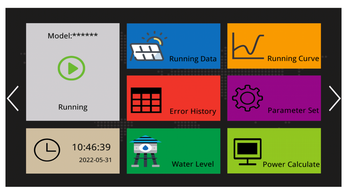
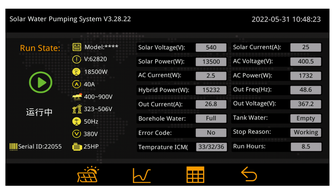
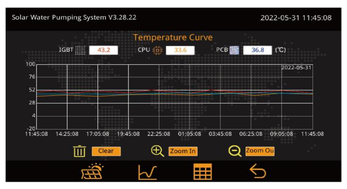
solar pumping inverter & electric box

1. Automatic Hybrid Power Input(Solar ,AC/Diesel /Battery power)
2. Automatic MPPT Function
3. 4G/Wifi Control/Monitoring
4. LCD display 1024*600 7"
5. Protection:
   Solar DC Input Anti-reverse
   AC Input/Output Phase lost(3Phase)
   AC Output Short Circuit
   AC Output Unbalance (3Phase)
   Pump Dry run (unload water)By sensor/ software
   Water Over Flow of Tank
   Solar Low power
   Against Lighting
6. Variable Frequency Drive the AC Pump (1Hz ~ 50/60Hz)







Model		HSPH110KH	HSPH132KH	HSPH160KH	HSPH200KH	HSPH220KH	HSPH250KH	HSPH280KH	HSPH315KH	HSPH355KH	HSPH400KH	HSPH450KH	HSPH500KH
Solar Panel DC Input	Max Voc Voltage	850V											
	Min Vmp Voltage	400V											
	Recommend Vmp Voltage	≥500V (Only Solar), ≥560 V (Hybrid Power)											
	Max MPPT Efficiency	99%											
	Related Input Current	264A	316A	368A	460A	506A	575A	644A	724A	816A	904A	1017A	1130A
	Number Of Strings	1	1	1	1	1	1	1	1	1	1	1	1
	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											
	Related Input Current	196A	240A	287A	359A	410A	441A	495A	565A	617A	687A	782A	840A
	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	146HP	176HP	213HP	266HP	293HP	333HP	373HP	420HP	473HP	533HP	600HP	666HP
	Max Adapted AC Pump Power	110KW	132KW	160KW	200KW	220KW	250KW	280KW	315KW	355KW	400KW	450KW	500KW
	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	210A	253A	304A	377A	426A	465A	520A	585A	650A	725A	820A	880A
Max Efficiency		99%											
Water Level Sensor(Borehole / Tank)		Yes											
4G/WIFI Module		YES(Optional)											
Support Remote Monitoring & Control System (SPMCS)		Yes											
Display		LCD Size :1024*600 7" resistiveTouch screen Display Information，Curve Display, Multi Language, parameters setting , time calibrate,update, Error history											
Others Input /Output		4~20MA input 2channel (can for water level sensor ,max support 200meter) 0~5V input 1 channel Output dry point for RUN/STOP 1channel Low power protection 1channel Inverter Power 1channel											
Electric		AC breaker 1pcs AC surge protector 1pcs Solar Breaker 1pcs Solar surge protector 1pcs											
Waterproof		IP21											
Noise		< 75dB											
Cooling Method		Force Cooling by Fan											
Operating Enviornment	Operating Environment Temperature	-10 to 60℃, Above 60℃ 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											
	Weight												