

**VEICHI**

# Solar Water Pumping System



# SOLAR PUMPING SYSTEM LIGHTS UP THE FUTURE!

Keep your life free from the worry of water shortage, in remote areas where electricity infrastructure is lacking; allow you to cultivate more farmland and raise more livestock without worrying about drought; use solar power in managing your garden and pool, to create a green, comfortable and environmentally friendly low-carbon lifestyle.



Solar power brings people closer to nature, making life better!



# Solar Pump Inverter



## Features

- Plug & play, easy installation & low installation cost
- High efficiency with MPPT function
- Specially designed for solar pumping system
- Easy operation & Low maintenance cost
- Protection class: IP55

## Multi functions

- MPPT for higher solar power utilization rate
- Real time working condition on LED screen: output power, output voltage, current, pump speed and error code
- Auto frequency conversion: auto adjustment the speed/rpm according to solar power strength except for manual adjustment
- Auto On/Off (with float switch )
- Soft start: impulse current-free to protect pump motor.
- No water hammer to protect the whole plumbing system.
- Multi-protections: protection against dry-run, over-voltage , over-current, high-temperature (reduce rpm when the inner temperature reaches 79°C), and output phase loss.



Plug & play



MPPT



IP55



Cost Saving

## Working Environment and Electrical Property

Controller Model	Adaptable Pump Rated Voltage	Max.Input Current	Max.Open Circuit Voltage	MPPT Voltage Range	Working Temperature	Inverter Dimension	Net Weight
DC-12	12V	17A	48V	30-48V	-15~+60°C	23.8x18x9.5mm	1.5kg
DC-24	24V	17A	55V	30-48V			
DC-36	36V	17A	55V	30-48V			
DC-48	48V	17A	105V	60-90V			
DC-72	72V	17A	160V	90-120V			
DC-110	110V	17A	210V	110-150V			



Screw



NSK bearing



Stainless steel oil cylinder



## Applications

- Agriculture irrigation, livestock feeding, domestic watering
- Clean water supply from wells or reservoirs
- Off-grid solar pumping system

## Pump Features

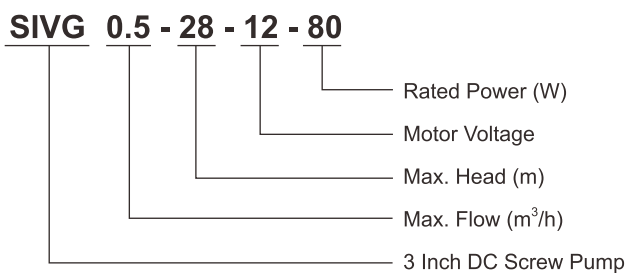
- MPPT DC controller
- Highly-precise AIS1304 screw with higher efficiency
- AIS1304 oil chamber and pump barrel
- NSK bearing
- Efficient PMSM brushless motor  
(PMSM: Permanent Magnet Synchronous Motor)

## MPPT DC Controller

- Protection class: IP55
- Ambient temperature: -15 ~ 60°C
- Working conditions & fault code on LED screen
- Auto Start & Stop
- Soft start & frequency conversion



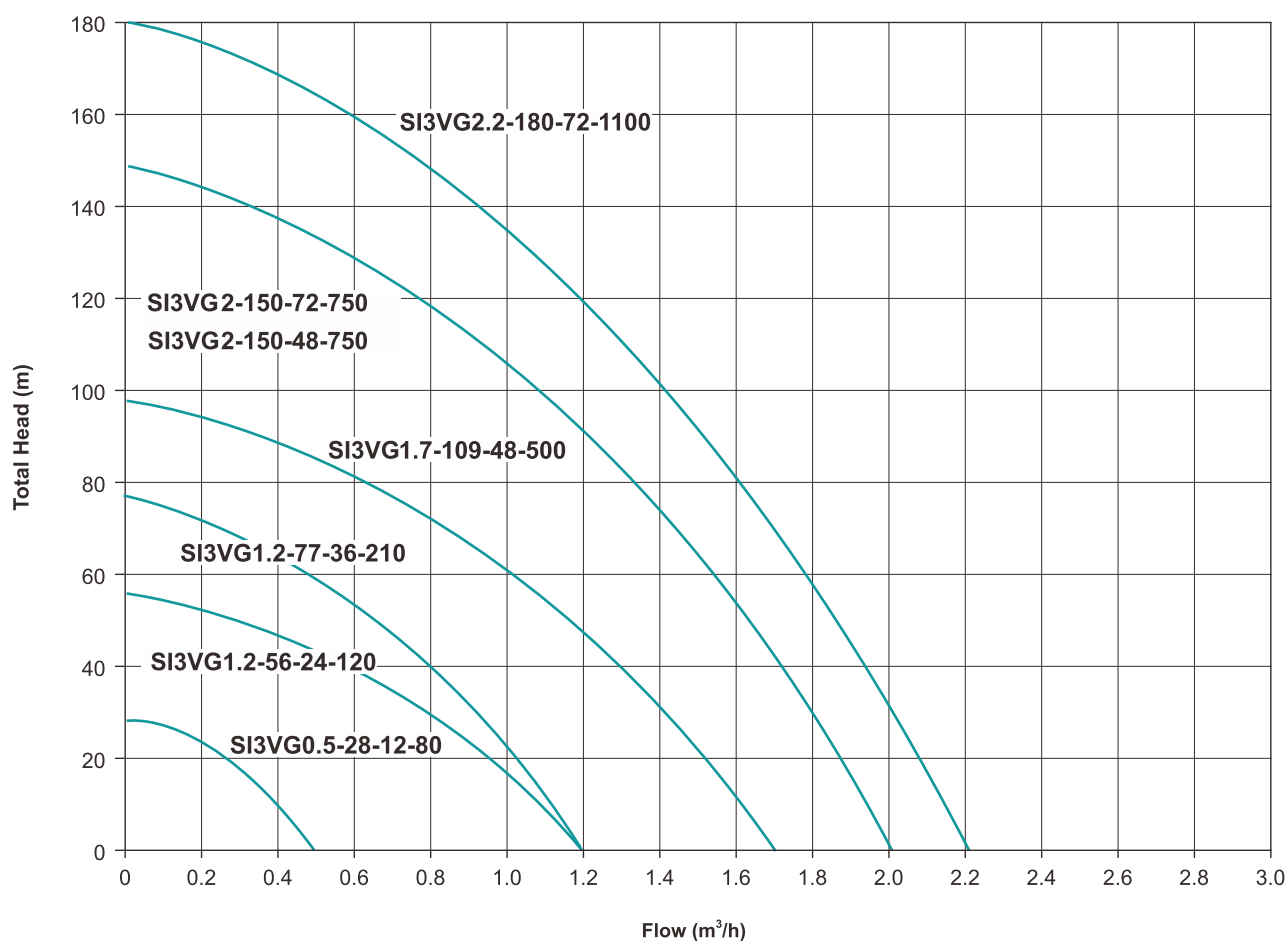
## Identification Codes



## FREE SPARE PARTS



## 3" DC Solar Screw Pump



## 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
SI3VG0.5-28-12-80	80	12	20-36	0.5	28	¾"	2	< 50	≥1.3*Pump Power
SI3VG1.2-56-24-120	120	24	30-48	1.2	56	¾"	2	< 55	≥1.3*Pump Power
SI3VG1.2-77-36-210	210	36	30-48	1.2	77	¾"	2	< 55	≥1.3*Pump Power
SI3VG1.7-109-48-500	500	48	60-90	1.7	109	¾"	2	< 105	≥1.3*Pump Power
SI3VG2-150-48-750	750	48	60-90	2	150	¾"	2	< 105	≥1.3*Pump Power
SI3VG2-150-72-750	750	72	90-120	2	150	¾"	2	< 160	≥1.3*Pump Power
SI3VG2.2-180-72-1100	1100	72	90-120	2.2	180	¾"	2	< 160	≥1.3*Pump Power





Stainless steel outlet



Stainless steel connecting fitting



Stainless steel oil cylinder



## Two design for selection



Plastic Impeller



NSK Bearing



## Applications

- Agriculture irrigation, livestock feeding, domestic watering
- Clean water supply from wells or reservoirs
- Off-grid solar pumping system

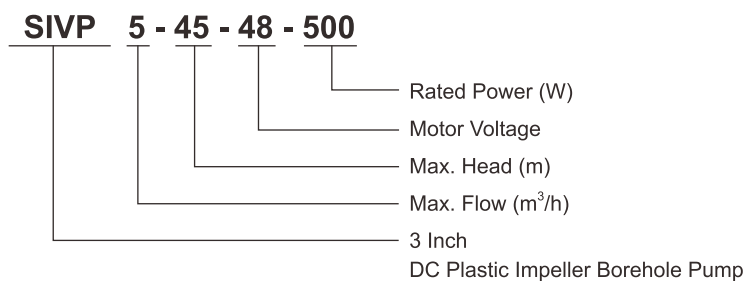
## Pump Features

- MPPT DC controller
- Highly-precise AIS1304 screw with higher efficiency
- AISI304 oil chamber and pump barrel
- NSK bearing
- Efficient PMSM brushless motor  
(PMSM: Permanent Magnet Synchronous Motor)

## MPPT DC Controller

- Protection class: IP55
- Ambient temperature: -15 ~ 60°C
- Working conditions & fault code on LED screen
- Auto Start & Stop
- Soft start & frequency conversion

