

Living Water Supply
生活供水系统

The system is mainly composed of solar panels, water pump, solar pump controller, reservoir and water equipment pipelines. The system pumps water to meet the daily water needs of households (optional water purification device) using solar power. No need to use city power or diesel generators. It replaces eneryg storage with water storage. Especially suitable for areas lacking water and electricity.

系统主要由太阳能组件、水泵、太阳能水泵控制器、蓄水池及用水设备管道组成。该系统利用太阳能驱动水泵提水，来满足家庭的日常生活用水需求(可选配净水装置),无须使用市电或柴油发电机，用储水代替储能，尤其适用于缺水缺电地区。



Free Parts 免费配件



Model Description 型号说明

3SPC3.6/26-D24/400

- 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
- 3inch Outline 水泵外径

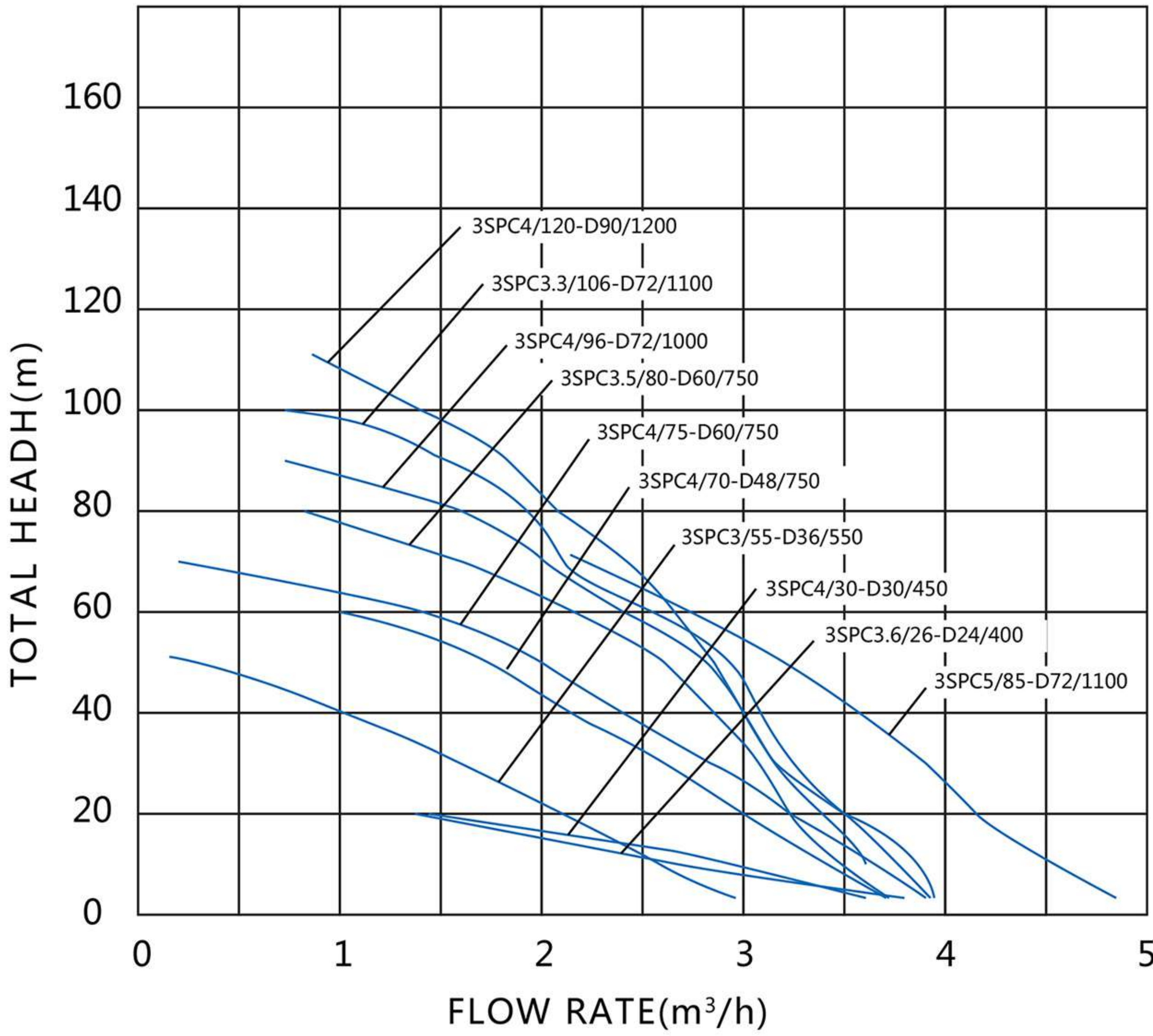
Material of Parts 零件材质

- 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

3寸太阳能塑料叶轮潜水泵
3INCH CENTRIFUGAL SOLAR SUBMERSIBLE PUMP
(NYLON IMPELLER)

Curve

3INCH CENTRIFUGAL SOLAR SUBMERSIBLE PUMP (NYLON IMPELLER)



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
3SPC3.6/26-D24/400	FLOW 流量 m³/hr	3.6	2.63	1.47										
3SPC4/30-D30/450		3.8	2.71	1.46	0									
3SPC3/55-D36/550		2.98	2.57	2.15	1.68	1.06	0.26							
3SPC4/70-D48/750		3.71	3.41	3.02	2.58	2.22	1.69	1.02	0					
3SPC4/75-D60/750		3.88	3.6	3.3	2.87	2.45	2.05	1.45	0.34					
