

Agriculture and animal husbandry water supply
农牧业供水系统

The system is mainly composed of solar panels, water pump, solar pump controller, reservoirs and micro-irrigation systems. The system uses solar energy to drive the water pump to meet the needs of the pastures and animals. It does not need to use the city power, diesel generators or batteries, and replace the energy storage with water storage. The whole system is fully automated, maintenance-free, economical and environmentally friendly, and fast cost recovery.

系统主要由太阳能组件、水泵、太阳能水泵控制器、蓄水池及微灌系统组成。该系统利用太阳能来驱动水泵提水，来满足牧场的动植物用水需求，无须使用市电、柴油发电机、蓄电池，用储水代替储能，整套系统全自动化,免维护,经济环保，成本回收快。



4寸太阳能塑料叶轮潜水泵
4INCH CENTRIFUGAL SOLAR SUBMERSIBLE PUMP
(NYLON IMPELLER)

Free Parts 免费配件



Model Description 型号说明

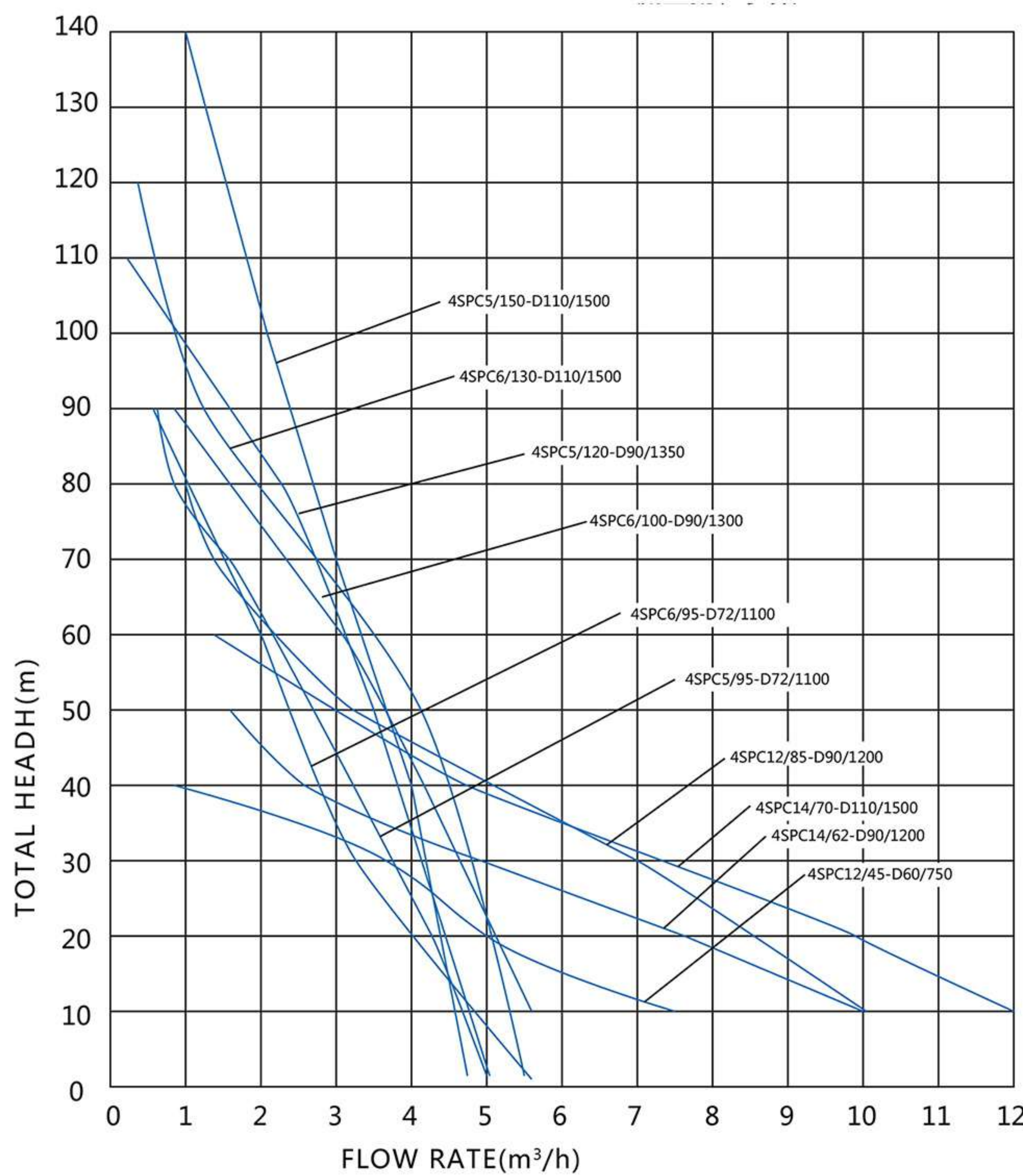
4SPC5/95-D72/1100

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

Material of Parts 零件材质

- Outlet 出水口:Brass 黄铜
- Pump Body 泵体:304 Stainless Steel
- Motor Body 机筒:304 Stainless Steel
- Bearing 轴承:NSK
- Impeller 叶轮:Reinforced Nylon 工程塑料
- Screw 螺丝:316 Stainless Steel
- Motor 电机:Full Oil Permanent Magnet Brushless DC Motor (Without Hall)
- 充油式永磁无刷直流电机（无霍尔）
- Controller 控制器:32bit MCU / FOC / Sine Wave Current / MPPT
- 32位MUC / 矢量控制 / 正弦波电流 / 太阳能最大功率点跟踪

Curve



Performance Chart 流量扬程参数

MODEL 型号	HEAD 扬程 Mtrs.	1	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
4SPC12/45-D60/750	FLOW 流量 m³/hr		7.5	5	3.72	0.8											
4SPC14/62-D90/1200			10.1	7.77	4.92	2.79	1.57	0									
4SPC14/70-D110/1500			12.1	9.85	7.32	4.87	2.73	1.39	0								