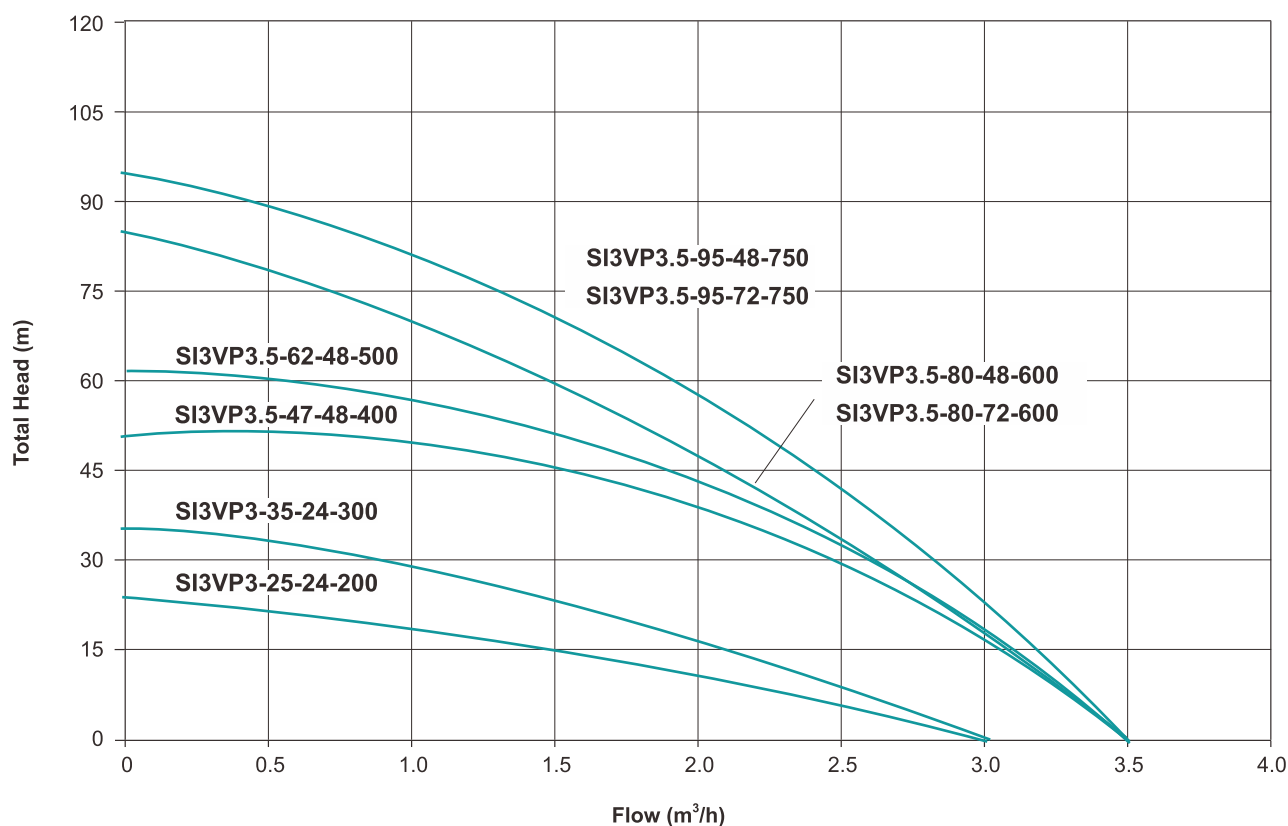
## Identification Codes



## FREE SPARE PARTS



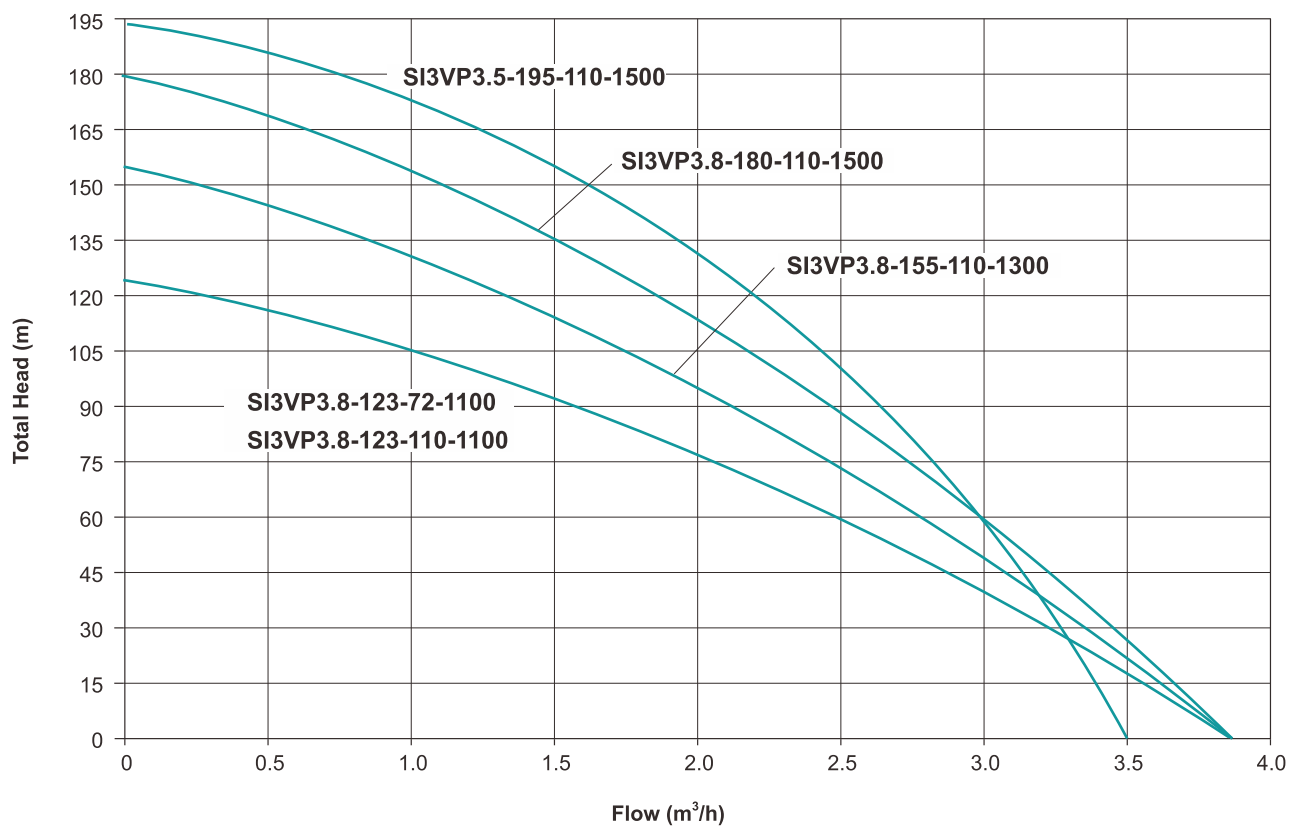
## 3" DC Solar Pump with Plastic Impeller



### 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
SI3VP3-25-24-200	200	24	30-48	3	25	1¼"	2	< 55	≥1.3*Pump Power
SI3VP3-35-24-300	300	24	30-48	3	35	1¼"	2	< 55	≥1.3*Pump Power
SI3VP3.5-47-48-400	400	48	60-90	3.5	47	1¼"	2	< 105	≥1.3*Pump Power
SI3VP3.5-62-48-500	500	48	60-90	3.5	62	1¼"	2	< 105	≥1.3*Pump Power
SI3VP3.5-80-48-600	600	48	60-90	3.5	80	1¼"	2	< 105	≥1.3*Pump Power
SI3VP3.5-80-72-600	600	72	90-120	3.5	80	1¼"	2	< 160	≥1.3*Pump Power
SI3VP3.5-95-48-750	750	48	60-90	3.5	95	1¼"	2	< 105	≥1.3*Pump Power
SI3VP3.5-95-72-750	750	72	90-120	3.5	95	1¼"	2	< 160	≥1.3*Pump Power

## 3" DC Solar Pump with Plastic Impeller

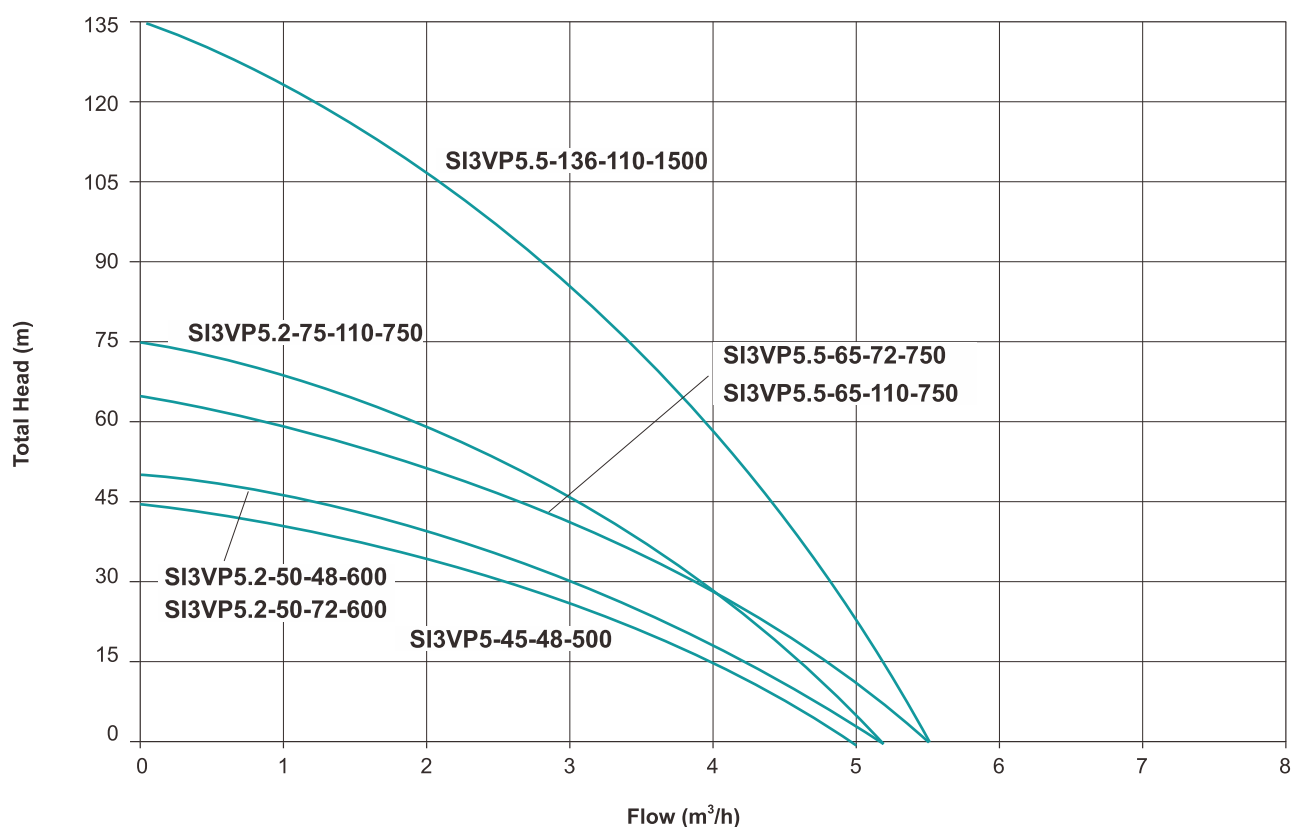


## Technical Data

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
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



