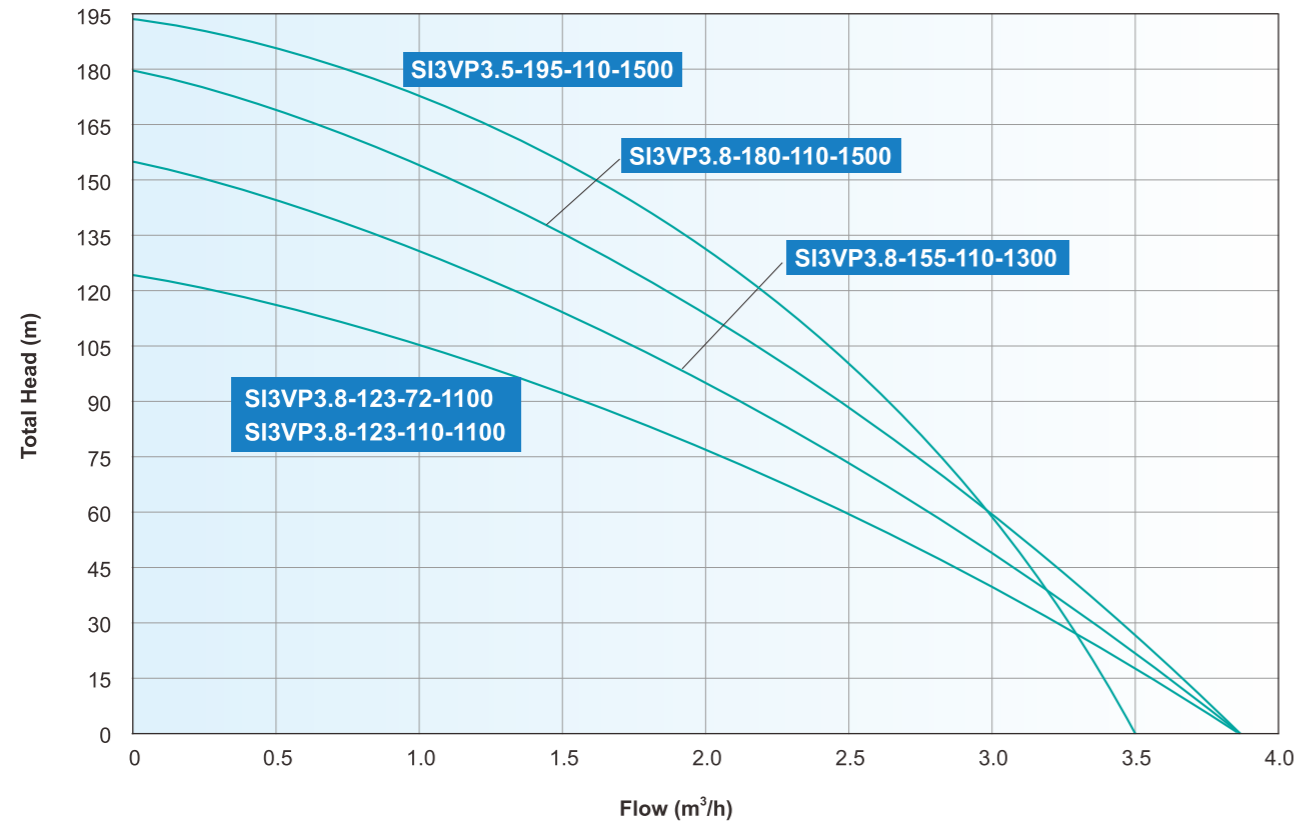


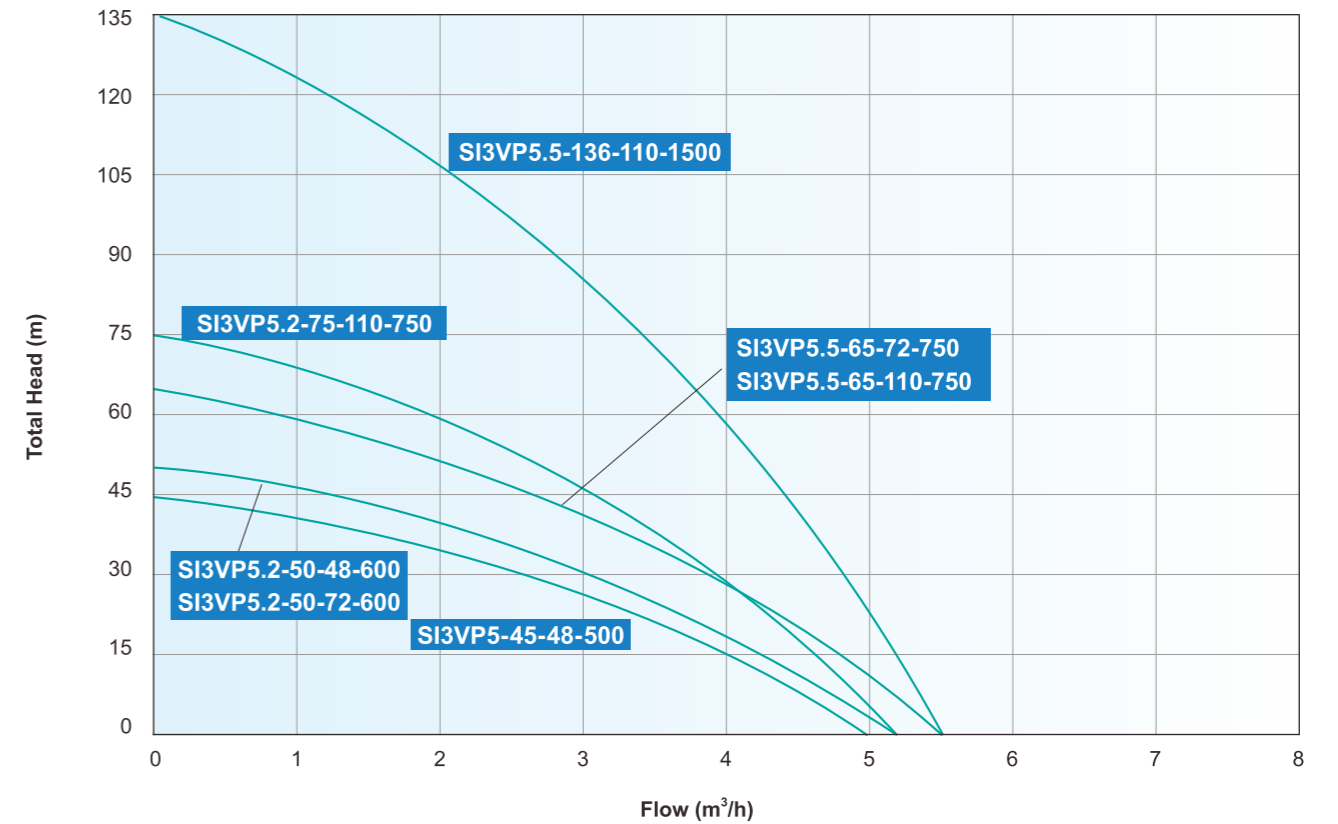
3" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI3VP3.8-123-72-1100	1100	72	90-120	3.8	123	1¼"	2	< 160	≥1.3*Pump Power
SI3VP3.8-123-110-1100	1100	110	110-150	3.8	123	1¼"	2	< 210	≥1.3*Pump Power
SI3VP3.8-155-110-1300	1300	110	110-150	3.8	155	1¼"	2	< 210	≥1.3*Pump Power
SI3VP3.8-180-110-1500	1500	110	110-150	3.8	180	1¼"	2	< 210	≥1.3*Pump Power
SI3VP3.5-195-110-1500	1500	110	110-150	3.5	195	1¼"	2	< 210	≥1.3*Pump Power

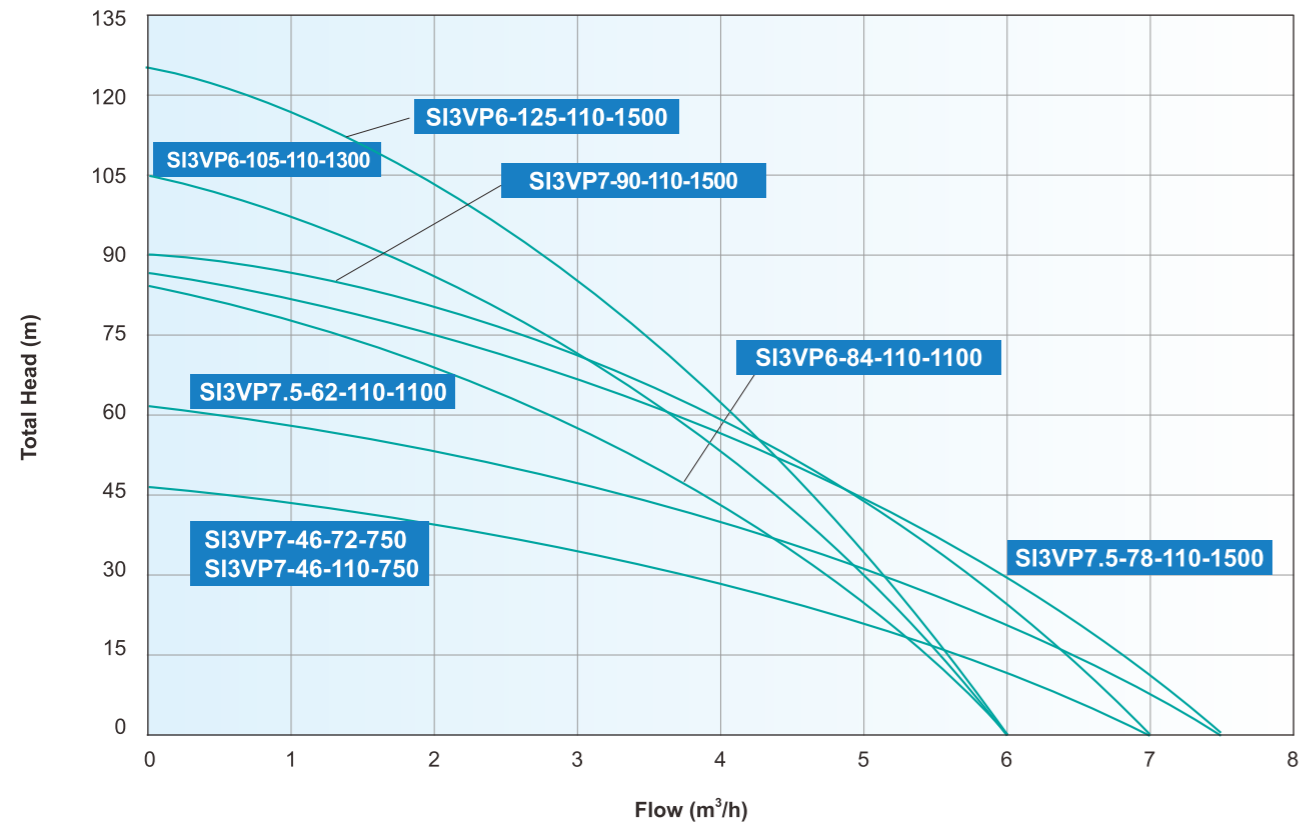
3" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI3VP5-45-48-500	500	48	60-90	5	45	1½"	2	< 105	≥1.3*Pump Power
SI3VP5.2-50-48-600	600	48	60-90	5.2	50	1½"	2	< 105	≥1.3*Pump Power
SI3VP5.2-50-72-600	600	72	90-120	5.2	50	1½"	2	< 160	≥1.3*Pump Power
SI3VP5.2-75-110-750	750	110	110-150	5.2	75	1½"	2	< 210	≥1.3*Pump Power
SI3VP5.5-65-72-750	750	72	90-120	5.5	65	1½"	2	< 160	≥1.3*Pump Power
SI3VP5.5-65-110-750	750	110	110-150	5.5	65	1½"	2	< 210	≥1.3*Pump Power
SI3VP5.5-136-110-1500	1500	110	110-150	5.5	136	1½"	2	< 210	≥1.3*Pump Power

