

SHENZHEN SOLARSEEKER CO., LTD.

ShenZhen Solarseeker Co., Ltd.
Solarseeker
Solar pumping brand
Simple and Smart

- +86 166 7506 1986
- +86 166 7506 1986
- service@solarseeker.com.cn
- www.solarseeker.com.cn
- Solarseeker
- Solarseeker
- No 8, Shangxue Industrial Park, Longgang district, Shenzhen, China



Simple and Smart
ShenZhen Solarseeker Co.Ltd.
Specialized in making solar pump inverter

The Catalog of Solarseeker

Why Choose Solar Pump

- 1、 The world energy environment trends
- 2、 The solar pump market trends
- 3、 What solar pumps can help you

Why Choose Solarseeker

- 1、 Our inverter advantage
- 2、 The services we provide
- 3、 Solarseeker application

Product introduction and data

- 1、 The Factory Introduction
- 2、 The product introduction
- 3、 The reference data of solar pump system

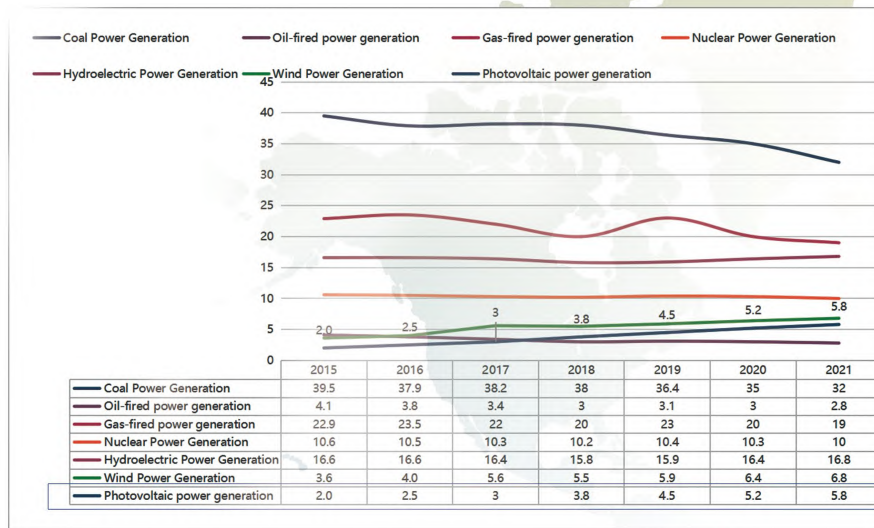


ABOUT US

Shen Zhen Solarseeker Co.Ltd. was established in 2004, the company has a complete R & D system and production system, began to enter the market so far has produced more than 100,000 units of inverters. In 2015, we started to enter the international market and solar market, and so far we have customers in Asia, Africa, Middle East and Southeast Asia markets, and are gradually expanding our distribution network in Europe and America.

The products involve solar pump products, solar inverters, general inverters, remote control systems, etc. In the future, we will expand off-grid inverters and light storage and charging systems, and gradually form a complete set of light solutions and accessories to become the most simple, convenient and user-friendly brand in the industry.

►► The world energy environment trends



- In recent years, the percentage of renewable energy is increasing year by year, and the percentage of non-renewable energy is decreasing year by year.

The world's energy consumption structure tends to be clean, low-carbon and diversified, and the transition is faster than previously expected.

- While water forms 80% of the earth crust, only 20% of it is clean. This means that water is a rare resource. Furthermore, clean water is often not available where it is needed the most and hence the need to pump it. However, to pump the water we need the power to run the motor.

- Now diesel and generator price increase crazily. In the world, so many people turn to solar pumping system. because it will reduce cost 60%. it is big chance for all of us.