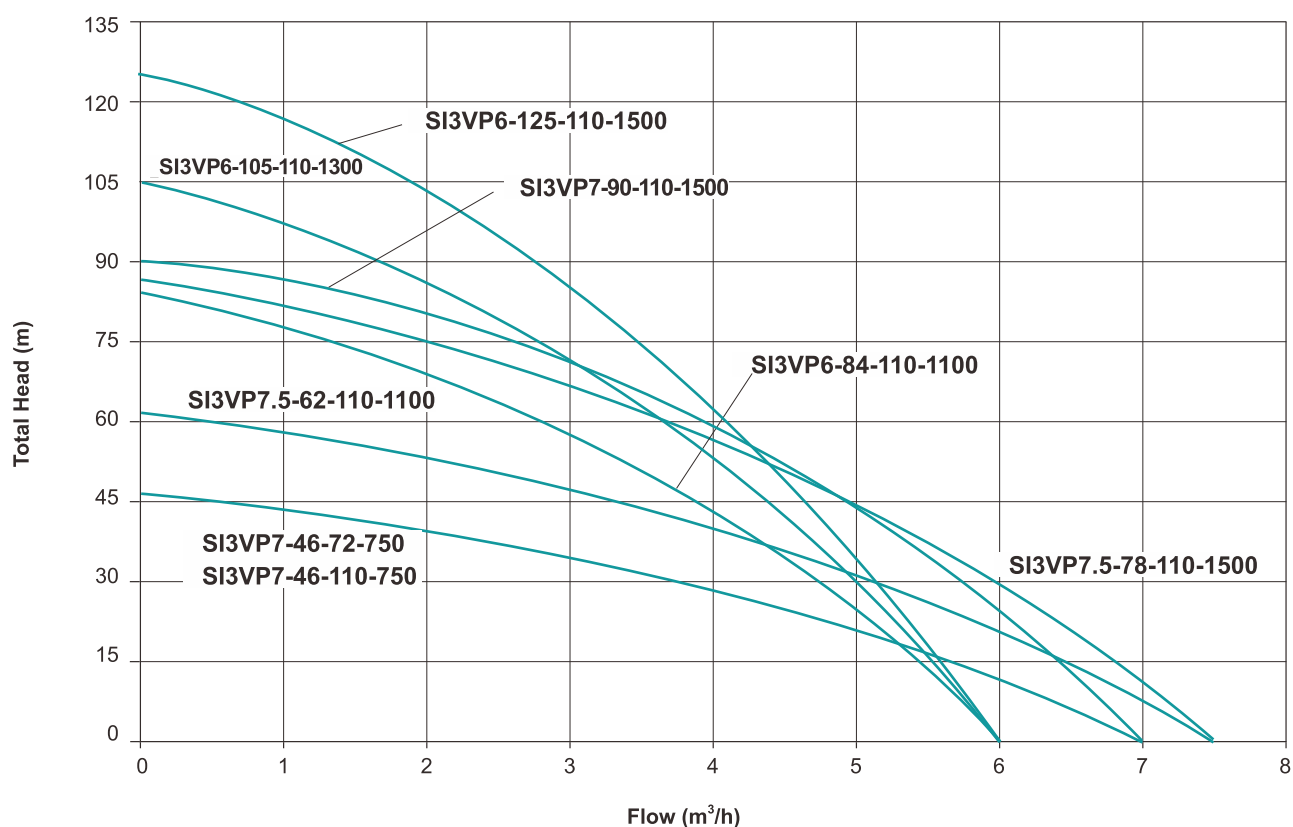
## 3" DC Solar Pump with Plastic Impeller



## 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

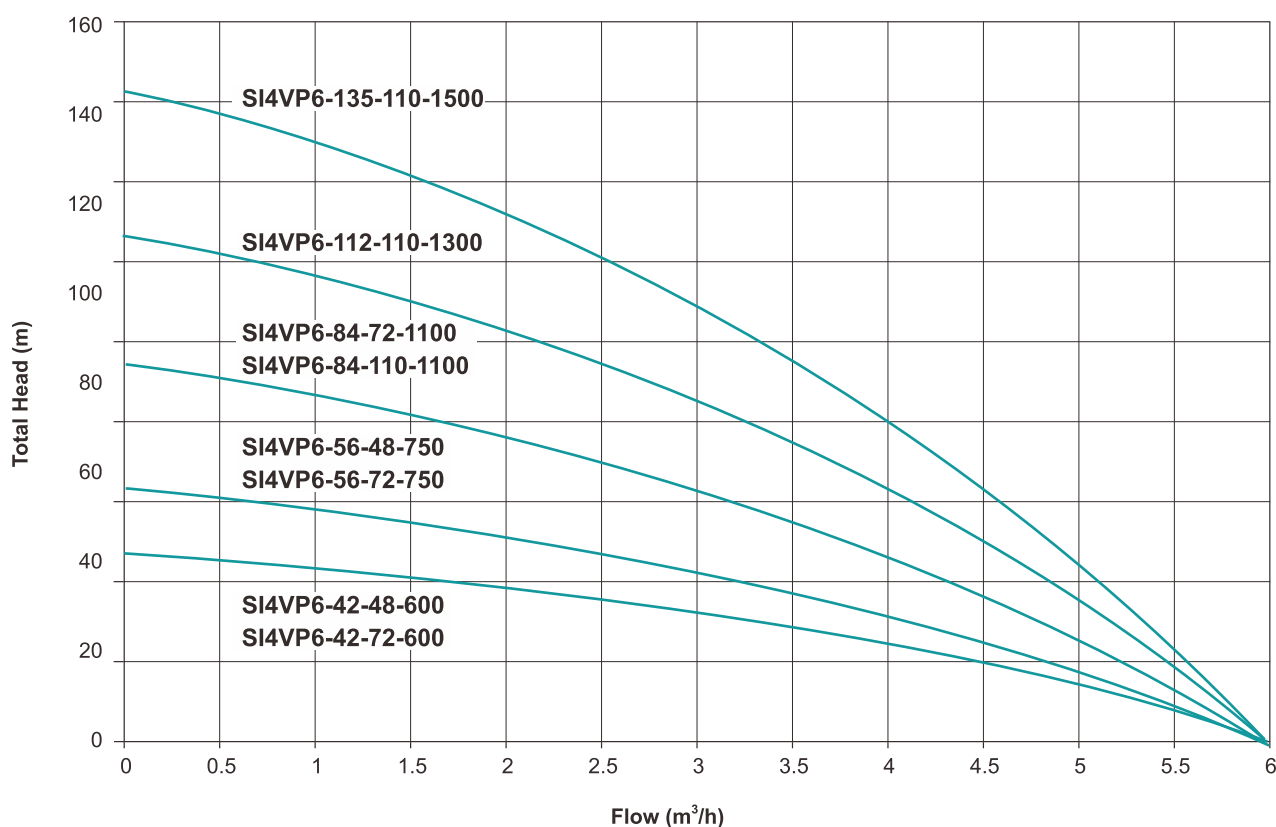
## 3" DC Solar Pump with Plastic Impeller



### 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

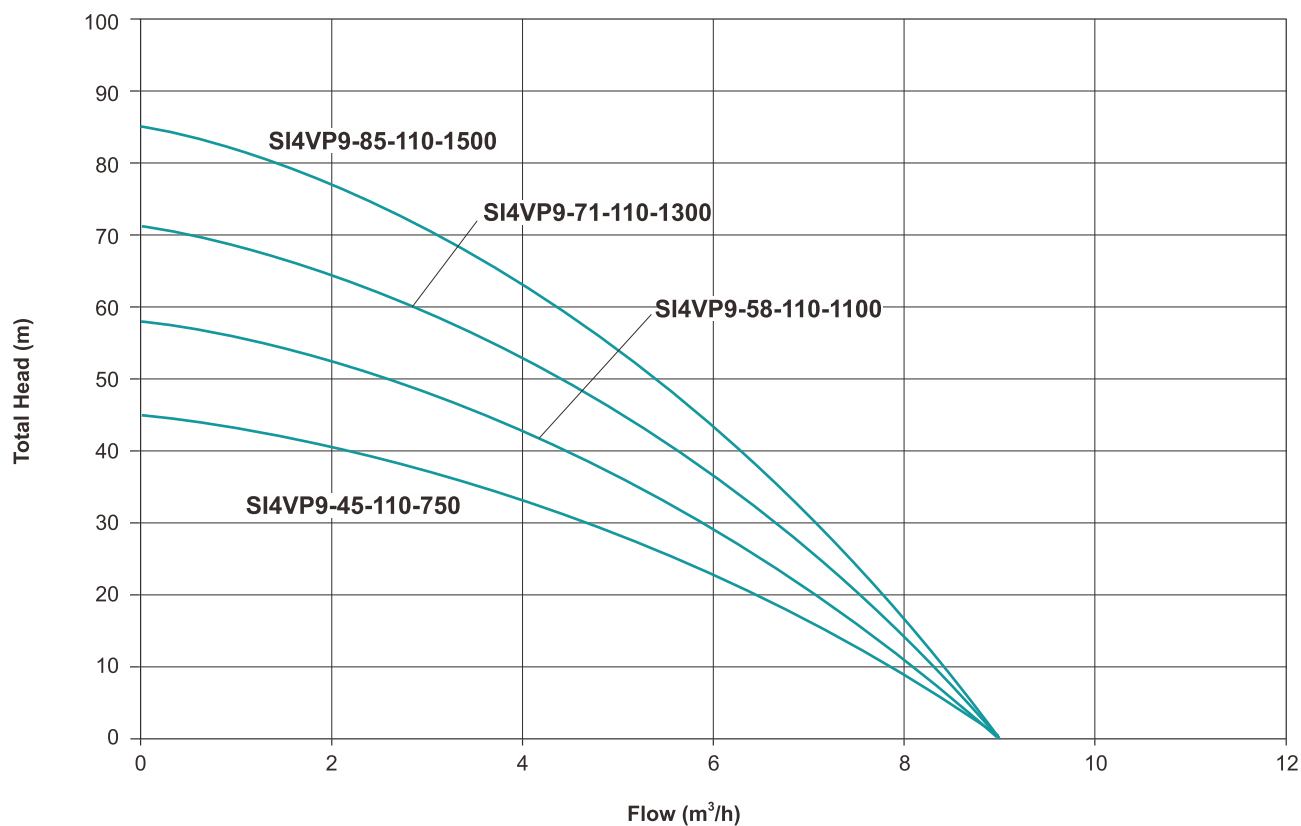
## 4" DC Solar Pump with Plastic Impeller