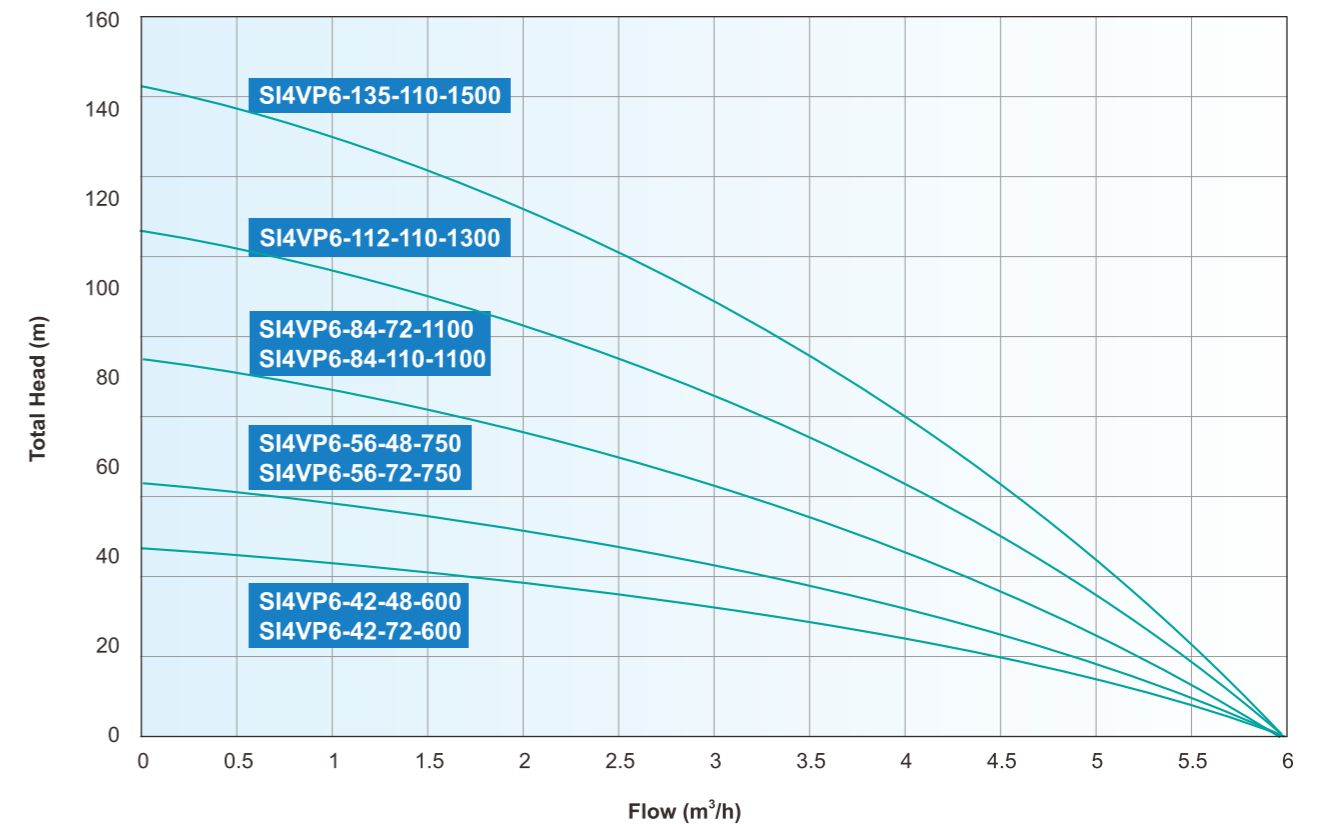
3" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI3VP6-84-110-1100	1100	110	110-150	6	84	1½"	2	< 210	≥1.3*Pump Power
SI3VP6-105-110-1300	1300	110	110-150	6	105	1½"	2	< 210	≥1.3*Pump Power
SI3VP6-125-110-1500	1500	110	110-150	6	125	1½"	2	< 210	≥1.3*Pump Power
SI3VP7-46-72-750	750	72	90-120	7	46	1½"	2	< 160	≥1.3*Pump Power
SI3VP7-46-110-750	750	110	110-150	7	46	1½"	2	< 210	≥1.3*Pump Power
SI3VP7.5-62-110-1100	1100	110	110-150	7.5	62	1½"	2	< 210	≥1.3*Pump Power
SI3VP7.5-78-110-1500	1500	110	110-150	7.5	78	1½"	2	< 210	≥1.3*Pump Power
SI3VP7-90-110-1500	1500	110	110-150	7	90	1½"	2	< 210	≥1.3*Pump Power

