

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 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. Wehope 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, thespirit of teamwork

Certificate:



**FOCUS
On
Solar
Pump
Inverter
Solution**

Factory:

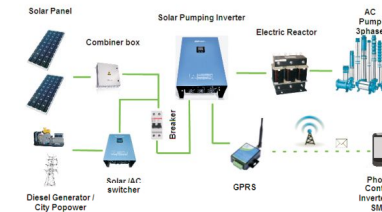


Solar Pumping System:

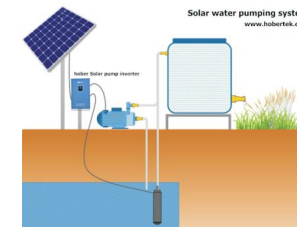
Solar Pumping System is consist of solar panel, inverter/Controller, AC pump.

Hober’s solar pumping inverter are convert the DC power of PV array to 3 phase AC power and drive the pump, Regulates the output frequency and let solar panel output the max power at all time.

Application: Agriculture Irrigation, Water Pumping, Home or Remote area water supply, etc.

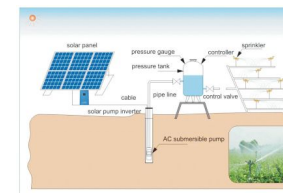


SOLUTION FOR LIVING HOUSE OR IRRIGATION:



Inverter with Solar Booster

- 4-6pcs of solar panel
- DC input Voltage(Voc) 55-95V
- 3Phase AC Submersible pump 220/380V. Max Power 1100W,50/60Hz



Hybrid Power Model @ 2016 Version

Solar Power input
Single Phase 220V or 3phase 220V/3Phase 380,440V input or Battery Input
3Phase AC Submersible/Surface pump 220/380/400/440V. 50/60Hz
Ac/Battery power supplement Automatic in the Dusk/Dawn/Night/Cloudy Days when the solar low power. the system fit for Home water supply, farm irrigation with stable pressure in the pipe.

Specification Parameter



Hober Solar Pumping Inverter Model		HSPL750LA/BX	HSPL750HA/BX	HSPL1500HA/BX
DC input	Rated Power(W)	750W	750W	1500W
	Min DC Input Voltage(V)	55v	55v	55v
	Max DC Input voltage(V)	95v	95v	95v
	Recommend DC Input Voltage(V)	62.5~95V	62.5~95V	62.5~95V
	MPPT Efficiency	>99%	>99%	>99%
AC output	Rated Power AC Voltage(V) 3-PH	220v	380v	380v
	Rated Power AC Current(A)	5	3	5.6
	Inverter Efficiency	99%	99%	99%
	Output frequency(Hz)	0~50/60	0~50/60	0~50/60
Water level sensor(water well)		Yes	Yes	Yes
Water level sensor(water tank)		Yes	Yes	Yes
AC Switcher		/	/	/
GPRS Monitor&Controller		Optional	Optional	Optional
Protection type		Ip54 DC Input Low/Over Voltage DC Input Anti-Reverse Output Overload, Output Short circuit Over Temperature Sensor of Tank/Well water Empty /Full Lightning		
Operating environment:	Noise(1 m)	<50dB		
	Operating environment temperature	-10 to 60 Degree		
	Humidity	15%~95%RH		
	Using altitude(m)	<4000Altitude higher than 1000m pls consider to use less loads)		
	Others	Prohibiting the installation location: direct sunlight, thick dust, corrosive gas or oil mist, flammable gas, liquid.etc		
Adapted Pump	HP	≤1HP	≤1HP	≤2HP
	Rated Power(W)	≤750W	≤750W	≤1500W
	Rated Frequency (Hz)	0~50/60	0~50/60	0~50/60
	Rated voltage(Vac)	AC-220V -3 phase	AC-380V -3 phase	AC-380V -3 phase
Solar Panel	Installation watts	1.8~2 times AC 3 phase pump power	1.8~2 times AC 3 phase pump power	1.5~1.8 times AC 3 phase pump power

Features:

- ◆ Build In the DC-DC Booster. Best Configuration of Solar Panel.
- ◆ Second Generation of MPPT Algorithm. Automatic detecting the MPPT Voltage
- ◆ Non-parameters to setting.
- ◆ One Key for Startup/ Stop
- ◆ Support adjusting the output water flow
- ◆ Fast and simple installation
- ◆ Long life expectancy and proven in service record,
- ◆ No need battery(water storage replaces battery power storage)
- ◆ LED Display
- ◆ Well and Tank's water level detecting, Optional of pressure sensor.
- ◆ RS485
- ◆ GPRS Control Optional, With LCD Display
- ◆ Cooling: Fan