### 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	1 1/4"	2	< 105	≥ 1.3* Pump Power
SI4VP6-42-72-600	600	72	90-120	6	42	1 1/4"	2	< 160	≥ 1.3* Pump Power
SI4VP6-56-48-750	750	48	60-90	6	56	1 1/4"	2	< 105	≥ 1.3* Pump Power
SI4VP6-56-72-750	750	72	90-120	6	56	1 1/4"	2	< 160	≥ 1.3* Pump Power
SI4VP6-84-72-1100	1100	72	90-120	6	84	1 1/4"	2	< 160	≥ 1.3* Pump Power
SI4VP6-84-110-1100	1100	110	110-150	6	84	1 1/4"	2	< 210	≥ 1.3* Pump Power
SI4VP6-112-110-1300	1300	110	110-150	6	112	1 1/4"	2	< 210	≥ 1.3* Pump Power
SI4VP6-135-110-1500	1500	110	110-150	6	135	1 1/4"	2	< 210	≥ 1.3* Pump Power

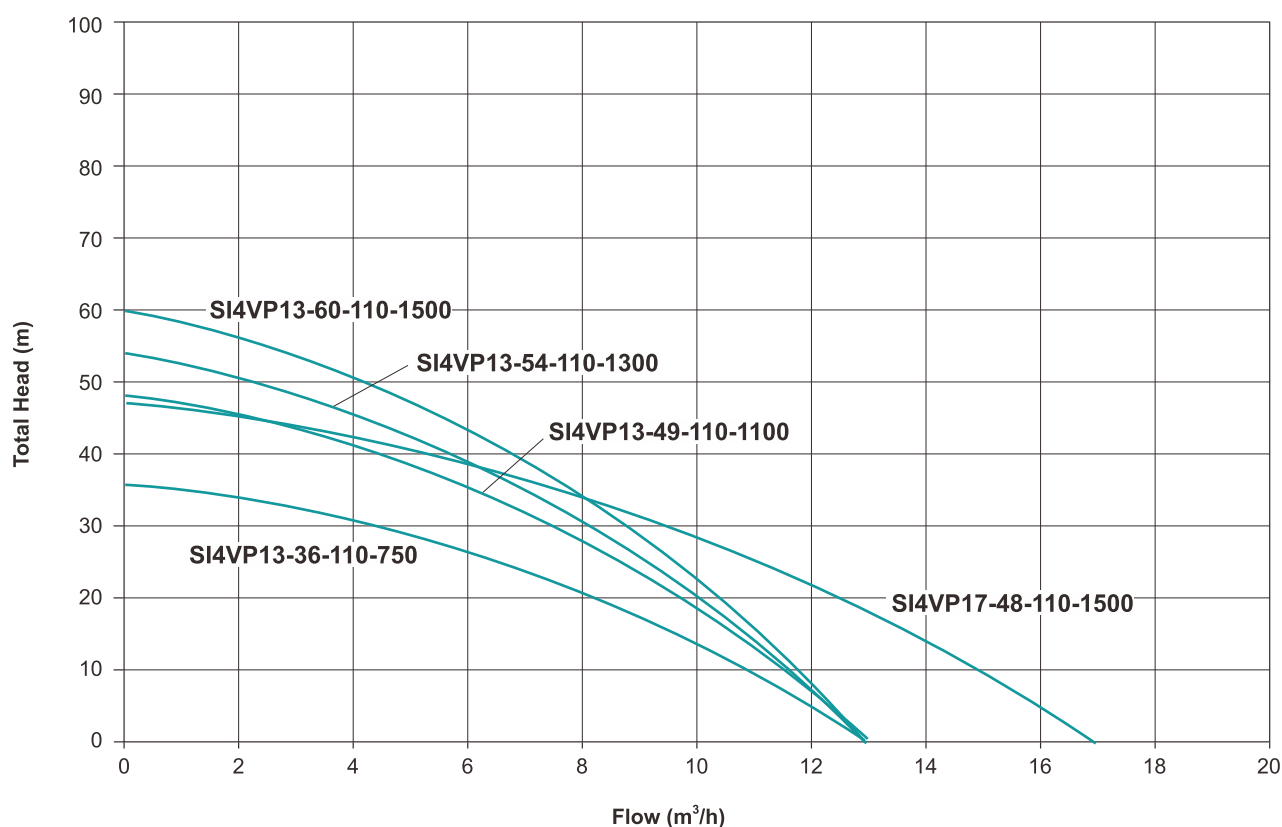
## 4" DC Solar Pump with Plastic Impeller



### 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

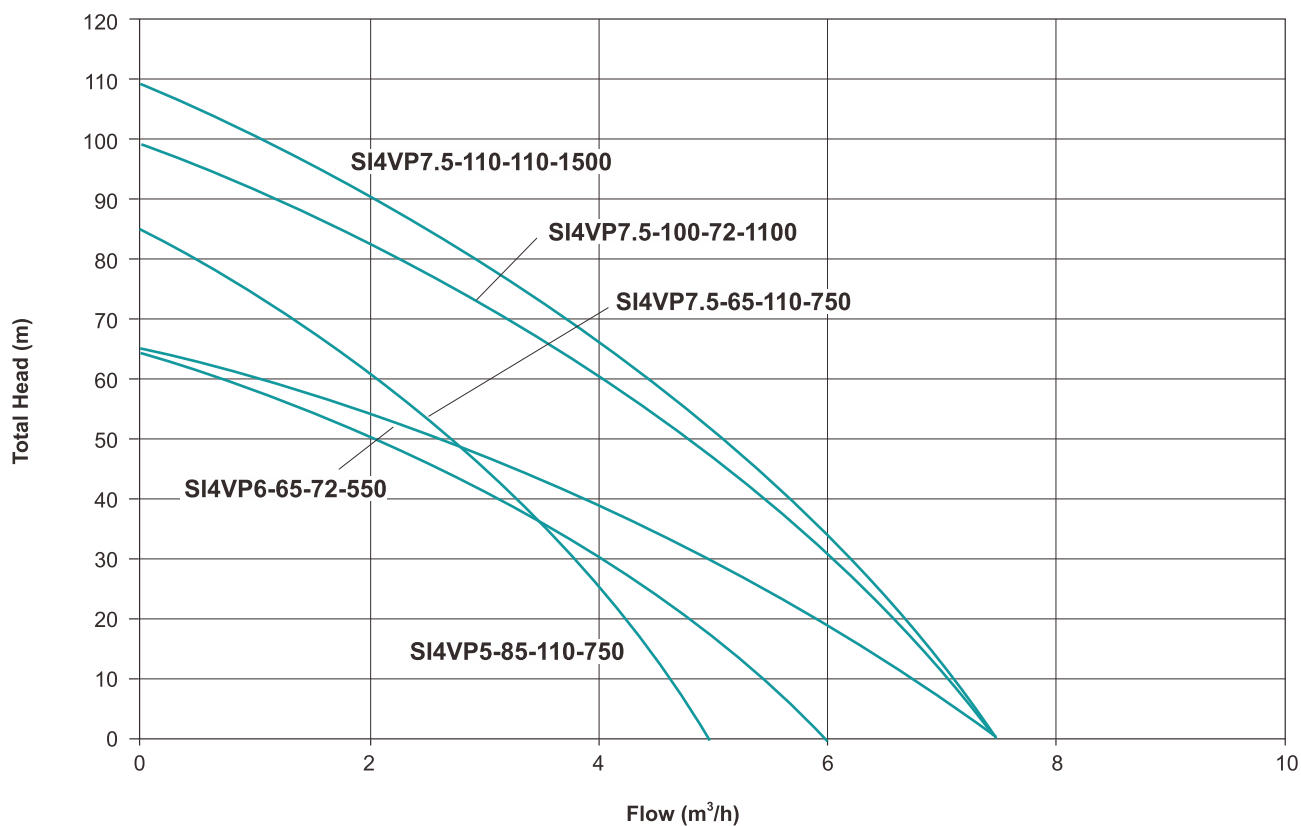
## 4" DC Solar Pump with Plastic Impeller



## 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

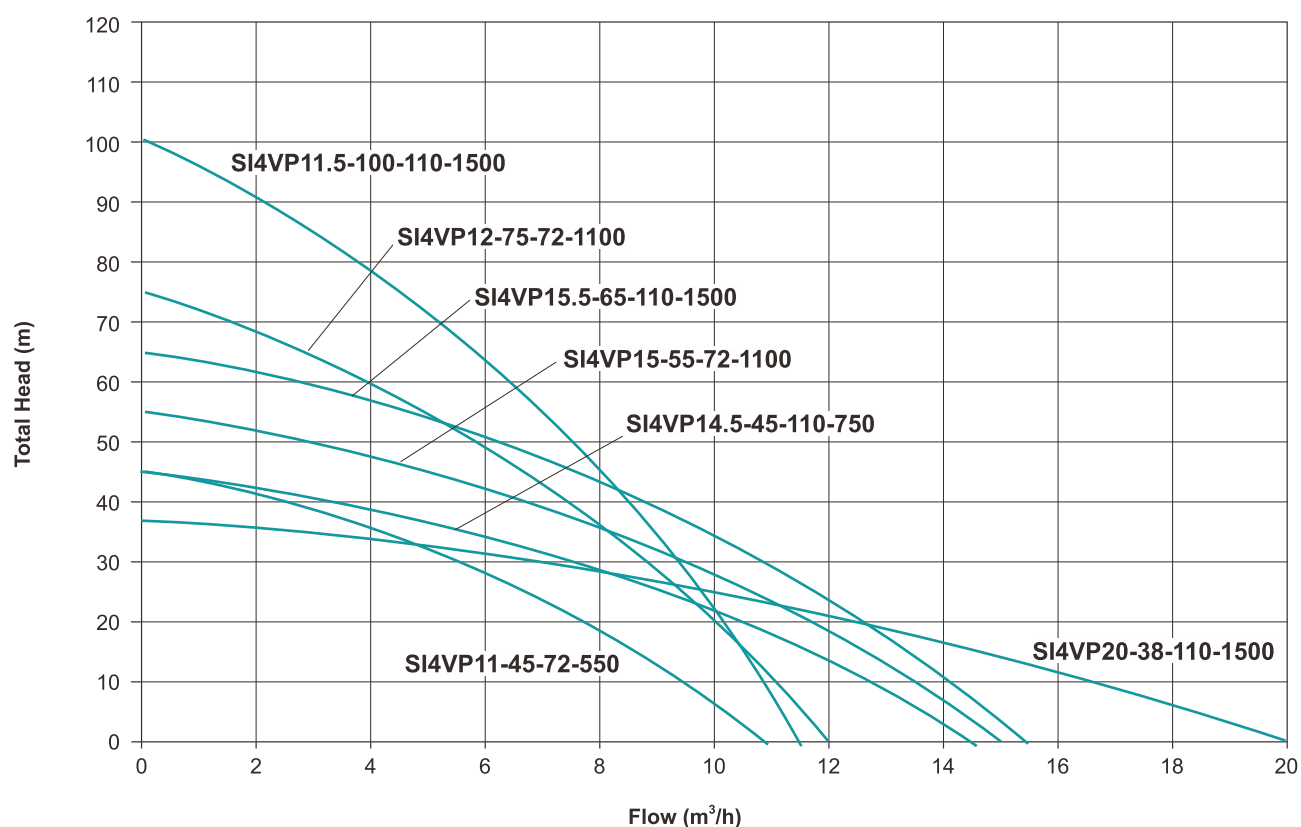


### Technical Data

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



Stainless steel  
Impeller



Stainless steel  
oil cylinder



NSK bearing



## Applications

- Agriculture irrigation, livestock feeding, domestic watering
- Clean water supply from wells or reservoirs
- Off-grid solar pumping system