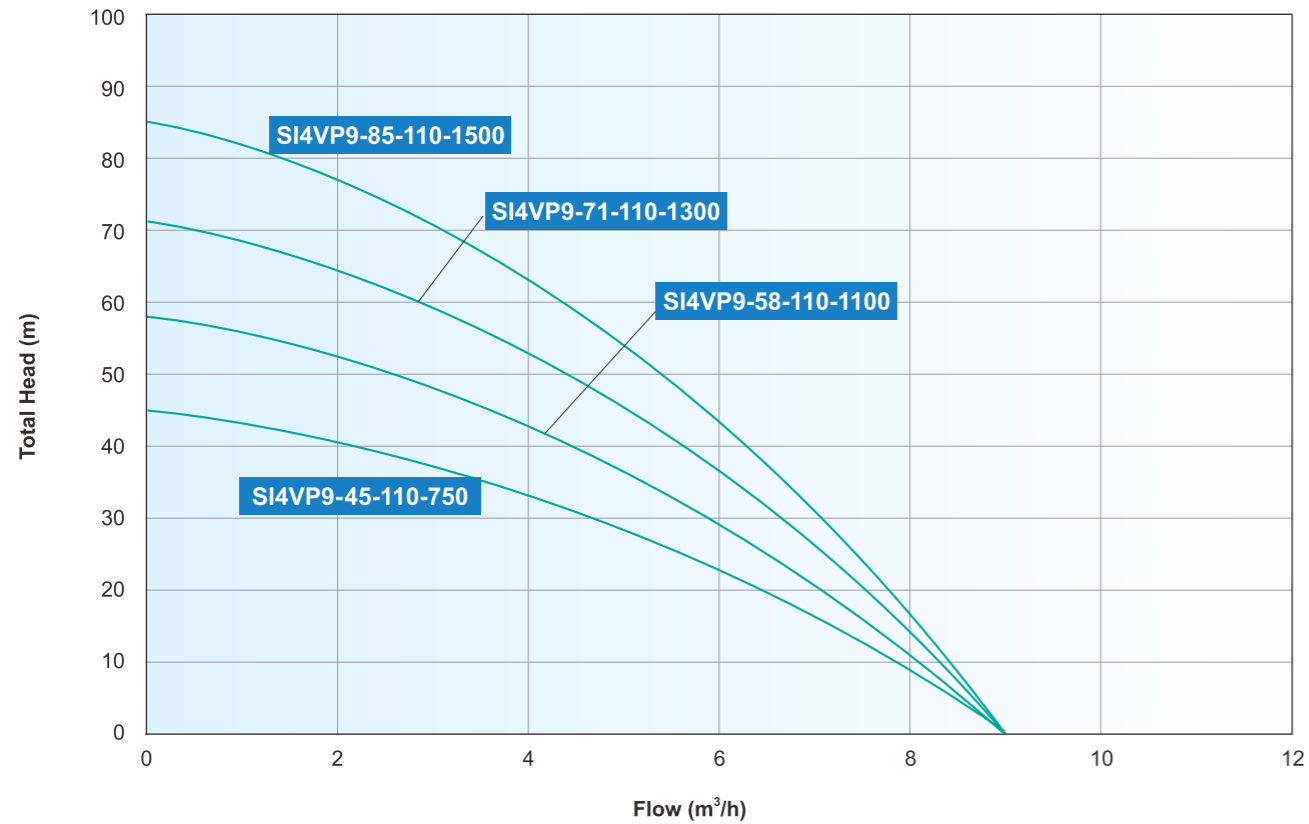
4" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI4VP6-42-48-600	600	48	60-90	6	42	1¼"	2	< 105	≥1.3*Pump Power
SI4VP6-42-72-600	600	72	90-120	6	42	1¼"	2	< 160	≥1.3*Pump Power
SI4VP6-56-48-750	750	48	60-90	6	56	1¼"	2	< 105	≥1.3*Pump Power
SI4VP6-56-72-750	750	72	90-120	6	56	1¼"	2	< 160	≥1.3*Pump Power
SI4VP6-84-72-1100	1100	72	90-120	6	84	1¼"	2	< 160	≥1.3*Pump Power
SI4VP6-84-110-1100	1100	110	110-150	6	84	1¼"	2	< 210	≥1.3*Pump Power
SI4VP6-112-110-1300	1300	110	110-150	6	112	1¼"	2	< 210	≥1.3*Pump Power
SI4VP6-135-110-1500	1500	110	110-150	6	135	1¼"	2	< 210	≥1.3*Pump Power