►► The solar pump market trends

SOLAR PUMPING

▶ WHY CHOOSE SOLARSEEKER

SIMPLE AND SMART

SIMPLEST

ONE MINUTE TO FINISH INSTALLATION OR COMMISSIONING,
OR CONFIRM SYSTEM SITUATION, OR ONE KEY RESTART

SMART

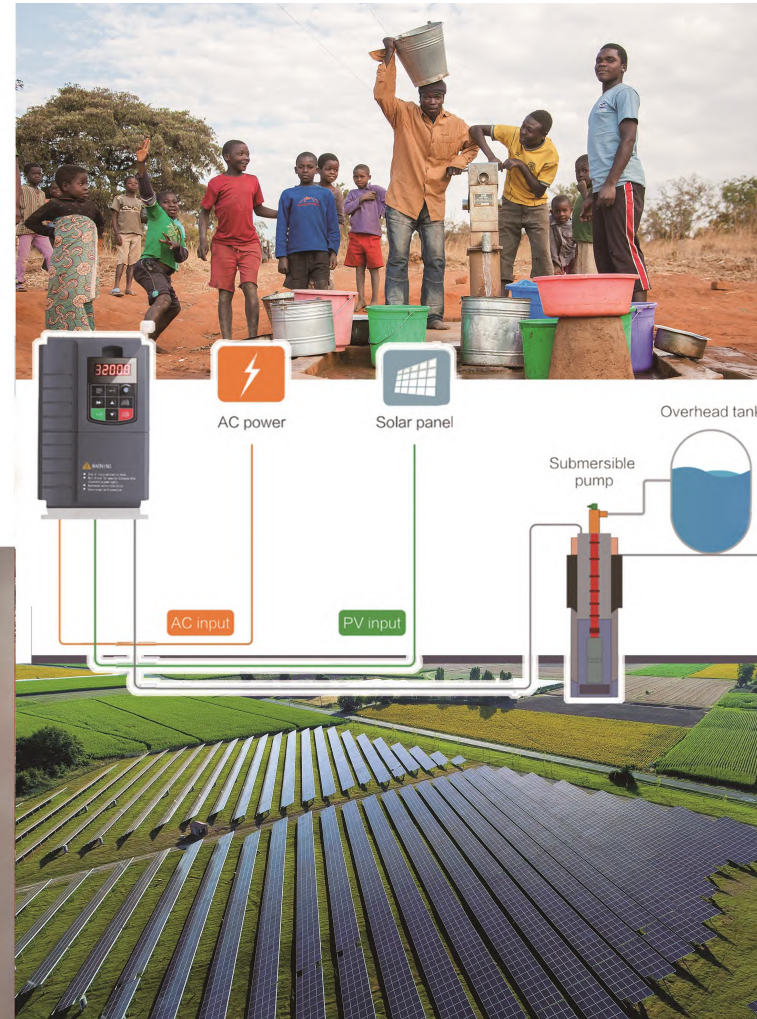
AUTOMATICALLY START, PROTECT PUMP AND EXTEND
SYSTEM WORK LIFE 20% MORE

SERVICE

PROVIDE WHOLE SYSTEM TO MAKE IT CONVENIENT
AND LESS RISK

EFFICIENCY

MPPT FUNCTION, WORKING ONE HOUR EARLIER,
HYBRID FUNCTION REDUCE DIESEL COST



THE SERVICES WE PROVIDE

1. NO NEED SETTING SOFTWARE BUT INVERTER WILL RUN WELL AND EXTEND PUMP WORKING LIFE 20%.
2. MPPT FUNCTION WILL BRING HIGHER EFFICIENCY AND 15% MORE WATER.
3. WIDE INPUT DC VOLTAGE (170-800) WILL LET SYSTEM RUN LONGER TIME AND BRING 10% MORE WATER.
4. ONLY NEED 10S TO GET ALL THE DETAIL ABOUT SYSTEM SITUATION WITHOUT MANUAL OPERATION.
5. SAVE YOUR INSTALLATION TIME, REDUCE TROUBLE AND RISK.
6. OEM BRING YOU OWN STRONG BRAND.
7. DELIVERY TIME IS ONLY 60% OF OTHER BRANDS.



**QUALITY IS
FIRST**

Keeping quality
is our top priority

Solarseeker ▶▶

Our Factory



We have professional quality inspectors
to check every process .

We have a strict working environment
to ensure quality.