## Pump Features

- MPPT DC controller
- Efficient PMSM brushless motor
- (PMSM: Permanent Magnet Synchronous Motor)

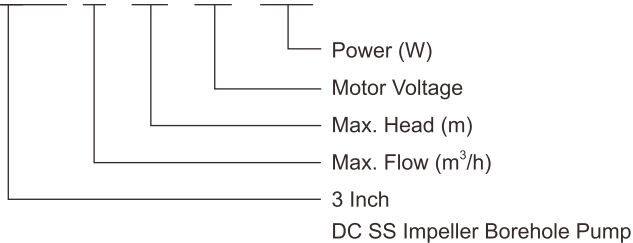
## MPPT DC Controller

- Protection class: IP55
- Ambient temperature: -15 ~ 60°C
- Working conditions & fault code on LED screen
- Auto Start & Stop
- Soft start & frequency conversion



## Identification Codes

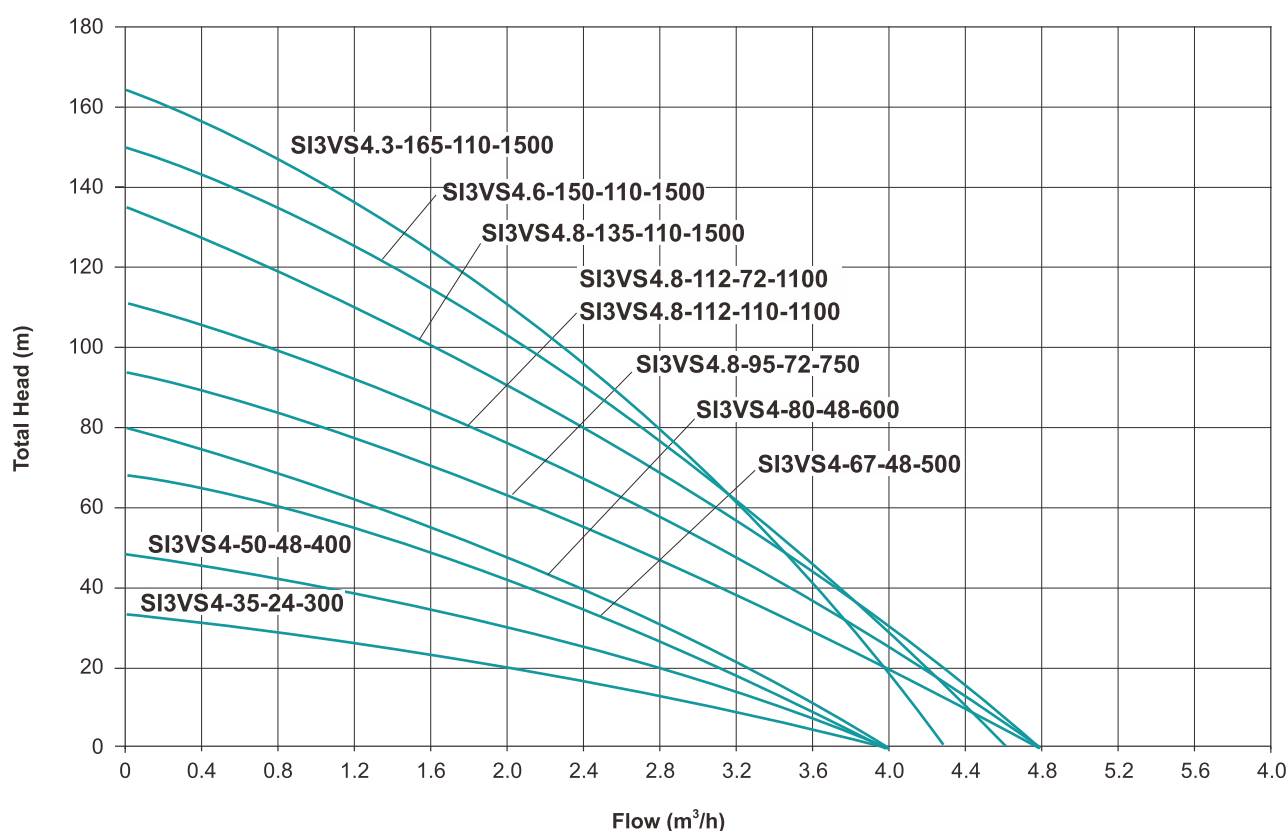
**SI3VS 4 - 35 - 24 - 300**



## FREE SPARE PARTS



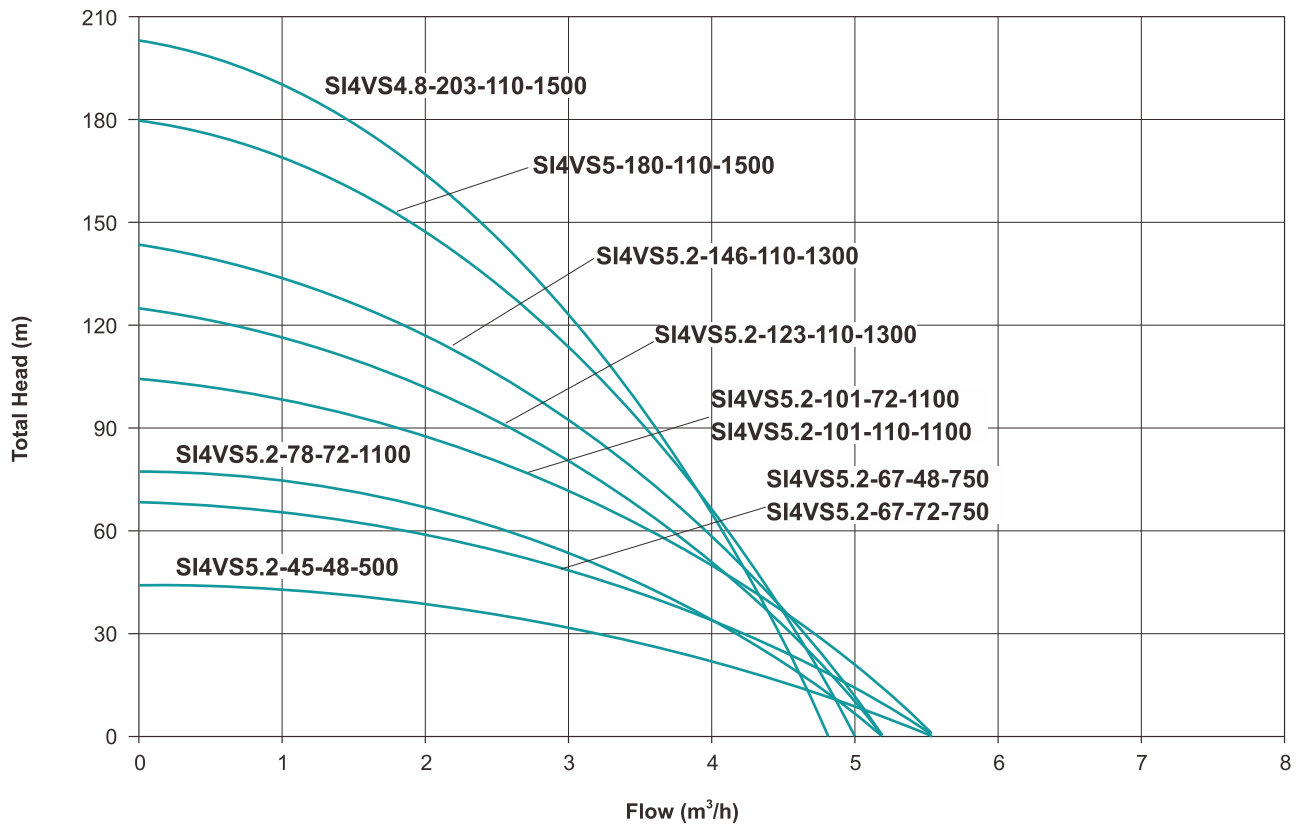
## 3" DC Solar Pump with SS Impeller



## 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
SI3VS4-35-24-300	300	24	30-48	4	35	1¼"	2	< 55	≥1.3*Pump Power
SI3VS4-50-48-400	400	48	60-90	4	50	1¼"	2	< 105	≥1.3*Pump Power
SI3VS4-67-48-500	500	48	60-90	4	67	1¼"	2	< 105	≥1.3*Pump Power
SI3VS4-80-48-600	600	48	60-90	4	80	1¼"	2	< 105	≥1.3*Pump Power
SI3VS4.8-95-72-750	750	72	90-120	4.8	95	1¼"	2	< 160	≥1.3*Pump Power
SI3VS4.8-112-72-1100	1100	72	90-120	4.8	112	1¼"	2	< 160	≥1.3*Pump Power
SI3VS4.8-112-110-1100	1100	110	110-150	4.8	112	1¼"	2	< 210	≥1.3*Pump Power
SI3VS4.8-135-110-1500	1500	110	110-150	4.8	135	1¼"	2	< 210	≥1.3*Pump Power
SI3VS4.6-150-110-1500	1500	110	110-150	4.6	150	1¼"	2	< 210	≥1.3*Pump Power
SI3VS4.3-165-110-1500	1500	110	110-150	4.3	165	1¼"	2	< 210	≥1.3*Pump Power