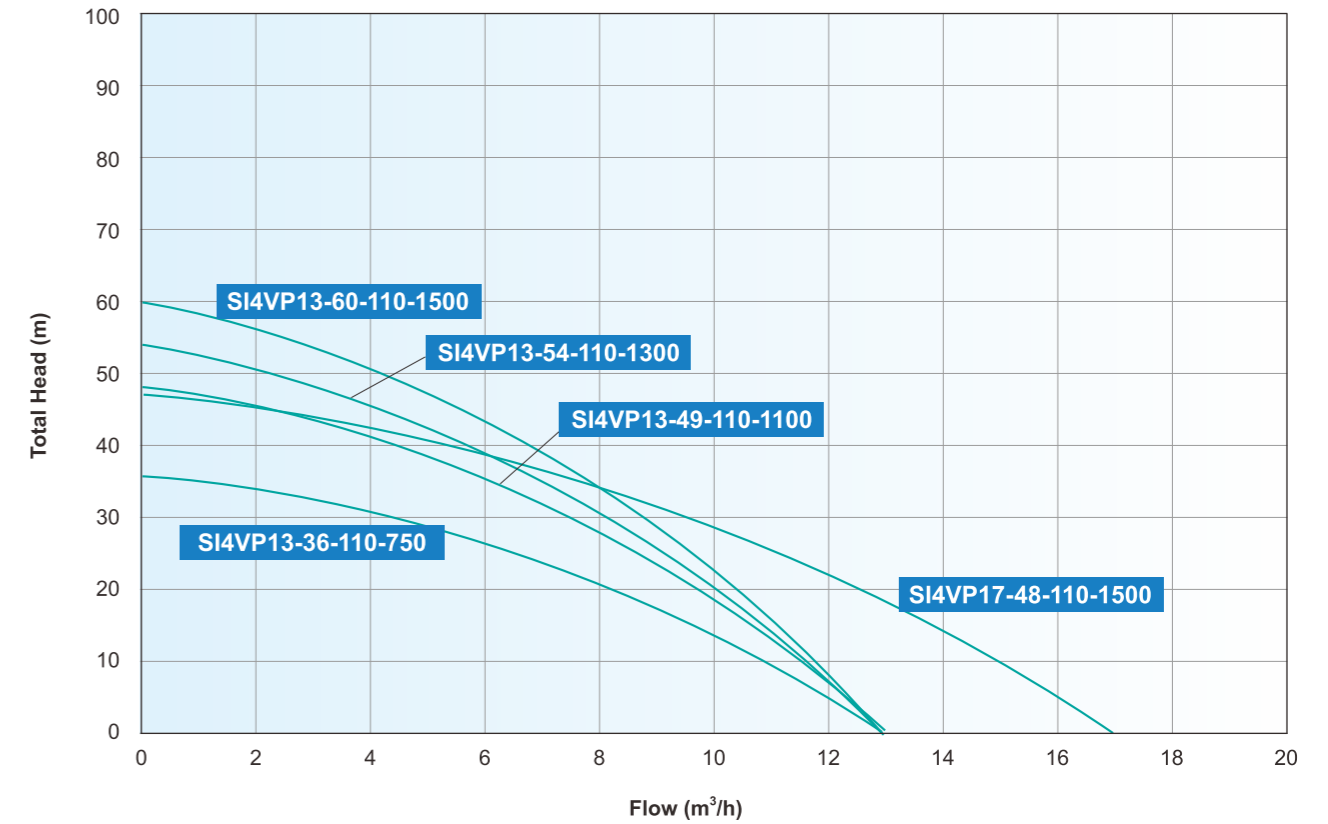
4" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI4VP9-45-110-750	750	110	110-150	9	45	2"	2	< 210	≥1.3*Pump Power
SI4VP9-58-110-1100	1100	110	110-150	9	58	2"	2	< 210	≥1.3*Pump Power
SI4VP9-71-110-1300	1300	110	110-150	9	71	2"	2	< 210	≥1.3*Pump Power
SI4VP9-85-110-1500	1500	110	110-150	9	85	2"	2	< 210	≥1.3*Pump Power

