VEICHI

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VEICHI

Solar Pump Inverter



BLDC pumping system

Photovoltaic pump specific | Plug and play | IP55



Product Features

Household PV Water Pump Inverter

Designed for household use， and applied to screw pumps, plastic impeller pumps, stainless steel impeller pumps, ground pumps and more.



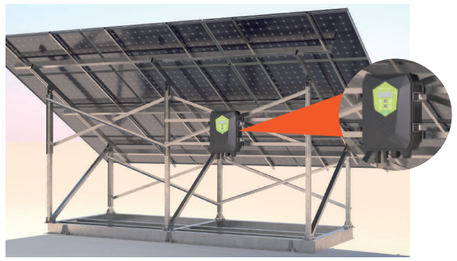
Plug and play, friendly interface

- Real-time working status, output power, output voltage, current, pump speed ect are displayed on the LED screen for full control;
- Simple installation with easy plug-and-play function saves complicated and cumbersome wiring.



Protection class：IP55

The SIV series has a high protection class and can be mounted on PV panel supports.



Cost Saving

The cost of the SIV series inverters and the pumps is approximately the same as the price of a conventional inverter.



Technical Specification







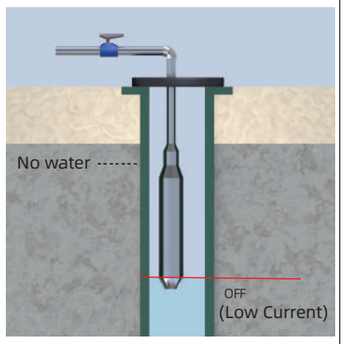


Photovoltaic pump	Screw pump	Plastic impeller pump	Stainless steel impeller pump	Surface pump
Size(inch)	3	3/4	3/4/6	1/2(outlet)
Max.flow(m^2/h)	2.2	20	40	45
Max.range(m)	180	195	203	65
Voltage(V)	24/48/72	24/48/72/110	24/48/72/110	24/48/72/110
Power(W)	80~1100	200~1500	300~1500	210~1500

Exclusive Solutions For Water Pump Applications

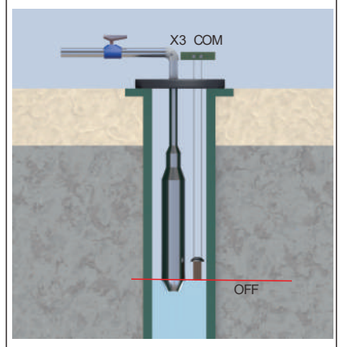
Dry running protection(No sensor)

When the well is empty, the output current will decrease, when the output current is lower than threshold value, dry running protection will be triggered



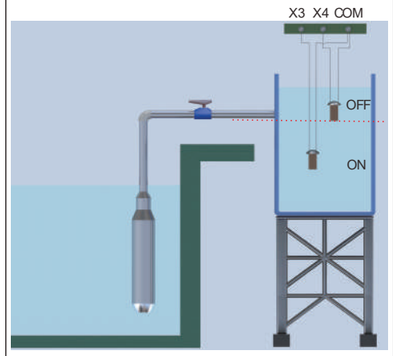
Dry running protection(One sensor)

When the downhole liquid level sensor detects water shortage, the frequency converter will enter into dry protection



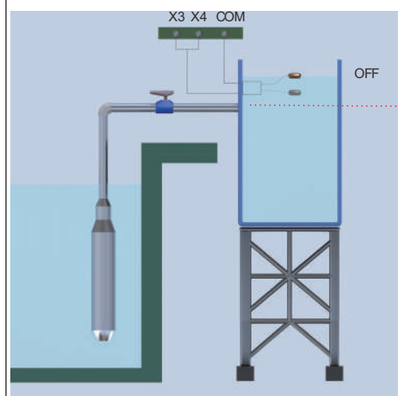
Water fulfil protection(Dual level sensor)

When the water level is higher than the high level sensor, it enters the water full protection. When the water level drops to the low level sensor, the inverter starts running



