 Max suction: 8m







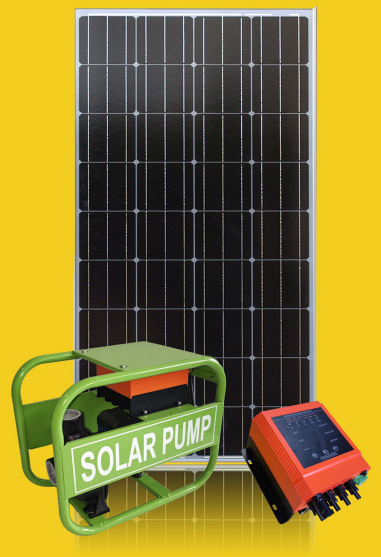
Solar Surface Centrifugal Pumps /太阳能离心地面泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	SOLAR PANEL	
	W	HP	RATED	RANGE				PV VOC	PV MAX
CPM6/30-D48/550	550	0.7	48Vdc	32-100Vdc	30m	6m3/h	1''	<100V	>1.3*Pump Power
CPM21/14-D72/750	750	1	72Vdc	60-220Vdc	14m	21m3/h	2''	<220V	
CPM26/15-D120/1100	1100	1.5	120Vdc	60-220Vdc	15m	26m3/h	2''	<220V	
CPM26/15-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	15m	26m3/h	2''	<400V	
CPM50/17-D120/1500	1500	2	120Vdc	60-220Vdc	17m	50m3/h	2''	<220V	
CPM50/17-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	17m	50m3/h	2''	<400V	
CPM60/25-D300/2200	2200	3	300Vdc	120-400Vdc	25m	60m3/h	3''	<400V	
CPM60/25-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	25m	60m3/h	3''	<400V	
CPM70/20-D300/2200	2200	3	300Vdc	120-400Vdc	20m	70m3/h	4''	<400V	
CPM70/20-AD220/2200 (ACDC)	2200	3	300VDC 220VAC	120-400VDC 110-240VAC	20m	70m3/h	4''	<400V	

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	3	6	9	12	15	18	24	30
CPM6/30-D48/550	FLOW (m^3/h)	6.9	6.7	6.1	5.8	4.9	4.5	3.8	2	0
CPM21/14-D72/750		21	18.8	15.9	12.1	8	0			
CPM26/15-D120/1100		26	23.5	19.8	14.9	8.5	0			
CPM26/15-AD192/1100 (ACDC)		26	23.5	19.8	14.9	8.5	0			
CPM50/17-D120/1500		50	45.2	38	29.7	20	10.6	0		
CPM50/17-AD192/1500 (ACDC)		50	45.2	38	29.7	20	10.6	0		
CPM60/25-D300/2200		60	50	40	30	24	16	10	0.3	
CPM60/25-AD220/2200 (ACDC)		60	50	40	30	24	16	10	0.3	
CPM70/20-D300/2200		70	54	48	36	27	18	6		
CPM70/20-AD220/2200 (ACDC)		70	54	48	36	27	18	6		



ISO CE RoHS SGS

KEY FEATURES

EC DRIVE DC brushless motors, designed for solar with over 90% efficiency;
Solar connects directly, without battery;
96%-99% MPPT maximise power use from PV modules;
Fast return on investment, Free-maintaining;
Strong ROI against diesel powered pumping reducing production costs and reducing carbon footprint;
Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 1 YEAR WARRANTY



JLP SERIES

太阳能游泳池泵

Solar Power Swimming Pool Pump

型号说明 Model Instruction

JLP17/15-D48/500

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 游泳池泵 Swimming Pool Pump

零件材质 Material of Parts

- 进水口 Inlet: 塑料 Plastic
- 出水口 Outlet: 塑料 Plastic
- 泵体 Pump: 塑料 Plastic
- 机筒 Motor Body: 压铸铝 Die-cast Aluminum
- 叶轮 Impeller: 塑料 Plastic
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁无刷直流电机
  Permanent Magnet Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/
  32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current









Solar Swimming Pool Pumps /太阳能泳池泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
JLP17/15-D48/500	500	0.7	48Vdc	32-100Vdc	15m	17m³/h	48/50mm	2m	<100V	>1.3*Pump Power
JLP21/19-D120/900	900	1.2	120Vdc	60-220Vdc	19m	21m³/h	48/50mm	2m	<220V	>1.3*Pump Power
JLP31/19-D120/1200	1200	1.6	120Vdc	60-220Vdc	19m	31m³/h	60/63mm	2m	<220V	>1.3*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	3.5	7.0	10.5	14	17.5	21.0	24.5	30.1
JLP17/15-D48/500	FLOW (m³/h)	17	15	12	7	5	2			
JLP21/19-D120/900		21	17	12	8	5	3			
JLP31/19-D120/1200		31	28	24	19	14	4			