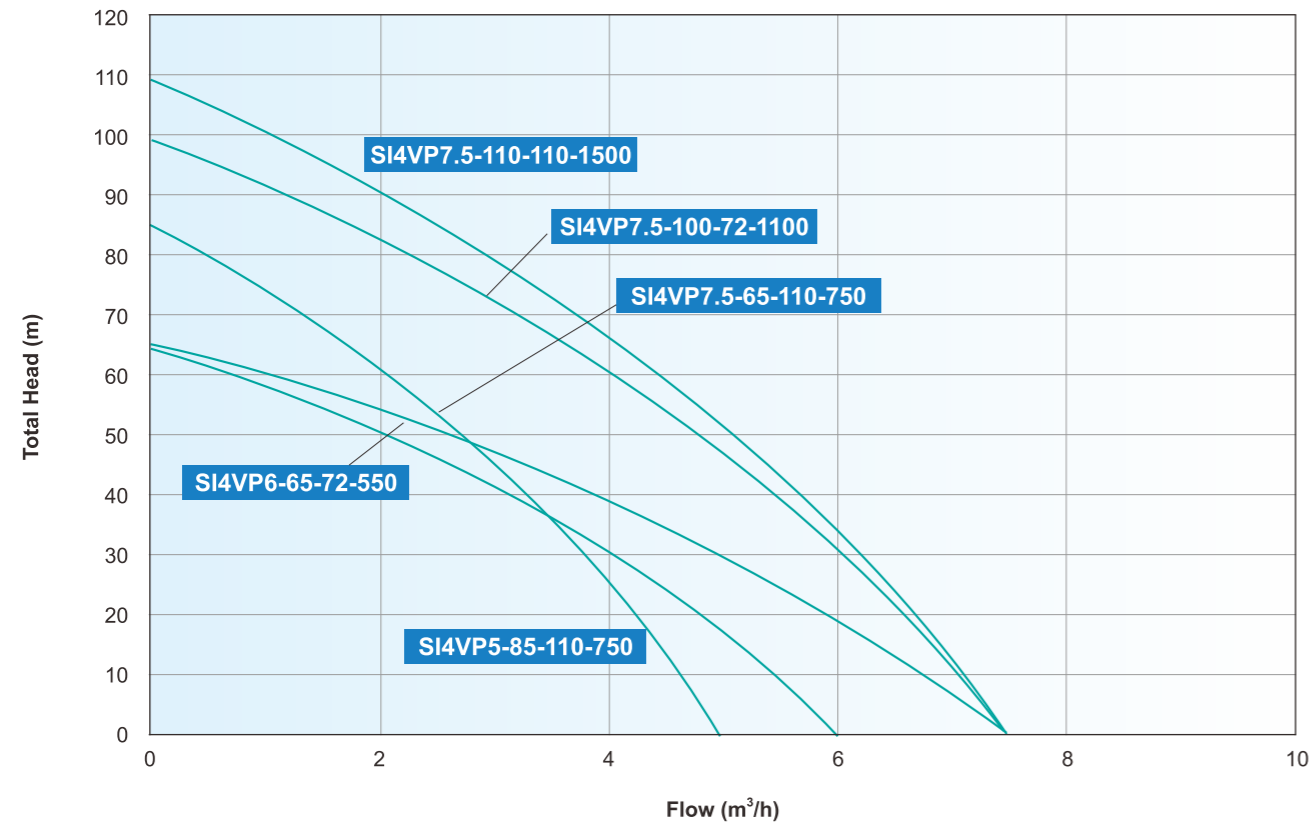
4" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI4VP13-36-110-750	750	110	110-150	13	36	2"	2	< 210	≥1.3*Pump Power
SI4VP13-49-110-1100	1100	110	110-150	13	49	2"	2	< 210	≥1.3*Pump Power
SI4VP13-54-110-1300	1300	110	110-150	13	54	2"	2	< 210	≥1.3*Pump Power
SI4VP13-60-110-1500	1500	110	110-150	13	60	2"	2	< 210	≥1.3*Pump Power
SI4VP17-48-110-1500	1500	110	110-150	17	48	2"	2	< 210	≥1.3*Pump Power