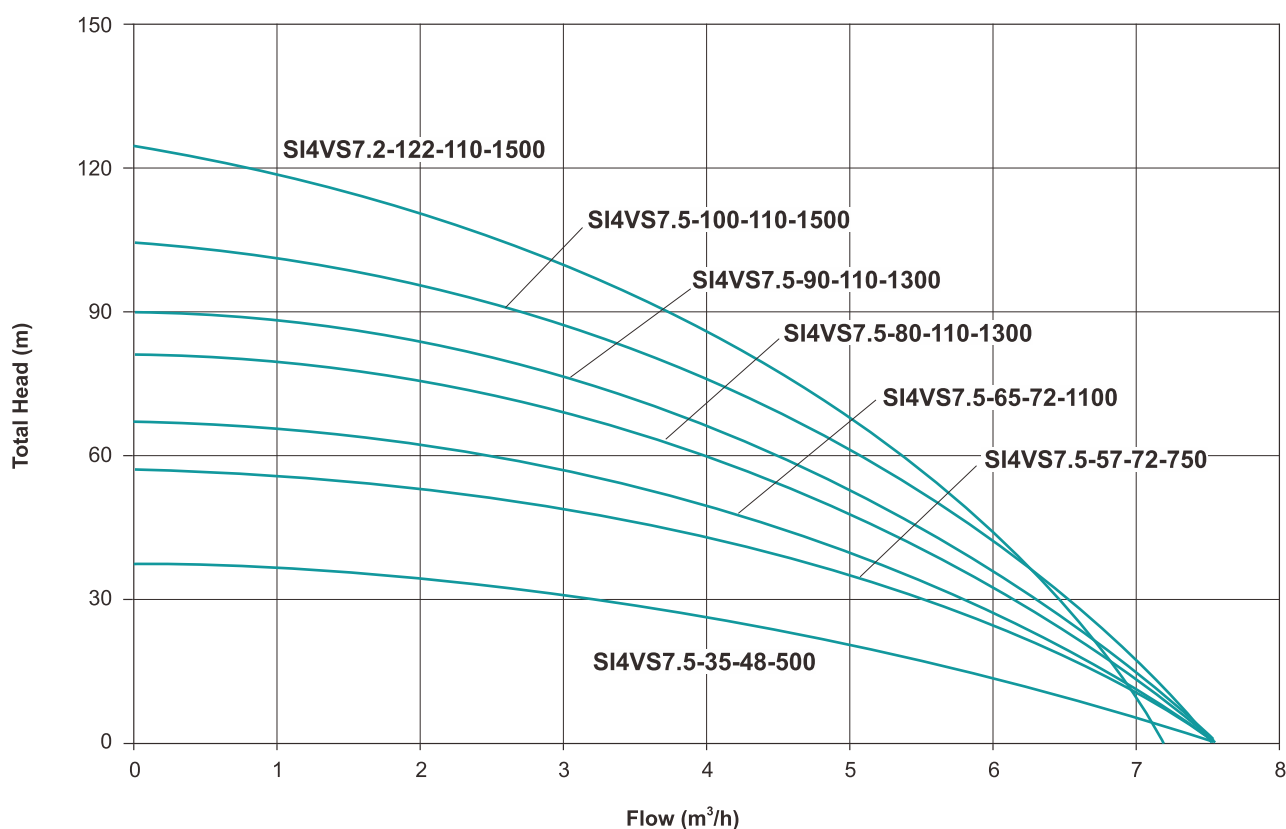
## 4" DC Solar Pump with SS Impeller



### 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
SI4VS5.2-45-48-500	500	48	60-90	5.5	45	1¼"	2	< 105	≥1.3*Pump Power
SI4VS5.2-67-48-750	750	48	60-90	5.5	67	1¼"	2	< 105	≥1.3*Pump Power
SI4VS5.2-67-72-750	750	72	90-120	5.5	67	1¼"	2	< 160	≥1.3*Pump Power
SI4VS5.2-78-72-1100	1100	72	90-120	5.2	78	1¼"	2	< 160	≥1.3*Pump Power
SI4VS5.2-101-72-1100	1100	72	90-120	5.5	101	1¼"	2	< 160	≥1.3*Pump Power
SI4VS5.2-101-110-1100	1100	110	110-150	5.5	101	1¼"	2	< 210	≥1.3*Pump Power
SI4VS5.2-123-110-1300	1300	110	110-150	5.2	123	1¼"	2	< 210	≥1.3*Pump Power
SI4VS5.2-146-110-1300	1300	110	110-150	5.2	146	1¼"	2	< 210	≥1.3*Pump Power
SI4VS5-180-110-1500	1500	110	110-150	5	180	1¼"	2	< 210	≥1.3*Pump Power
SI4VS4.8-203-110-1500	1500	110	110-150	4.8	203	1¼"	2	< 210	≥1.3*Pump Power

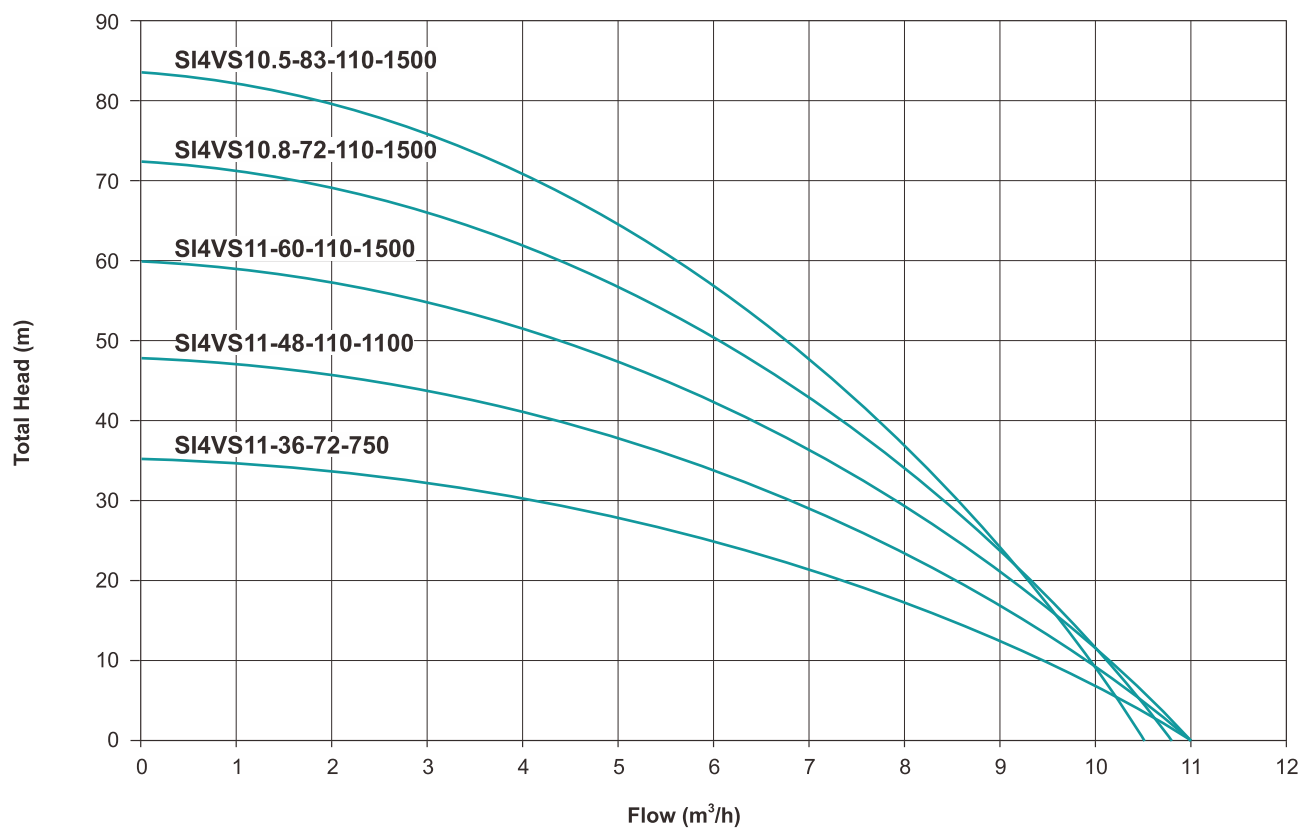
## 4" DC Solar Pump with SS Impeller



## 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
SI4VS7.5-35-48-500	500	48	60-90	7.5	35	1¼"	2	< 105	≥1.3*Pump Power
SI4VS7.5-57-72-750	750	72	90-120	7.5	57	1¼"	2	< 160	≥1.3*Pump Power
SI4VS7.5-65-72-1100	1100	72	90-120	7.5	65	1¼"	2	< 160	≥1.3*Pump Power
SI4VS7.5-80-110-1300	1300	110	110-150	7.5	80	1¼"	2	< 210	≥1.3*Pump Power
SI4VS7.5-90-110-1300	1300	110	110-150	7.5	90	1¼"	2	< 210	≥1.3*Pump Power
SI4VS7.5-100-110-1500	1500	110	110-150	7.5	100	1¼"	2	< 210	≥1.3*Pump Power
SI4VS7.2-122-110-1500	1500	110	110-150	7.2	122	1¼"	2	< 210	≥1.3*Pump Power

