

2016

SOLAR
PUMPING
INVERTER
BROCHURE



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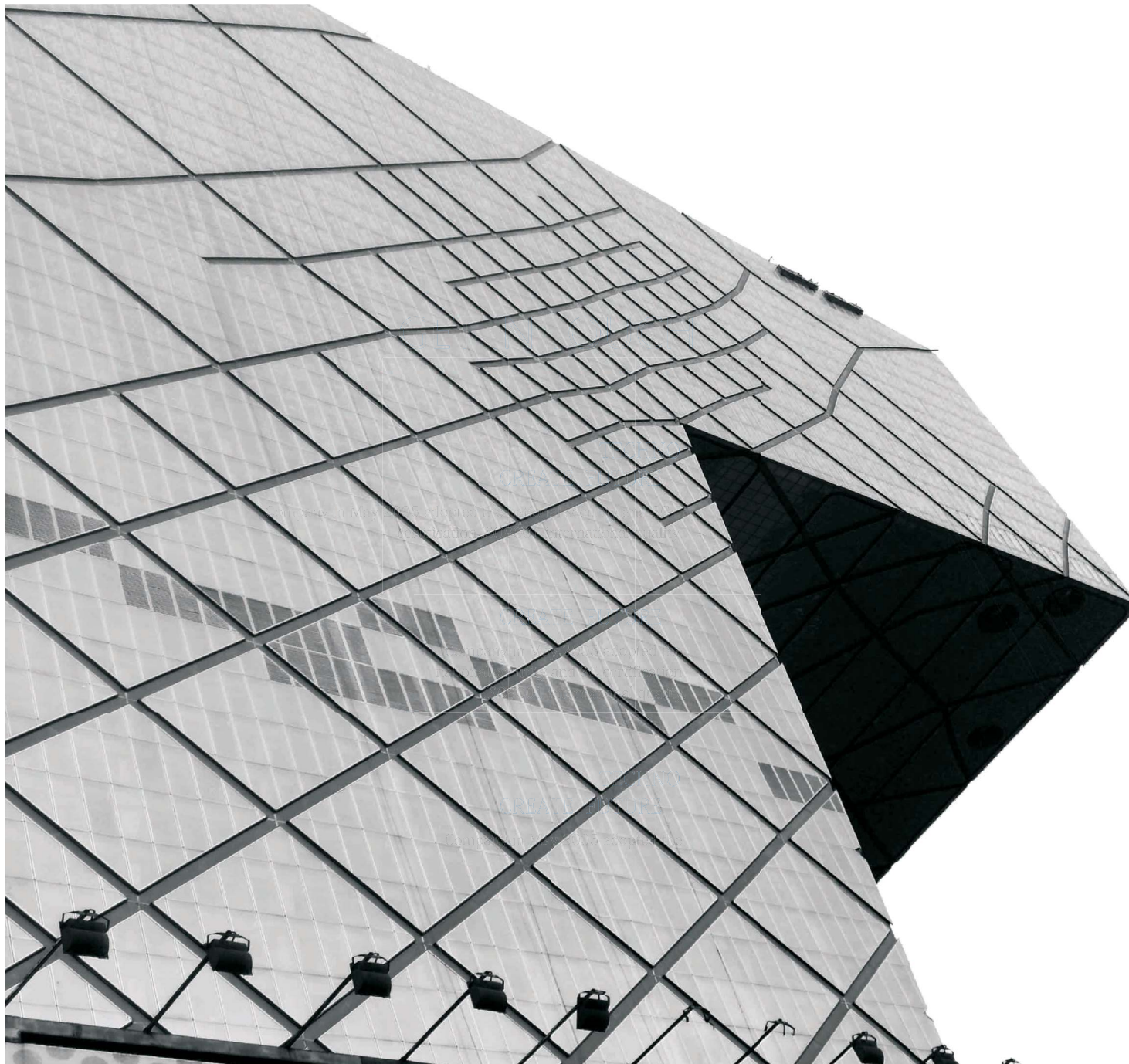
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SOLAR PUMPING **INVERTER** BROCHURE