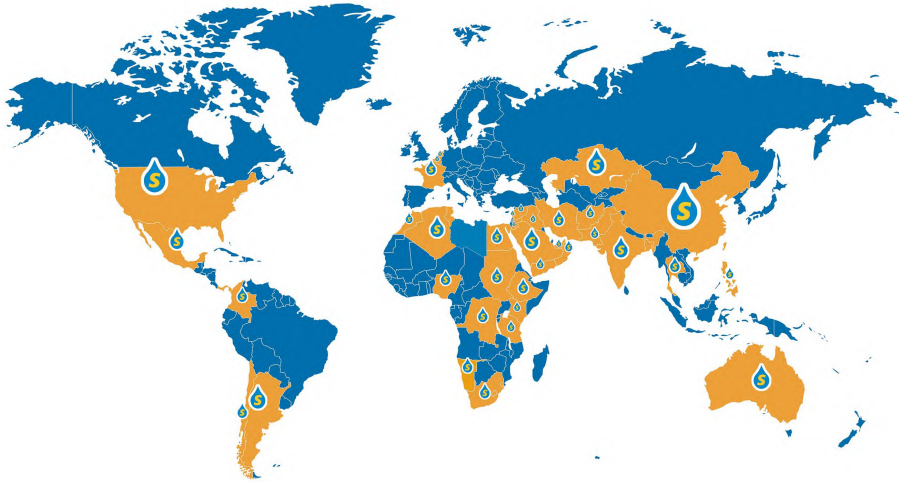


We insist on using the highest quality parts

Each inverter will be tested for 48 hours
at a high temperature of 50 degrees Celsius



▶▶ Our Application |



We have over **hundreds of cases** in more than **20 countries** all over the world to prove our **service and quality**.

You can trust **Solarseeker** !