4SPC12/85-D90/1200			10.1	8.55	6.95	4.87	3.24	2.23	1.43	1							
4SPC5/95-D72/1100		5.07	4.85	4.41	3.84	3.34	2.72	2.12	1.65	0.92	0.58						
4SPC6/95-D72/1100		5.61	5.11	4.18	3.31	2.43	2.21	2	1.51	0.79	0.56						
4SPC6/100-D90/1300			5.65	5.23	4.84	4.33	3.72	3.1	2.51	1.65	0.94	0					
4SPC5/120-D90/1350		5.17	4.91	4.87	4.45	4.03	3.55	3.08	2.49	2.33	1.41	0.73	0.28	0			
4SPC6/130-D110/1500		5.53	5.48	5.39	5.07	4.67	4.19	3.75	3.29	2.89	2.32	1.78	1.06	0.45	0		
4SPC5/150-D110/1500		4.86	4.79	4.71	4.45	4.14	3.76	3.41	3.05	2.73	2.38	2.14	1.73	1.55	1.36	1.04	0

Technical Details 水泵技术参数

MODEL 型号	POWER 功率		Voltage 电压	Voltage Range 电压范围	Max Flow 最大流量	Max Head 最大扬程	Outlet 出水口	Outline 外径
4SPC12/45-D60/750	750 W	1.0 HP	60 VDC	30~80 VDC	12 m³/hr	45 Mtrs.	1.5 inch	4 inch
4SPC14/62-D90/1200	1200 W	1.6 HP	90 VDC	30~132 VDC	14 m³/hr	62 Mtrs.	2 inch	4 inch
4SPC14/70-D110/1500	1500 W	2.0 HP	110 VDC	30~140 VDC	14 m³/hr	70 Mtrs.	2 inch	4 inch
4SPC12/85-D90/1200	1200 W	1.6 HP	90 VDC	30~132 VDC	12 m³/hr	85 Mtrs.	1.5 inch	4 inch
4SPC5/95-D72/1100	1100 W	1.5 HP	72 VDC	30~100 VDC	5 m³/hr	95 Mtrs.	1.25 inch	4 inch
4SPC6/95-D72/1100	1100 W	1.5 HP	72 VDC	30~100 VDC	6 m³/hr	95 Mtrs.	1.25 inch	4 inch
4SPC6/100-D90/1300	1300 W	1.7 HP	90 VDC	30~132 VDC	6 m³/hr	100 Mtrs.	1.25 inch	4 inch
4SPC5/120-D90/1350	1350 W	1.8 HP	90 VDC	30~132 VDC	5 m³/hr	120 Mtrs.	1.25 inch	4 inch
4SPC6/130-D110/1500	1500 W	2.0 HP	110 VDC	30~140 VDC	6 m³/hr	130 Mtrs.	1.25 inch	4 inch
4SPC5/150-D110/1500	1500 W	2.0 HP	110 VDC	30~140 VDC	5 m³/hr	150 Mtrs.	1.25 inch	4 inch