ISO CE RoHS SGS

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WARRANTY 1 YEAR WARRANTY



AERATOR SERIES

太阳能浮水增氧机

Solar Floating Aerator

型号说明 Model Instruction

JFB40/6-96/1500(S)

- 增氧机功率 Aerator Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 浮水增氧机 Solar floating aerator



零件材质 Material of Parts

- 进水口 Inlet: 塑料 Plastic
- 出水口 Outlet: 塑料 Plastic
- 泵体 Pump: 塑料 Plastic
- 机筒 Motor Body: 压铸铝 Die-cast Aluminum
- 叶轮 Impeller: 塑料 Plastic
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/
  32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current







Solar Floating Aerator/太阳能浮水增氧机

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
JFB15/4.5-D36/370	370	0.5	48Vdc	32-100Vdc	15m	4.5m³/h	3''	2m	<100V	>1.3*Pump Power
JFB25/5-D48/750	750	1	48Vdc	32-100Vdc	25m	5m³/h	3''	2m	<100V	>1.3*Pump Power
JFB30/7-D72/1100	1100	1.5	72Vdc	60-220Vdc	30m	7m³/h	3''	2m	<220V	>1.3*Pump Power
JFB40/6-D110/1500	1500	2	110Vdc	60-220Vdc	40m	6m³/h	3''	2m	<220V	>1.3*Pump Power
JFB40/6-AD192/1500 (ACDC)	1500	2	192VDC 220VAC	120-400VDC 110-240VAC	40m	6m³/h	3''	2m	<400V	>1.3*Pump Power



ISO CE RoHS SGS

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Fast and simple installation,direct replacement for an existing Submersible pump;
Smart modular design for simple and cost effective servicing;
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WARRANTY 1 YEAR WARRANTY



AERATOR SERIES

太阳能微孔增氧机

Solar Microporous Aerator

型号说明 Model Instruction

J339-D72/550

- 550 — 增氧机功率 Aerator Power
- 72 — 额定电压 Rated Voltage
- J339-D — 微孔增氧机 Solar Microporous Aerator

零件材质 Material of Parts

- 进水口 Inlet::不锈钢 Stainless Steel
- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢 Stainless Steel
- 螺丝 Screw: 不锈钢 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/3
  32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current







Solar Powered Air Blower /太阳能微孔增氧机

TECHNICAL DATA 技术参数

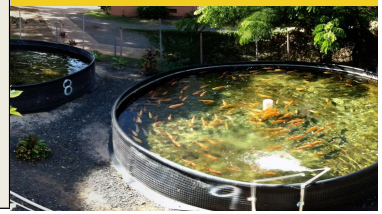
MODEL	POWER		VOLTAGE		MAX AIRFLOW	MAX VACUUM	NOISE	SOLAR PANEL	
	W	HP	RATED	RANGE				PV VOC	PV MAX
J319-36/370	370	0.5	36Vdc	18-60Vdc	80m3/h	-110Mbar	46dB(A)	<60V	>1.3*Pump Power
J339-72/550	550	0.7	72Vdc	60-220Vdc	120m3/h	-120Mbar	60dB(A)	<220V	>1.3*Pump Power
J419-110/1100	1100	1.5	110Vdc	60-220Vdc	140m3/h	-170Mbar	63dB(A)	<220V	>1.3*Pump Power
J419-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	140m3/h	-170Mbar	63dB(A)	<400V	>1.3*Pump Power



