

Solar Water Pumping System

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

Multi functions

- 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



AC-DC Solar Pump Inverter

Solar Inverter Technical Data

Model		AC/DC 110V	AC/DC 150V	AC/DC 200V	AC/DC 300V
Suitable PMSM / BLDC pumps	Pump's Voltage	DC-110V	DC-150V	DC-200V	DC-300V
	Pump's Frequency	According to the manufacturer's design			
	Pump's Phase	1xPhase / 3xPhase			
Suitable AC pumps	Pump's Voltage	100V~130V 220V~240V	220V~240V	220V~240V	220V~240V
	Pump's Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
	Pump's Phase	1xPhase 3xPhase	1xPhase 3xPhase	1xPhase 3xPhase	3xPhase
Input AC power requirements - Grid or generator		(L,N)1xPhase 85~300V/50/60Hz			
Input DC power requirements -PV panel or battery	Max input DC Voltage(voc)	450	450	450	450
	Min DC Working Voltage(V)	80	80	80	80
	MPPT Working Voltage(V)	80~450	80~450	80~450	80~450
Inverter Power		0.75KW	1.3KW	1.5KW	2.2KW
Inverter rated output current		10A	10A	10A	10A

SIVP AC/DC SOLAR PUMP WITH PLASTIC IMPELLER

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

Hybrid AC/DC
Rated Power (W)
Motor Voltage
Max. Head (m)
Max. Flow (m³/h)
3 Inch Plastic Impeller
Borehole Pump



Stainless steel outlet



Stainless steel connecting fitting



Stainless steel oil cylinder

SIVS AC/DC SOLAR PUMP WITH SS IMPELLER

SI3VS 4.8-95-110-750-A/D

Hybrid AC/DC
Rated Power (W)
Motor Voltage
Max. Head (m)
Max. Flow (m³/h)
3 Inch SS Impeller
Borehole Pump



Stainless steel impeller



Stainless steel oil cylinder



NSK bearing

SIVB AC/DC SOLAR PERIPHERAL PUMP

SIVB 3-65-110-750-A/D

Hybrid AC/DC
Rated Power (W)
Motor Voltage
Max. Head (m)
Max. Flow (m³/h)
Solar Peripheral Pump



SIVC AC/DC SOLAR CENTRIFUGAL PUMP

SIVC 21-14-110-750-A/D

Hybrid AC/DC
Rated Power (W)
Motor Voltage
Max. Head (m)
Max. Flow (m³/h)
Solar Centrifugal Pump



SIVY AC/DC SOLAR SWIMMING POOL PUMP

SIVY 20-19-110-900-AD

Hybrid AC/DC
Rated Power (W)
Motor Voltage
Max. Head (m)
Max. Flow (m³/h)
Solar Swimming Pool Pump