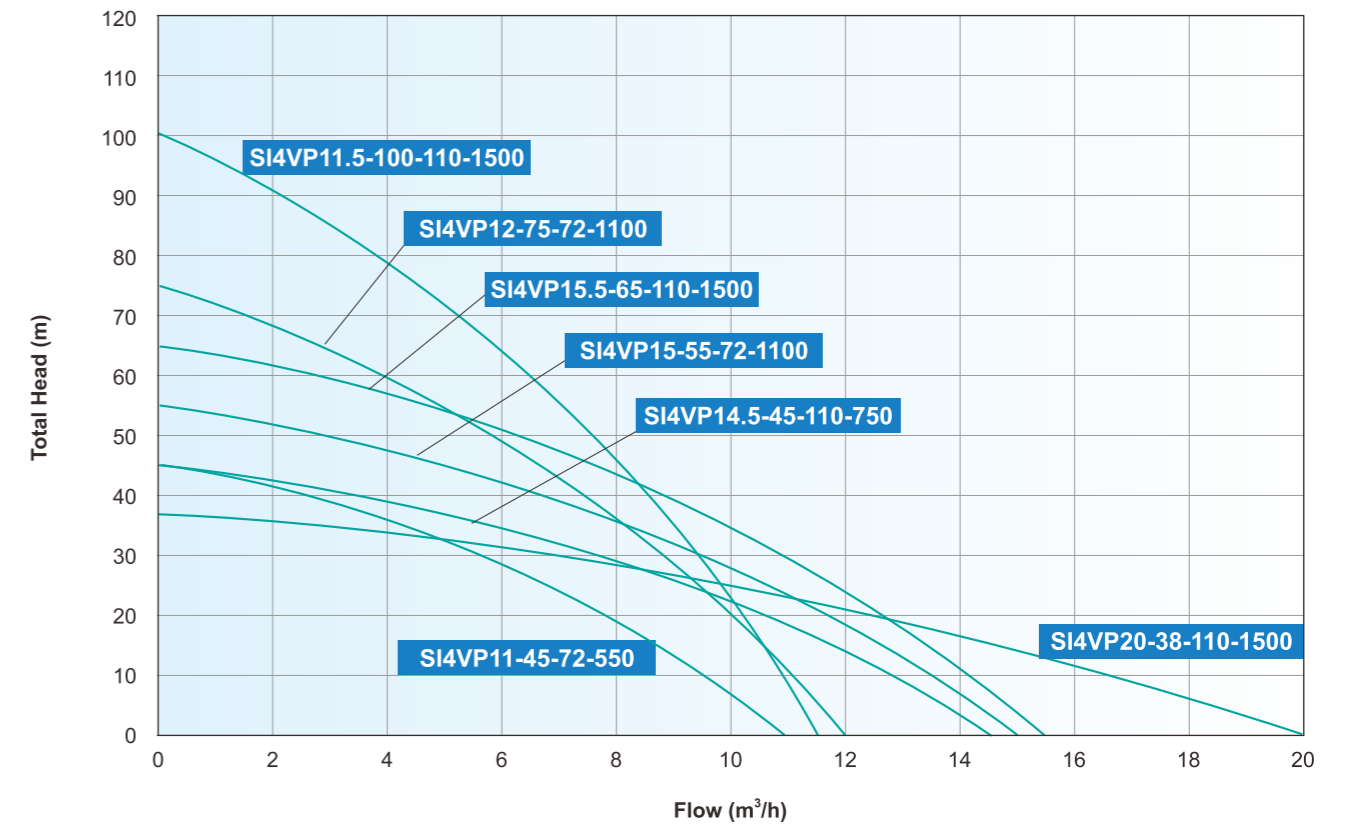
4" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI4VP5-85-110-750	750	110	110-150	5	85	2"	2	< 210	≥1.3*Pump Power
SI4VP6-65-72-550	550	72	90-120	6	65	2"	2	< 160	≥1.3*Pump Power
SI4VP7.5-65-110-750	750	110	110-150	7.5	65	2"	2	< 210	≥1.3*Pump Power
SI4VP7.5-100-72-1100	1100	72	90-120	7.5	100	2"	2	< 160	≥1.3*Pump Power
SI4VP7.5-110-110-1500	1500	110	110-150	7.5	110	2"	2	< 210	≥1.3*Pump Power

4" DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI4VP11-45-72-550	550	72	90-120	11	45	2"	2	< 160	≥1.3*Pump Power
SI4VP12-75-72-1100	1100	72	90-120	12	75	2"	2	< 160	≥1.3*Pump Power
SI4VP11.5-100-110-1500	1500	110	110-150	11.5	100	2"	2	< 210	≥1.3*Pump Power
SI4VP14.5-45-110-750	750	110	110-150	14.5	45	2"	2	< 210	≥1.3*Pump Power
SI4VP15-55-72-1100	1100	72	90-120	15	55	2"	2	< 160	≥1.3*Pump Power
SI4VP15.5-65-110-1500	1500	110	110-150	15.5	65	2"	2	< 210	≥1.3*Pump Power
SI4VP20-38-110-1500	1500	110	110-150	20	38	2"	2	< 210	≥1.3*Pump Power

SIVP AC/DC SOLAR PUMP WITH PLASTIC IMPELLER

Applications

- Agriculture irrigation, livestock feeding, Domestic water lifting
- Clear water supply from wells or reservoirs
- Off grid solar pumping system

Pump Features

- With MPPT AC/DC Controller
- Plastic Impeller and diffuser
- AISI304 oil chamber & outlet
- NSK Bearing
- High efficiency PMSM brushless motor (PMSM: Permanent Magnet Synchronous Motor)

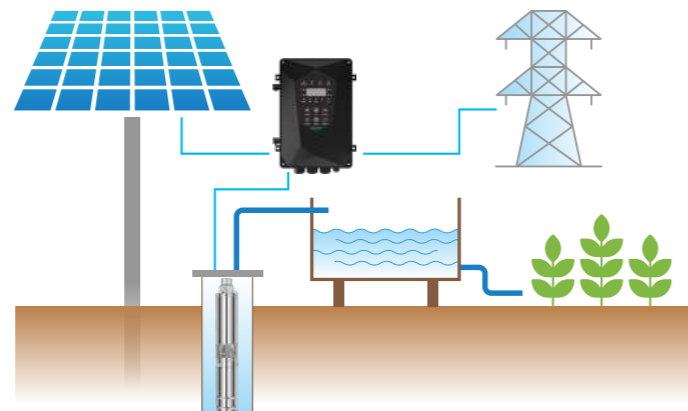
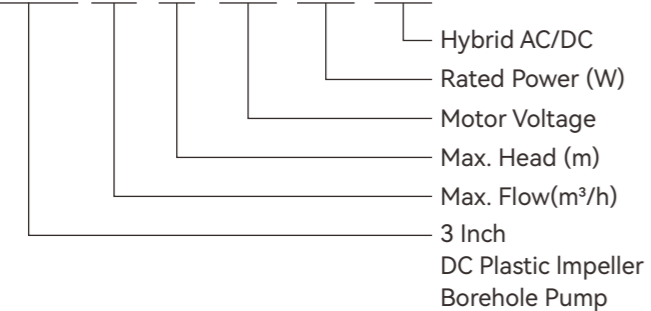
MPPT AC/DC Controller