## 4" DC Solar Pump with SS Impeller

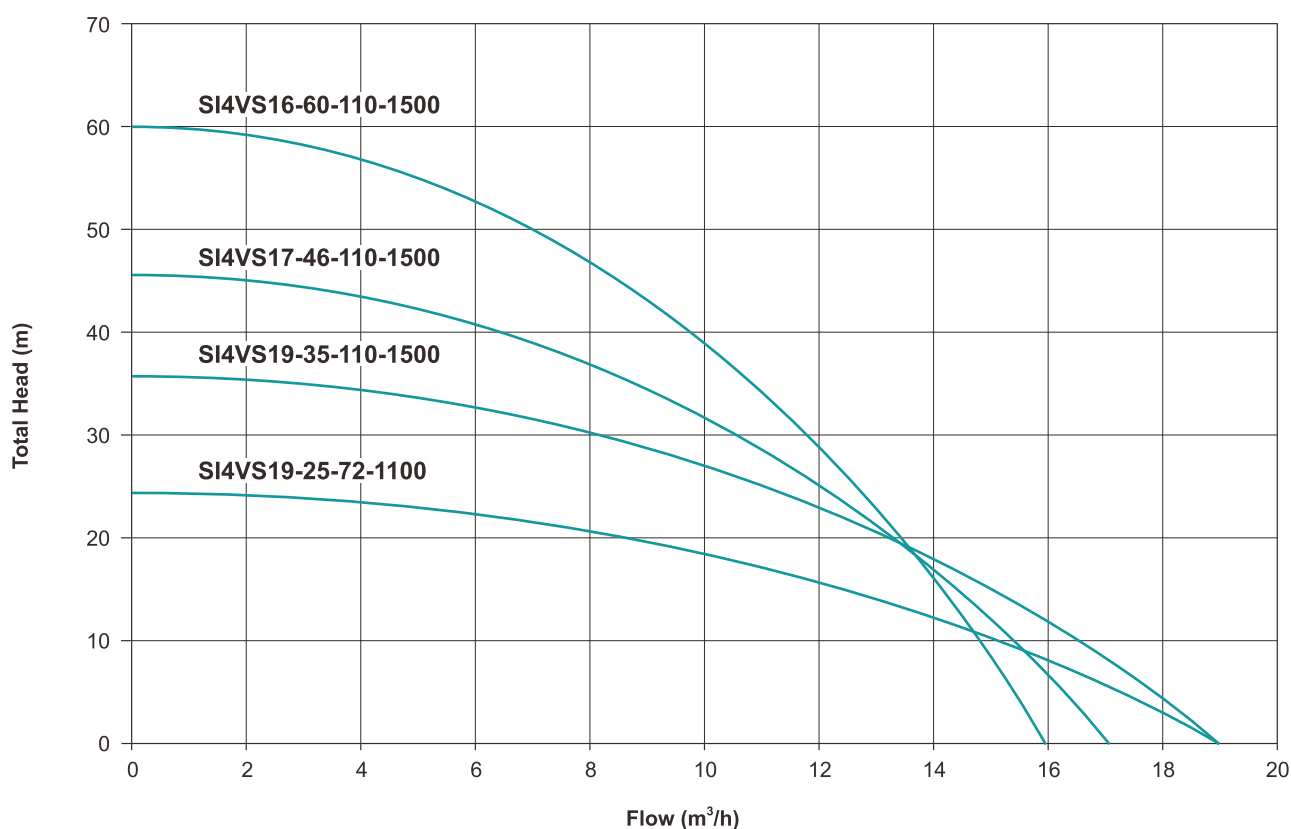


### Technical Data

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
SI4VS11-36-72-750	750	72	90-120	11	36	2"	2	< 160	≥1.3*Pump Power
SI4VS11-48-110-1100	1100	110	110-150	11	48	2"	2	< 210	≥1.3*Pump Power
SI4VS11-60-110-1500	1500	110	110-150	11	60	2"	2	< 210	≥1.3*Pump Power
SI4VS10.8-72-110-1500	1500	110	110-150	10.8	72	2"	2	< 210	≥1.3*Pump Power
SI4VS10.5-83-110-1500	1500	110	110-150	10.5	83	2"	2	< 210	≥1.3*Pump Power



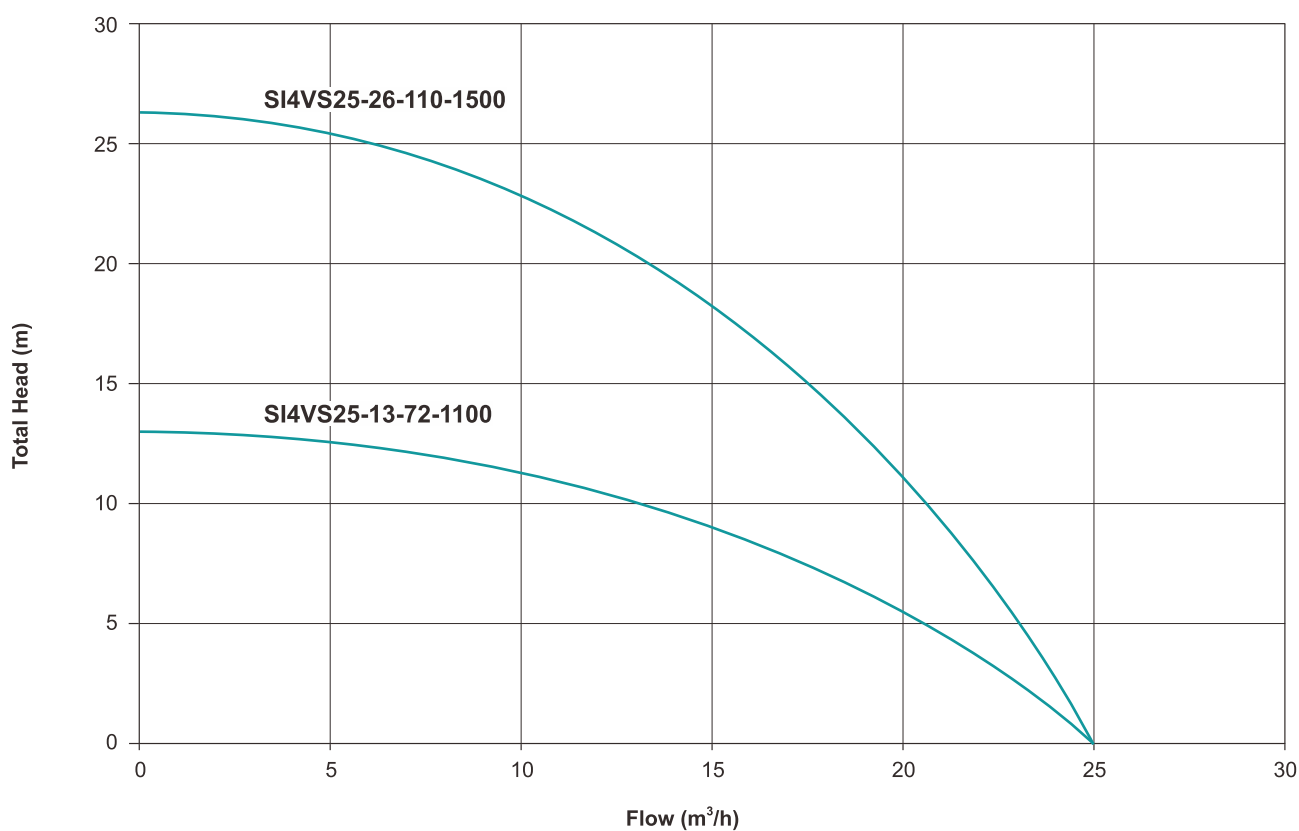
## 4" DC Solar Pump with SS Impeller



## 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
SI4VS19-25-72-1100	1100	72	90-120	19	25	2"	2	< 160	≥1.3*Pump Power
SI4VS19-35-110-1500	1500	110	110-150	19	35	2"	2	< 210	≥1.3*Pump Power
SI4VS17-46-110-1500	1500	110	110-150	17	46	2"	2	< 210	≥1.3*Pump Power
SI4VS16-60-110-1500	1500	110	110-150	16	60	2"	2	< 210	≥1.3*Pump Power

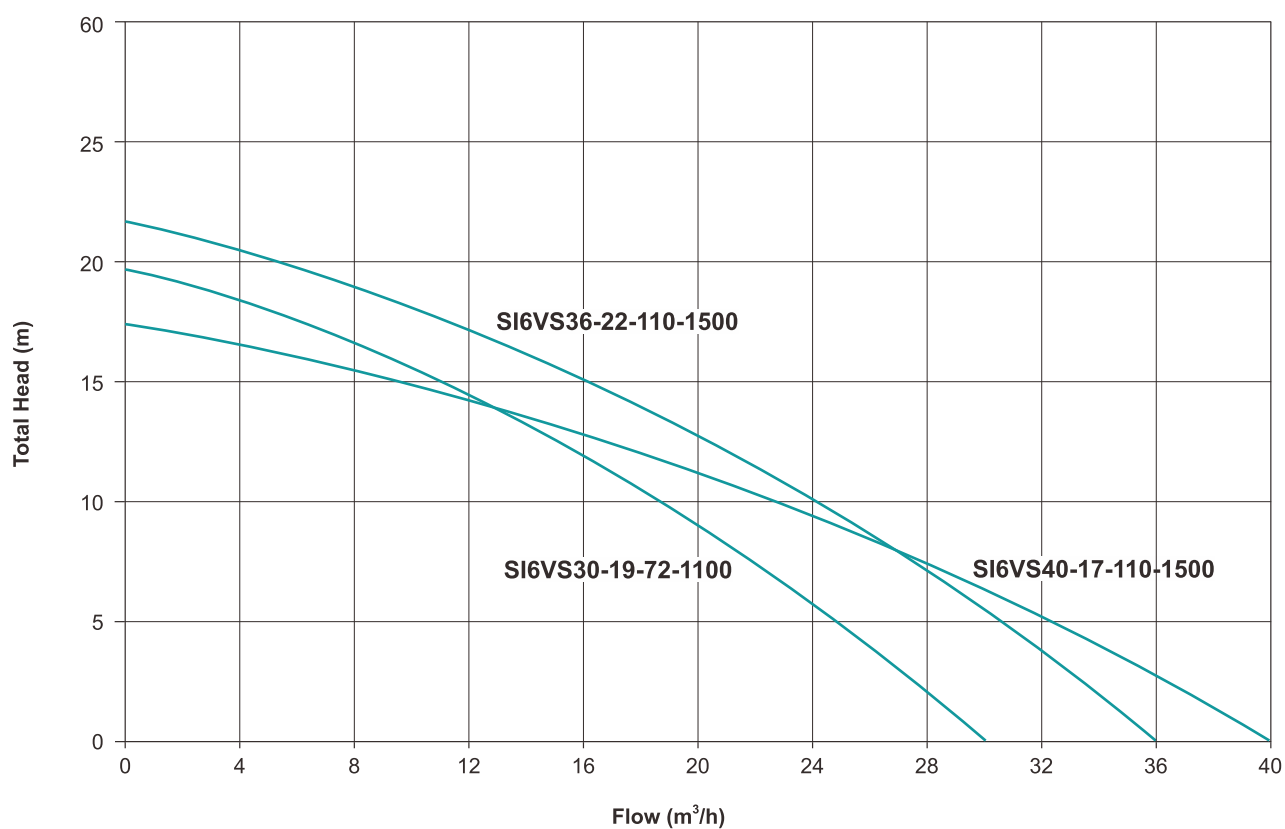
## 4" DC Solar Pump with SS Impeller



### 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
SI4VS25-13-72-1100	1100	72	90-120	25	13	2"	2	< 160	≥1.3*Pump Power
SI4VS25-26-110-1500	1500	110	110-150	25	26	2"	2	< 210	≥1.3*Pump Power