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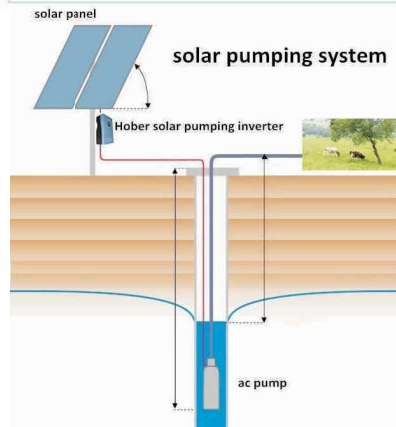
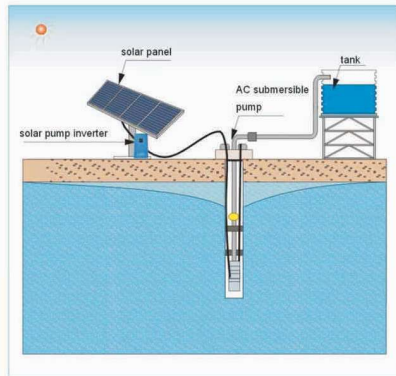
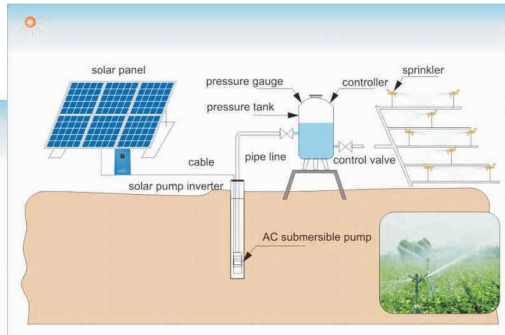
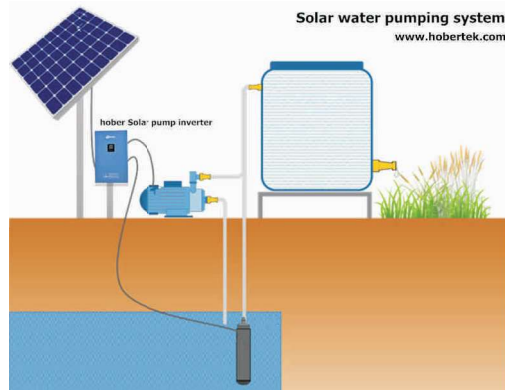


COMPANY PROFILE

Hober Technology Co.,LTD is a professional large-scale manufacturer of solar pump inverter, integrating development and production together. As a leader in china ,we have patent by ourselves and CE ,ISO90001 certification ,and still focus on research, development and innovation. Our company was established in 2009, Located near Hongkong which convenient sea, land and air transportation.

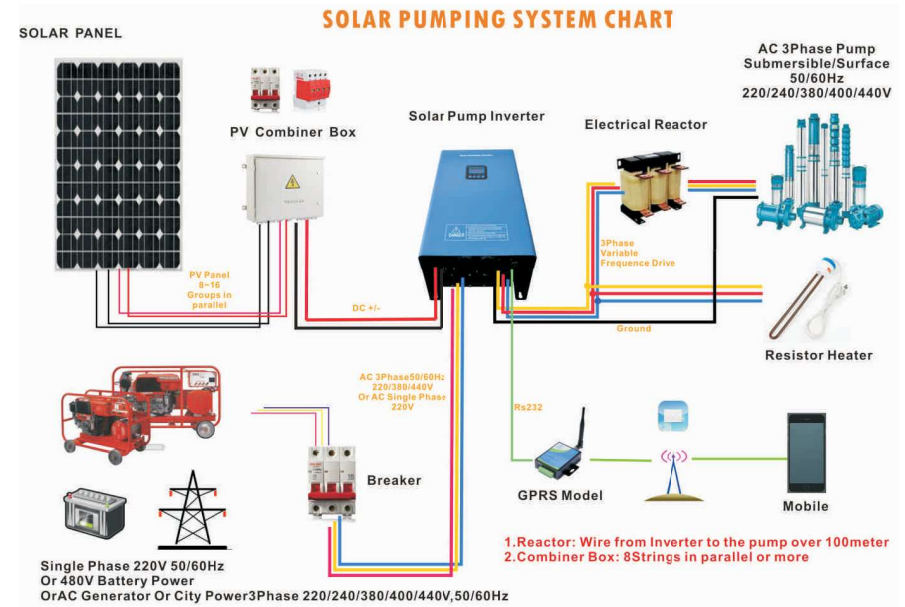
Already exporting to Asia, Australia, Africa and 20 other countries and regions. "reasonable prices, efficient production time and good after-sale service" are our tenets. We hope to cooperate with more customers for mutual development and benefits. and welcome potential buyers to contact us.

- Enterprise vision:
The leader of solar energy field
- Enterprise target:
Sunshine, water, good quality of life
- Business philosophy
Quality, service, innovation
- The spirit of enterprise:
Confidence, patience, responsibility heart; the right way of doing things, the spirit of teamwork.



SOLAR PUMPING SYSTEM

Solar pumping system is consist of solar panel, inverter/controller, AC pump. Applied for ground water pumping, agricultural irrigation, desert control, wastewater treatment engineering and fountain system. Etc...



SYSTEM CHART

- AC/Diesel/Battery mix with solar power input , automatic supplement by AC/Diesel/Battery power once low power of solar , and remove AC/Diesel/Battery power if enough of solar
- PV Combiner Box is for reduce the wiring and against the lightning. (It's optional, please use it if there is 8 groups or more of solar panel in parallel).
- Electric reactor is for protect the pump once the wire is over 100 meter from pump to the inverter
- Gprs model is for remote controlling/monitoring of the system.