- Can be used for both AC and DC power supply
- Protection class: IP55
- Ambient temperature:-15~60°C
- LED Displays working conditions & Fault code
- Auto Start & Stop
- Soft start & VFD function



Identification Codes

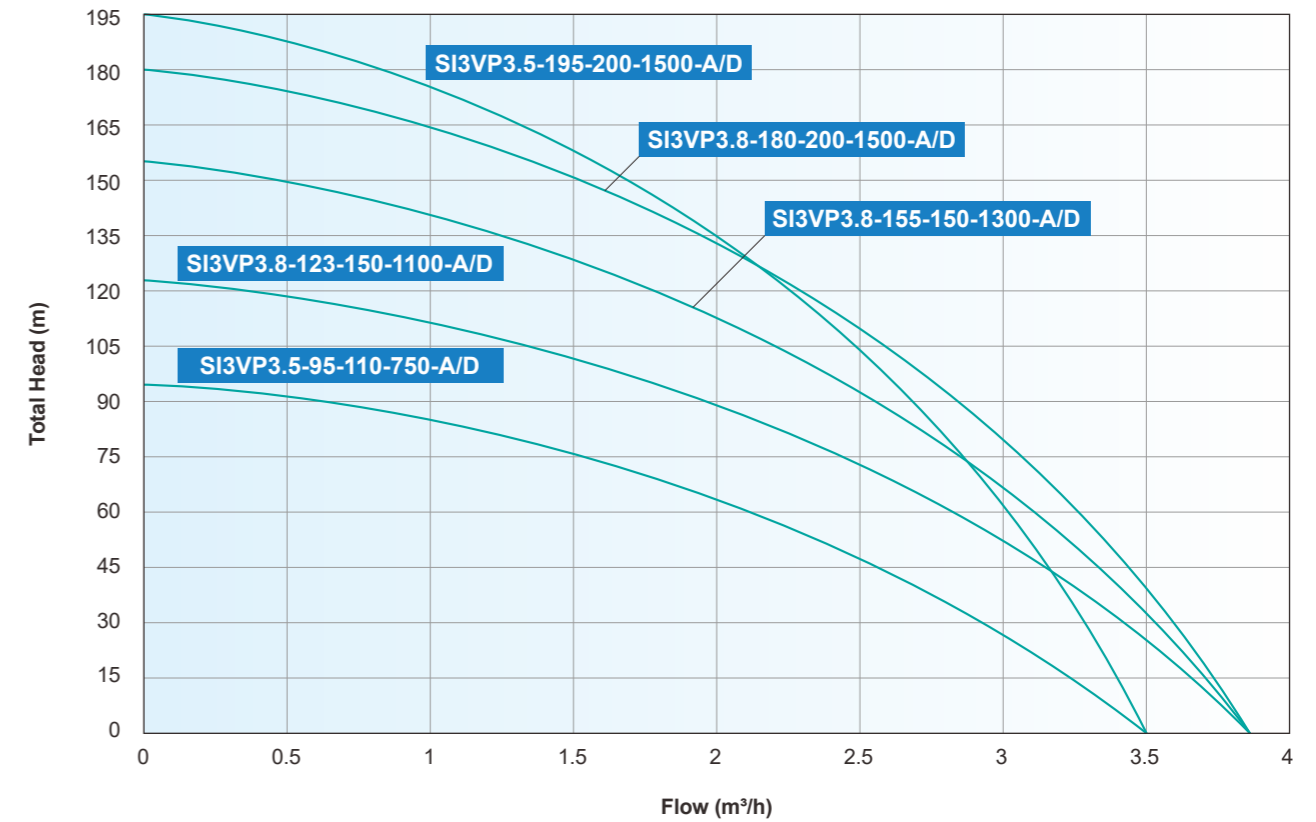
SI3VP 3.5-95-110-750-A/D



Free Spare Parts

Please refer to page 55 of this manual

3" Hybrid AC/DC Solar Pump with Plastic Impeller



Technical Data

Model	Power (W)	AC Voltage (V)	DC Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SI3VP3.5-95-110-750-A/D	750	80-280	90-430	3.5	95	1¼"	2	<430	≥1.3*Pump Power
SI3VP3.8-123-150-1100-A/D	1100	80-280	90-430	3.8	123	1¼"	2	<430	≥1.3*Pump Power
SI3VP3.8-155-150-1300-A/D	1300	80-280	90-430	3.8	155	1¼"	2	<430	≥1.3*Pump Power
SI3VP3.8-180-200-1500-A/D	1500	80-280	90-430	3.8	180	1¼"	2	<430	≥1.3*Pump Power
SI3VP3.5-195-200-1500-A/D	1500	80-280	90-430	3.5	195	1¼"	2	<430	≥1.3*Pump Power