## 6" DC Solar Pump with SS 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
SI6VS30-19-72-1100	1100	72	90-120	30	19	3"	2	< 210	≥1.3*Pump Power
SI6VS36-22-110-1500	1500	110	110-150	36	22	3"	2	< 210	≥1.3*Pump Power
SI6VS40-17-110-1500	1500	110	110-150	40	17	3"	2	< 210	≥1.3*Pump Power



## Applications

- Transfer clean water or other water-like liquids with similar chemical properties
- Farm irrigation and domestic watering in areas without electricity
- Off-grid solar irrigation system

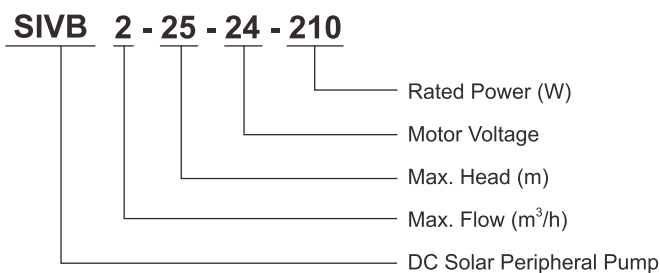
## Pump Features

- 100% copper winding
- Efficient PMSM brushless motor (PMSM: Permanent Magnet Synchronous Motor)
- Efficient synchronous motor
- Cast iron pump body with e-coating treatment
- Brass impeller

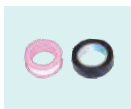
## MPPT DC Controller

- Protection class: IP55
- Ambient temperature: -15 ~ 60°C
- Working conditions & fault code on LED screen
- Auto Start & Stop
- Soft start & frequency conversion

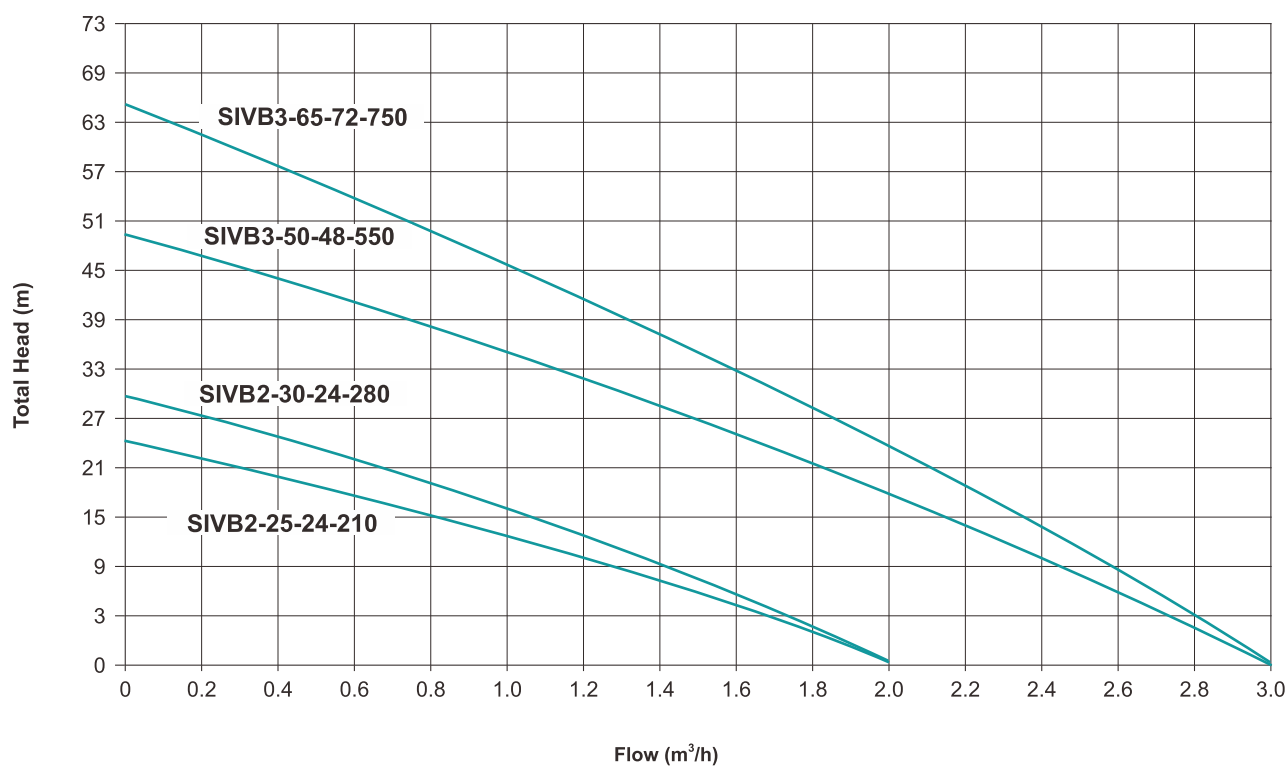
## Identification Codes



## FREE SPARE PARTS



## DC Solar Peripheral Pump



## Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Inlet/Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SIVB2-25-24-210	210	24	30-48	2	25	1"x1"	2	< 55	≥1.3*Pump Power
SIVB2-30-24-280	280	24	30-48	2	30	1"x1"	2	< 55	≥1.3*Pump Power
SIVB3-50-48-550	550	48	60-90	3	50	1"x1"	2	< 105	≥1.3*Pump Power
SIVB3-65-72-750	750	72	90-120	3	65	1"x1"	2	< 160	≥1.3*Pump Power



## Applications

- Transfer clean water or other water-like liquids with similar chemical properties
- Farm irrigation and domestic watering in areas without electricity
- Off-grid solar irrigation system

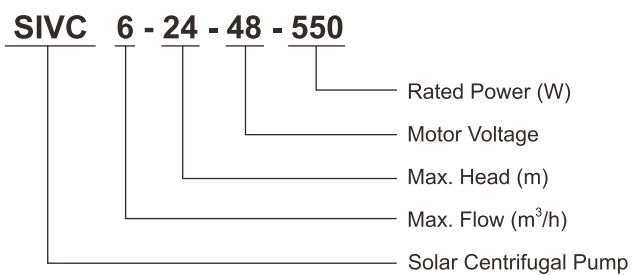
## Pump Features

- 100% copper winding
- Efficient PMSM brushless motor  
(PMSM: Permanent Magnet Synchronous Motor)
- Efficient synchronous motor
- Cast iron pump body with e-coating treatment
- Brass impeller

## MPPT DC Controller

- Protection class: IP55
- Ambient temperature: -15 ~ 60°C
- Working conditions & fault code on LED screen
- Auto Start & Stop
- Soft start & frequency conversion

## Identification Codes

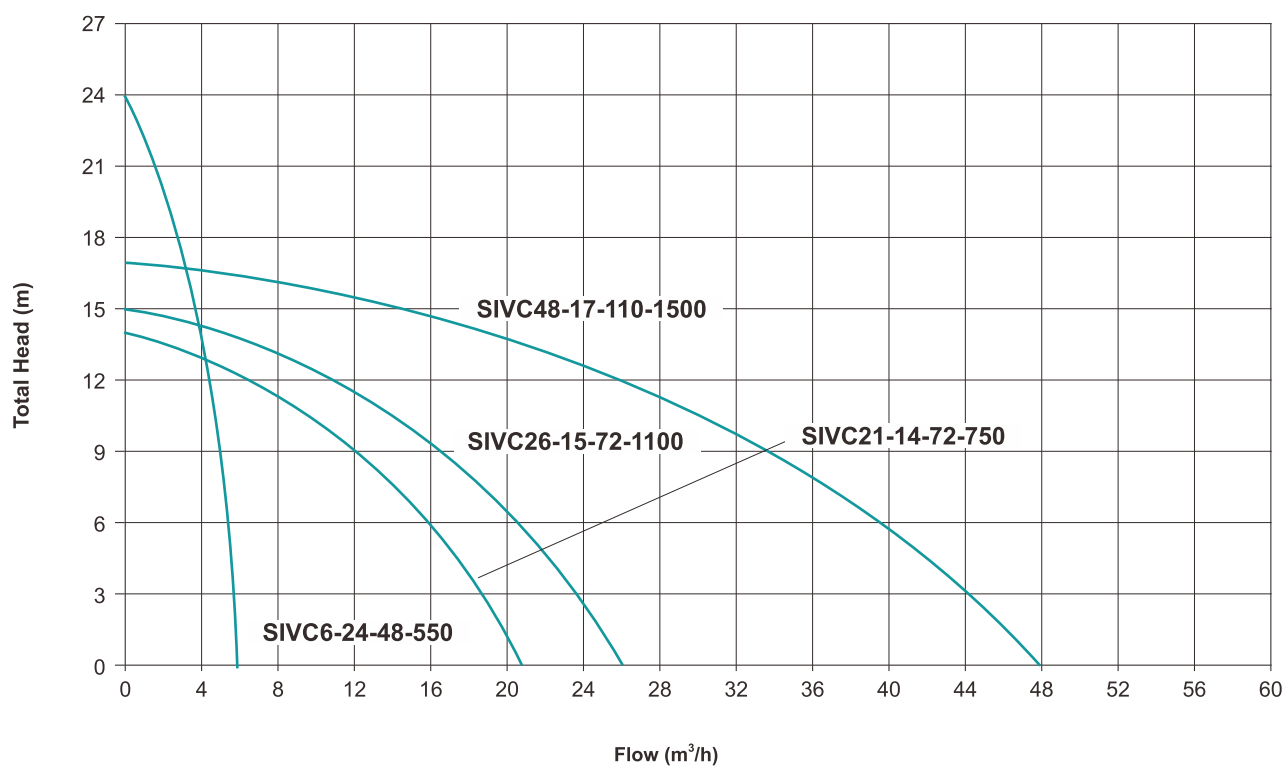


## FREE SPARE PARTS





## DC Solar Centrifugal Pump



## Technical Data

Model	Power (W)	Rated Voltage (V)	Optimum Input Voltage (V)	Max. Flow (m³/h)	Max. Head (m)	Inlet/Outlet (inch)	Cable (m)	Recommended Solar Panel	
								Open Circuit Voltage(VOC)	Power
SIVC6-24-48-550	550	48	60-90	6	24	1"x1"	2	< 105	≥1.3*Pump Power
SIVC21-14-72-750	750	72	90-120	21	14	2"x2"	2	< 160	≥1.3*Pump Power
SIVC26-15-72-1100	1100	72	90-120	26	15	2"x2"	2	< 160	≥1.3*Pump Power
SIVC48-17-110-1500	1500	110	110-150	45	17	3"x3"	2	< 210	≥1.3*Pump Power

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