ISO CE RoHS SGS

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AERATOR SERIES

太阳能曝气机

Solar Aerator

型号说明 Model Instruction

SAY-48/750

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 类型 Type



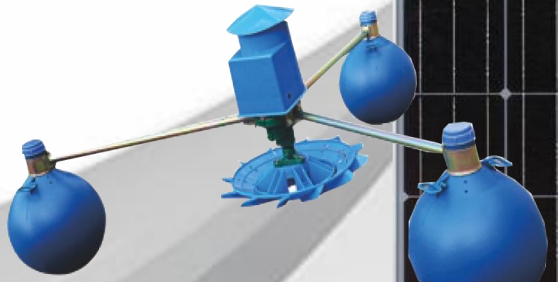




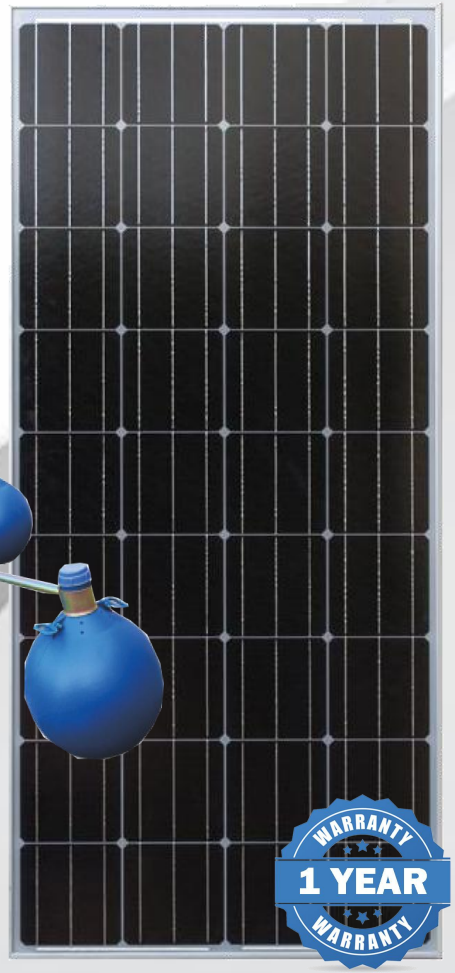
SAYA Series



SAYB Series



SAYC Series



AERATOR/太阳能曝气机

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		COVERAGE AREA	OXYGENATION ABILITY	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE				PV VOC	PV MAX
SAYA-D48/750	750	1.0	48VDC	32-100VDC	666-2000m^2	⩾1.1	2m	< 100V	> 1.3*Pump Power
SAYA-D110/1500	1500	2.0	96VDC	60-220VDC	2000-4000m^2	⩾2.3	2m	< 220V	> 1.3*Pump Power
SAYA-AD220/2200	2200	3.0	300VDC 220VAC	120-400VDC 110-240VAC	2665-5328m^2	⩾3.4	2m	< 400V	> 1.3*Pump Power
SAYB2-D48/750	750	1.0	48VDC	32-100VDC	666-3330m^2	⩾1.1	2m	< 100V	> 1.3*Pump Power
SAYB4-D110/1500	1500	2.0	96VDC	60-220VDC	2000-6660m^2	⩾1.9	2m	< 220V	> 1.3*Pump Power
SAYB6-AD300/2200	2200	3.0	300VDC 220VAC	120-400VDC 110-240VAC	2665-8000m^2	⩾2.0	2m	< 400V	> 1.3*Pump Power
SAYC-D48/750	750	1.0	48VDC	32-100VDC	666-2000m^2	⩾1.1	2m	< 100V	> 1.3*Pump Power
SAYC-D72/1100	1100	1.5	72VDC	60-220VDC	2000-2665m^2	⩾1.1	2m	< 220V	> 1.3*Pump Power
SAYC-D110/1500	1500	2.0	96VDC	60-220VDC	2000-4000m^2	⩾1.1	2m	< 220V	> 1.3*Pump Power
SAYC-AD220/2200	2200	3.0	300VDC 220VAC	120-400VDC 110-240VAC	2665-5328m^2	⩾1.1	2m	< 400V	> 1.3*Pump Power

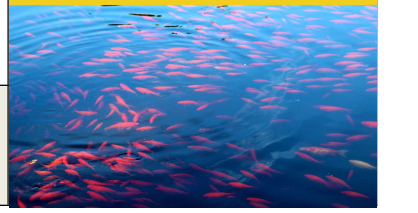


ISO CE RoHS SGS

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High quality non corrodible materials used throughout, Cast stainless steel components;

WARRANTY 1 YEAR WARRANTY



JET SERIES

太阳能喷射增压泵

Solar Booster pump

型号说明 Model Instruction

JET4.0/75-AD192/1100

- 喷射泵功率 Booster Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 喷射增压泵 JET Pumps

零件材质 Material of Parts

- 进水口 Inlet::不锈钢 Stainless Steel
- 出水口 Outlet: 不锈钢 Stainless Steel
- 机筒 Motor Body: 压铸铝 Die-cast Aluminum
- 叶轮 Impeller: 黄铜 Brass
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁直流无刷电机
  Brushless DC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/
  32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