3SPC3.5/80-D60/750		3.76	3.56	3.32	3.12	2.84	2.52	2.13	1.64	0.81				
3SPC4/96-D72/1000		3.92	3.72	3.53	3.28	3.08	2.83	2.45	2.04	1.57	0.71			
3SPC3.3/106-D72/1100		3.91	3.75	3.49	3.26	3.05	2.86	2.56	2.27	1.91	1.46	0.72	0	
3SPC4/120-D90/1200			3.63	3.41	3.16	2.98	2.84	2.63	2.39	2.12	1.81	1.42	0.79	
3SPC5/85-D72/1100		4.86	4.56	4.24	3.93	3.54	3.14	2.65	2.09					

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
3SPC3.6/26-D24/400	400 W	0.5 HP	24 VDC	17~50 VDC	3.6 m³/hr	26 Mtrs.	1 inch	3 inch
3SPC4/30-D30/450	450 W	0.6 HP	30 VDC	17~50 VDC	4.0 m³/hr	30 Mtrs	1 inch	3 inch
3SPC3/55-D36/550	550 W	0.7 HP	36 VDC	20~68 VDC	3.0 m³/hr	55 Mtrs	1 inch	3 inch
3SPC4/70-D48/750	750 W	1.0 HP	48 VDC	30~80 VDC	4.0 m³/hr	70 Mtrs	1 inch	3 inch
3SPC4/75-D60/750	750 W	1.0 HP	60 VDC	30~80 VDC	4.0 m³/hr	75 Mtrs	1 inch	3 inch
3SPC3.5/80-D60/750	750 W	1.0 HP	60 VDC	30~80 VDC	3.5 m³/hr	80 Mtrs	1 inch	3 inch
3SPC4/96-D72/1000	1100 W	1.5 HP	72 VDC	30~100 VDC	4.0 m³/hr	96 Mtrs	1 inch	3 inch
3SPC3.3/106-D72/1100	1100 W	1.5 HP	72 VDC	30~100 VDC	3.3 m³/hr	106 Mtrs	1 inch	3 inch
3SPC4/120-D90/1200	1200 W	1.6 HP	90 VDC	30~132 VDC	4.0 m³/hr	120 Mtrs	1 inch	3 inch
3SPC5/85-D72/1100	1100 W	1.5 HP	72 VDC	30~100 VDC	5.0 m³/hr	85 Mtrs	1.25 inch	3 inch