PRODUCT TYPE NAMING RULE

Product Appearance:



HSPL/H 2200 H/L A/B

- Output Frequency A:50Hz B:60Hz
- AC Output Voltage, H:380/400/440V L:220/240V
- Rated Power of Inverter 2200W
- Company product code, Solar Pumping Inverter, L: Only Solar Power H: Hybrid AC/Battery/Solar Power

Performance of solar pumping inverter:

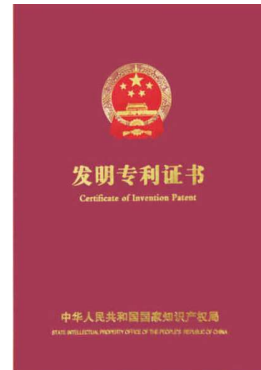
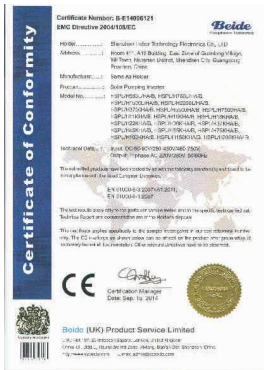
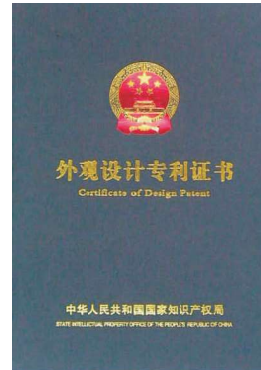
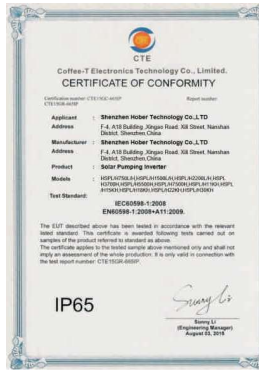
- Hybrid Power Input, support Solar, AC or Battery power input at the same time and Automatic supplement by AC/Battery power when low power of solar, achieve 24 hour working and stable pressure for irrigation. Etc.
- Second-Generation of MPPT algorithm, Automatic identification of Vmp/Voc of solar panel.
- IP65 Water Proof for outdoor installation.
- LED Type for Automatic Running, One-Key to startup/Stop and without setting.
- LCD Type for professional Customer with programming.
- Solar Booster for Low voltage startup (Save Cost of Solar Panel).
- GPRS SMS Control/Monitoring.
- Protection:
 - Input Anti-reverse
 - AC In/Out Phase lost
 - AC Output Short Circuit
 - Dry run By sensor/software.
 - Over Flow of Tank
 - Solar Low power protection
 - Against Lighting
 - AC output phase unbalance

PRODUCT MODEL

Model	Rated power (KW)	Solar Panel Voltage (Voc Min-Max)	Solar Panel Voltage (Vmp)	Hybrid AC Power	Hybrid Battery Power Voltage	Solar Booster (Input Voltage 55-95V)	Pump Voltage	Pump Frequency	Pump Power
HSP/L/H750L	0.75	200-450	≥ 300 (Only Solar) ≥ 340 (Hybrid Power)	Single Phase 220V, 50/60Hz	312V	Y	AC 3Phase 220/240V	50 ~ 60Hz	<750W
HSP/L/H1500L	1.5								<1500W
HSP/L/H2200L	2.2					N			<2200W
HSP/L/H750H	0.75	400-780	≥ 500 (Only Solar) ≥ 560 (Hybrid Power)	Three Phase 380/400/440V, 50/60Hz	480V	Y	AC 3Phase 380/400/440V		<750W
HSP/L/H1500H	1.5								<1500W
HSP/L/H2200H	2.2								<2200W
HSP/L/H3700H	3.7								<3700W
HSP/L/H5500H	5.5								<5500W
HSP/L/H7500H	7.5								<7500W
HSP/L/H11KH	11								<11KW
HSP/L/H15KH	15								<15KW
HSP/L/H18KH	18								<18KW
HSP/L/H22KH	22								<22KW
HSP/L/H30KH	30								<30KW
HSP/L/H37KH	37								<37KW
HSP/L/H45KH	45								<45KW
HSP/L/H55KH	55								<55KW
HSP/L/H75KH	75								<75KW
HSP/L/H100KH	100								<100KW
HSP/L/H150KH	150								<150KW

CERTIFICATES

MARKET



Solar pumping inverter applied to market of Spain, Morocco, Congo, Senegal , Mali, Algeria, Zimbabwe, Yemen, Egypt, Turkey, Australia, Pakistan ,India, Columbia , Germany, Denmark , Mexico etc.