其他 Others

- 最大吸程 Max suction: 8m







Solar JET Pump /太阳能喷射泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	W	HP	RATED	RANGE					PV VOC	PV MAX
JET4.0/40-D72/750	750	0.5	72Vdc	60-220Vdc	40m	4.0m³/h	1''	2m	<220V	>1.3*Pump Power
JET4.0/75-D110/1100	1100	1.5	110Vdc	60-220Vdc	75m	4.0m³/h	1''	2m	<220V	>1.3*Pump Power
JET4.0/75-AD192/1100 (ACDC)	1100	1.5	192VDC 220VAC	120-400VDC 110-240VAC	75m	4.0m³/h	1''	2m	<400V	>1.3*Pump Power
JET4.0/100-D220/2200	2200	3.0	220Vdc	120-400VDC	100m	4.0m³/h	1''	2m	<220V	>1.3*Pump Power
JET4.0/100-AD220/2200(ACDC)	1500	3.0	300VDC 220VAC	120-400VDC 110-240VAC	100m	4.0m³/h	1''	2m	<220V	>1.3*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	5	10	15	20	25	30	35	40	45	55	65	75	80	85	90	95	100
JET4.0/40-D72/750	FLOW (m³/h)	4.0	3.6	3.1	2.6	2.1	16	1.1	0.4	0									
JET4.0/75-D110/1100		4.0	3.7	3.3	2.9	2.7	2.4	2.1	1.8	1.5	1.4	1.0	0.3	0					
JET4.0/75-AD192/1100 (ACDC)		4.0	3.7	3.3	2.9	2.7	2.4	2.1	1.8	1.5	1.4	1.0	0.3	0					
JET4.0/100-D220/2200		4.0	3.8	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	2.1	1.9	1.7	1.3	1.0	0.6	0.2	0
JET4.0/100-AD220/2200(ACDC)		4.0	3.8	3.5	3.3	3.1	2.9	2.7	2.5	2.2	2.0	2.1	1.9	1.7	1.3	1.0	0.6	0.2	0



ISO CE RoHS SGS

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Smart modular design for simple and cost effective servicing;
High quality non corrodible materials used throughout, Cast stainless steel components;



DRAINAGE SERIES

太阳能排水泵
Solar Drainage Pumps

型号说明 Model Instruction

100SSQC65/10-AD220/2200

- 水泵功率 Pump Power
- 额定电压 Rated Voltage
- 最大扬程 Max Head
- 最大流量 Max Flow
- 排水泵 Drainage Pump
- 出水口尺寸 Outlet









零件材质 Material of Parts

- 出水口 Outlet: 不锈钢 Stainless Steel
- 泵体/机筒 Pump/Motor Body: 不锈钢 Stainless Steel
- 叶轮 Impeller: 不锈钢 Stainless Steel
- 螺丝 Screw: 304 不锈钢 304 Stainless Steel
- 电机 Motor: 永磁交流电机
  Permanent Magnet AC Motor
- 控制器 Controller: 太阳能电池最大功率点跟踪/32 位 MCU/矢量控制/正弦波电流
  MPPT/32bit MCU/FOC/Sine Wave Current

Solar ACDC Drainage Pumps /太阳能交直流排水泵

TECHNICAL DATA 技术参数

MODEL	POWER		VOLTAGE		MAX HEAD	MAX FLOW	OUTLET	CABLE	SOLAR PANEL	
	KW	HP	RATED	RANGE					PV VOC	PV MAX
100SSQC65/10-AD220/2200	2.2	3	220VDC 220VAC	120-400VDC 110-240VAC	10m	65m³/h	100mm	12m	< 400V	>1.3*Pump Power
150SSQC255/8-AD380/4.5KW	4.5	6	540VDC 380VAC	350-750VDC 360- 460VAC	8m	255m³/h	150mm	12m	< 750V	>1.3*Pump Power
150SSQ C315/12-AD380/7.5KW	7.5	10	540VDC 380VAC	350-750VDC 360- 460VAC	12m	315m³/h	150mm	12m	< 750V	>1.3*Pump Power
200SSQC420/14-AD380/15KW	15	20	540VDC 380VAC	350-750VDC 360- 460VAC	14m	420m³/h	200mm	12m	< 750V	>1.3*Pump Power

PERFORMANCE CHART 性能参数

MODEL	HEAD (m)	0	1	2	3	4	5	6	7	8	9	10	12	14
100SSQC65/10-AD220/2200	FLOW (m³/h)	65.2	58.4	51.9	44.8	37.3	30.3	20.1	12.5	8.2	4.1	0		
150SSQC255/8-AD380/4.5KW		256.2	255.7	255.2	238.1	1.0	219.9	117.8	141.8	0				
150SSQC315/12-AD380/7.5KW		316.5	316.1	315.7	315.2	314.7	1.1	281.5	256.7	195.4	176.1	0		
200SSQC420/14-AD380/15KW		422.8	422.1	421.7	421.4	420.8	420.4	420	399.5	1.0	350.6	321	150	0



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