Location:
Namibia
System:
Inverter 7.5kW/ Panel 8kW/ Pump 7.5kW



Location:
Afghanistan
System:
Inverter 4kW/ Panel 5kW/ Pump 4kW



Location:
Tanzania
System:
Inverter 2.2kW/ Panel 4kW/ Pump 2.2kW



Location:
Tanzania
System:
Inverter 5.5kW/ Panel 6kW/ Pump 5.5kW

▶▶ Optional parts



Pump



Combiner



Reactor



Panel



Cabinet

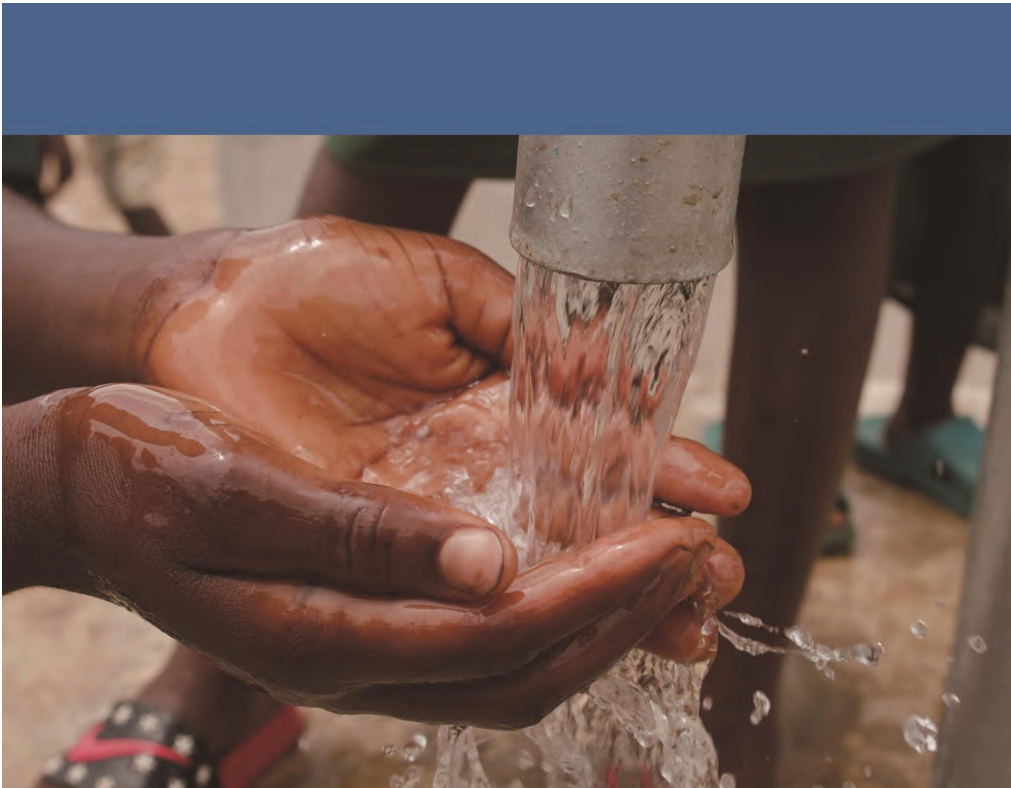
▶▶ Speical Function

Function	Detail
MPPT	Track panel maximum power up to 99%
Hybrid	Use solar power and generator power at the same time so make full use of panel power in the evening
Dryrunning	Stop working to protect dry running away from pump
Water sensor	Stop and start working with water level sensor signal
Lower voltage	Work with lower panel voltage and extend working time everyday
Output voltage	Improve output voltage to protect big power pump (more than 30kW) and extend working life 30%
Output frequency	Output stable frequency or stop working with unstable solar power to extend pump working life



▶ Introduction of the series

Model	SP1	SP2	SP3	SP4
Input DC				
Max DC (V)	450	450	450	800
Mini DC (V)	170	170	170	270
MPPT Range (V)	170-450	170-450	170-450	270-800
Input AC				
Rated AC (V)	220	220	220	380
Frequency (Hz)	47-63	47-63	47-63	47-63
Connect Method	Single Phase	Single Phase	Three Phases	Three Phases
Output AC				
Rated Power (kW)	0.75-2.2	0.75-4	4-7.5	0.75-250
Rated Current (A)	4-14	2.5-18	16-30	2.5-480
Frequency (Hz)	0-60	0-60	0-60	0-60
Connect Method	Single Phase	Three Phases	Three Phases	Three Phases
Others				
Motor Type	Asynchronous machine			
Ingress Protection	IP20			
Certification	CE			
Temperature	0-45°C			



深 / 圳 / 追 / 日 / 光 / 伏 / 有 / 限 / 公 / 司

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Inverter model	Voltage(V)	Inverter(kW)	Panel(kW)	Pump(kW)	Inverter model	Voltage(V)	Inverter(kW)	Panel(kW)	Pump(kW)
SP10R7	220	0.75	1.5	0.75	SP4007	380	7.5	8	7.5
SP11R5	220	1.5	3.0	1.5	SP4011	380	11	12	11
SP1002	220	2.2	4.4	2.2	SP4015	380	15	17	15
SP1004	220	4	8.0	4	SP4018	380	18.5	20	18.5
SP21R5	220	1.5	1.7	1.5	SP4022	380	22	24	22
SP2002	220	2.2	2.4	2.2	SP4030	380	30	33	30
SP2004	220	4	4.4	4	SP4037	380	37	41	37
SP31R5	220	1.5	1.7	1.5	SP4045	380	45	50	45
SP3002	220	2.2	2.4	2.2	SP4055	380	55	61	55
SP3004	220	4	4.4	4	SP4075	380	75	83	75
SP3005	220	5.5	6.1	5.5	SP4090	380	90	99	90
SP3007	220	7.5	8.3	7.5	SP4110	380	110	121	110
SP40R7	380	0.75	0.8	0.75	SP4132	380	132	145	132
SP41R5	380	1.5	1.7	1.5	SP4160	380	160	176	160
SP4002	380	2.2	2.4	2.2	SP4200	380	200	220	200
SP4004	380	4	4.4	4	SP4220	380	220	242	220
SP4005	380	5.5	6	5.5	SP4250	380	250	275	250

*Shen zhen Solarseeker
Co.Ltd*