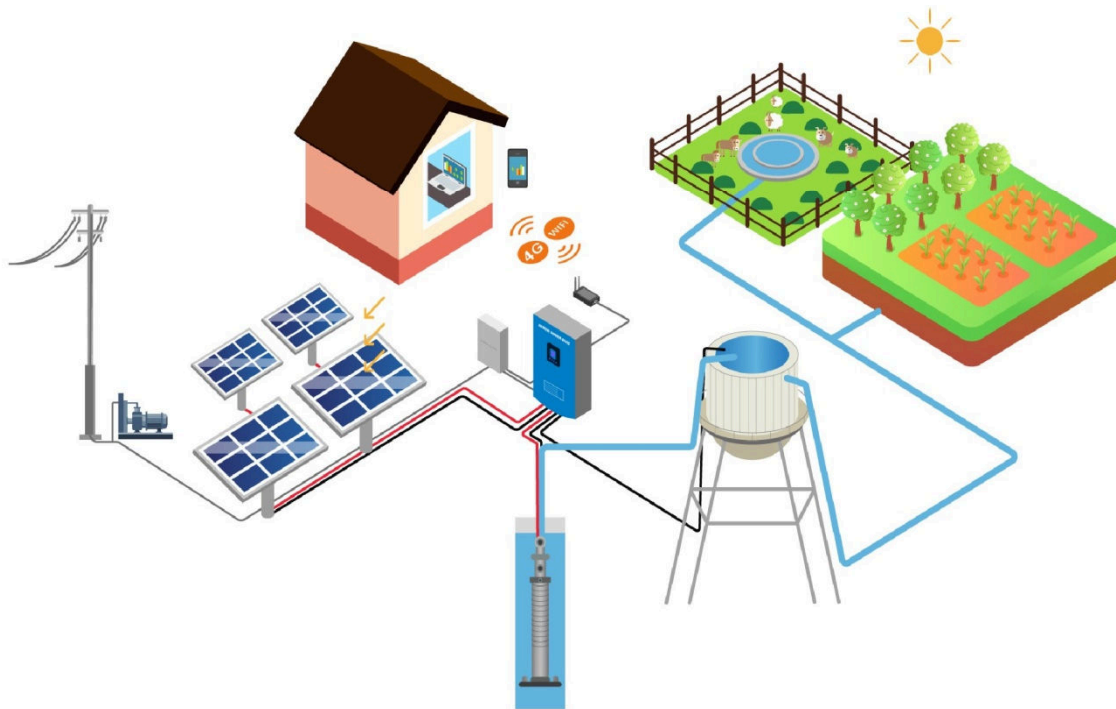




SOLAR PUMPING INVERTER



Smart:

Full automatic design, no need programming , easy install , operate & maintain
GPRS or SPMCS remote control via mobile or computer

Efficient:

30% more water output with advanced inverter control algorithm
Maximum power point tracking efficiency reach 99% with advanced MPPT algorithm
Good ROI (Return on Investment) against diesel powered pumping

Reliable:

Hybrid function – support solar power, grid power/generator dual input.
Multi power sources work as complementary to achieve system working 24 hours per day

Comprehensive Protections:

DC Input Anti-reverse
Solar Low power
AC Input/Output Phase lost(3Phase)
AC Output Short Circuit

AC Output Over Current
AC Output Unbalance (3Phase)
Over Load
Dry run protection By sensor/ software
Water Over Flow of Tank

Specification

Model		HSPH2200H	HSPH3700H	HSPH5500H	HSPH7500H	HSPH9200H
Solar Panel DC Input	Max Voc Voltage	900V				
	Min Vmp Voltage	400V				
	Recommend Vmp Voltage	≥ 500V (Only Solar), ≥ 560 V (Hybrid Power)				
	Max MPPT Efficiency	99%				
	Max Input Current	8 A	14 A	20A	26A	33A
	Number Of Strings	1	2	2	2	2
	Over load Power	3960W	6600W	9900W	12.8KW	16.5KW
	Note	Automatic MPPT Function to Identify the Voc and Vmp of Solar Panel,without programming				
Hybrid AC/Generator Input	Voltage	3 Phase 380/400/440V				
	Max Input Current	7 A	11 A	16 A	20 A	26A
	Hybrid Mode	Automatic .AC supplement automatic while solar is in low power mode and AC disconnect automatic while solar power recovery				
AC Output (For Pump, Rerator, Fan Parameters)	Max Adapted AC Pump Horse Power	3 HP	5 HP	7.5 HP	10 HP	13HP
	Max Adapted AC Pump Power	2200W	3700W	5500W	7500W	9200W
	Drive Mode	3Phase Variable Frequency Drive				
	Max Output voltage	380/400/440V				
	Max Output frequency	50 ~ 60 Hz (support program range 15 to 60Hz)				
	Max Output Current	10.5 A	15 A	21 A	28.5 A	31.5 A
Max Efficiency		97%				
Water Level Sensor(Borehole / Tank)		Yes				
GPRS SMS Monitor&Controller		YES(Optional)				
Support Remote Monitoring & Control System (SPMCS)		YES(Optional)				
Display		LCD display				
Waterproof		IP65				
Noise		< 50dB				
Cooling Method		Force Cooling by Fan (IP68)				
Operating Environment	Operating Environment Temperature	-10 to 60°C , Above 60°C need to derate load				
	Max Humidity	95%RH				
	Using Altitude	< 3000m, Above 3000m need to derate load				
	Others	Prohibiting the installation location: direct sunlight, thick dust, corrosive gas or oil mist, flammable gas, liquid.etc				
Package	Size	550*350*285 MM				
	Weight	14KG	14KG	14KG	14KG	15KG