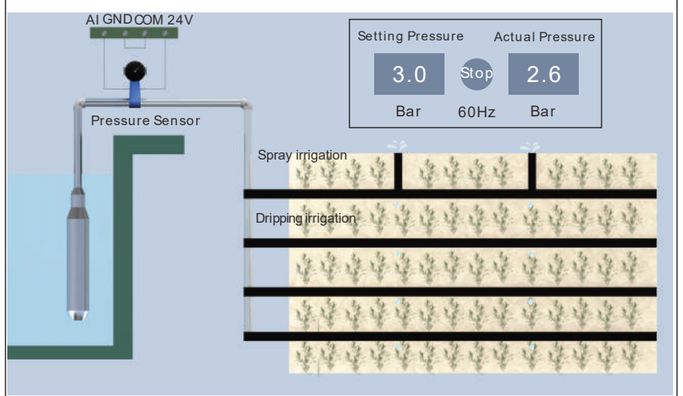
Water fulfil protection(Float switch)

The float switch controls the start and stop according to the liquid level

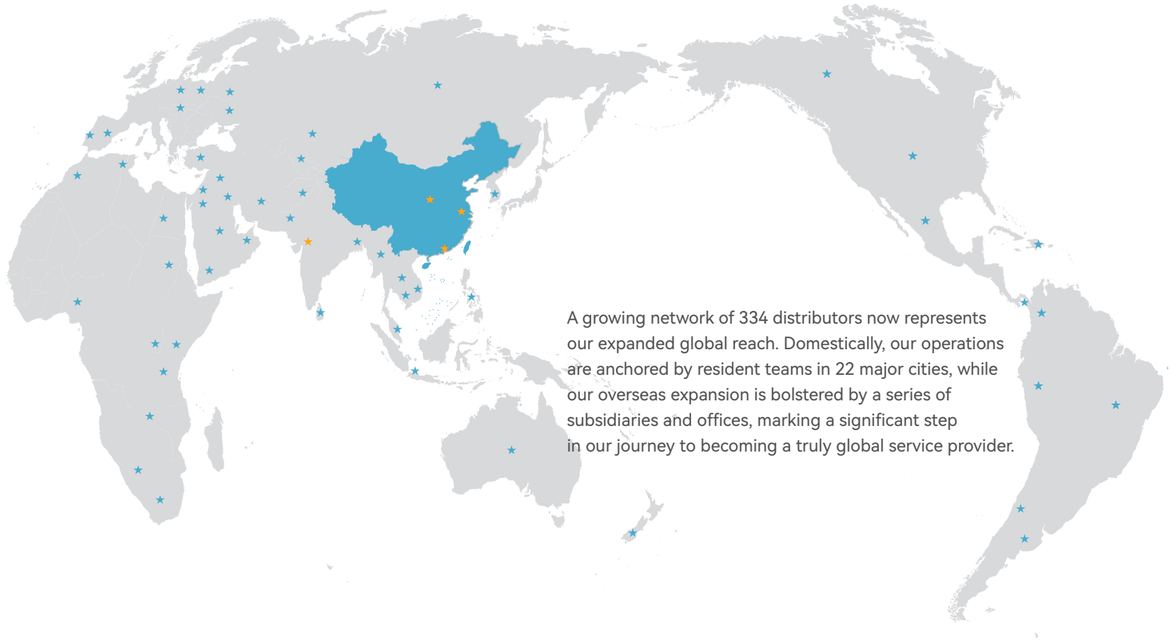


Constant pressure irrigation solution

Built-in PID algorithm, according to the pressure gauge feedback data to adjust the running frequency, to achieve constant pressure water supply



Service and Support



A growing network of 334 distributors now represents our expanded global reach. Domestically, our operations are anchored by resident teams in 22 major cities, while our overseas expansion is bolstered by a series of subsidiaries and offices, marking a significant step in our journey to becoming a truly global service provider.

01 Pre-sales

Technology promotion, site survey, proposal design, energy saving assessment

02 During-sales

Customization, design consultation, installation and commissioning, on-site training

03 After-sales

Regular return visits, regular maintenance, timelyrepairs, application instruction