Dimension(W*D*H mm)/ Weight(KG):

- ◆ 480*300*250 , 10 (KG)

Certificates:

CE EMC/LVD
EN 62109 -1:2010, EN 62109 -2:2011, EN 610000 -6 -3:2007, A1:2011, EN 610000-6-1:2007

Specification Parameter



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- ◆ RS485
- ◆ GPRS Control Optional, With LCD Display
- ◆ Cooling: Fan

Dimension(W*D*H mm)/ Weight(KG):

- ◆ 370*265*165 , 9 (KG)

Certificates:

CE EMC/LVD
EN 62109-1:2010, EN 62109-2:2011, EN 61000-6-3:2007, A1:2011, EN 61000-6-1:2007

Hober Solar Pumping Inverter Model		HSPL750LAB	HSPL1500LA/B	HSPL2200LA/B	HSPL2200HA/B	HSPL3700HA/B
DC input	Rated Power(W)	750W	1500W	2200W	2200W	3700W
	Min DC Input Voltage(V)	250V	250V	250V	460V	460V
	Max DC Input voltage(V)	450V	450V	450V	750V	750V
	Rated Power Of DC Input Voltage Request (V)	290~450V	290~450V	290~450V	500-750V	500-750V
	MPPT efficiency	>99%	>99%	>99%	>99%	>99%
AC output	Rated Power AC voltage (v) 3phase	220v	220v	220v	380v	380v
	Rated Power AC current (A)	5.1	7	11	7.2	10
	Inverter efficiency	99%	99%	99%	99%	99%
	Output frequency(Hz)	0~50/60	0~50/60	0~50/60	0~50/60	0~50/60
Water level sensor(water well)		Yes	Yes	Yes	Yes	Yes
Water level sensor(water tank)		Yes	Yes	Yes	Yes	Yes
AC Switcher		Optional	Optional	Optional	Optional	Optional
GPRS Monitor&Controller		Optional	Optional	Optional	Optional	Optional
Protection type		Ip65 DC Input Low/Over Voltage DC Input Anti-Reverse Output Overload, Output short circuit Over temperature Sensor of Tank/Well water Empty /Full Lightning				
Operating environment:	Noise(1 m)	< 50dB				
	Operating environment temperature	-10 to 60 Degree				
	Humidity	15%~+95%RH				
	Using altitude(m)	< 4000Altitude higher than 1000m pls consider to use less loads)				
	Others	Prohibiting the installation location: direct sunlight, thick dust, corrosive gas or oil mist, flammable gas, liquid.etc				
Adapted Pump	HP	≤1HP	≤2HP	≤3HP	≤3HP	≤5HP
	Rated Power(W)	≤750W	≤1500W	≤2200W	≤2200W	≤3700W
	Rated Frequency (Hz)	0~50/60	0~50/60	0~50/60	0~50/60	0~50/60
	Rated voltage(Vac)	AC-220V -3 phase	AC-220V -3 phase	AC-220V -3 phase	AC-380V -3 phase	AC-380V -3 phase
Solar Panel	Installation watts	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power

Specification Parameter



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- ◆ LED Display
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- ◆ RS485
- ◆ GPRS Control Optional, With LCD Display
- ◆ Cooling: Fan

Dimension(W*D*H mm)/ Weight(KG):

- ◆ 540*350*260 , 23 (KG)

Certificates:

CE EMC/LVD
EN 62109-1:2010, EN 62109-2:2011, EN 610000-6-3:2007, A1:2011, EN 610000-6-1:2007

Hober Solar Pumping Inverter Model		HSP5500HA/B	HSP7500HA/B	HSPL11KHA/B	HSPL15KHA/B
DC input	Rated Power(W)	5500W	7500W	11000W	15000W
	Min DC Input Voltage(V)	460V	460V	460V	460V
	Max DC Input voltage(V)	750V	750V	750V	750V
	Rated Power Of DC Input Voltage Request(V)	500-750V	500-750V	500-750V	500-750V
	MPPT efficiency	>99%	>99%	>99%	>99%
AC output	Rated Power AC voltage (v) 3phase	380v	380v	380v	380v
	Rated Power AC current (A)	13	18	24	30
	Inverter efficiency	99%	99%	99%	99%
	Output frequency(Hz)	0~50/60	0~50/60	0~50/60	0~50/60
Water level sensor(water well)		Yes	Yes	Yes	Yes
Water level sensor(water tank)		Yes	Yes	Yes	Yes
AC Switcher		Optional	Optional	Optional	Optional
GPRS Monitor&Controller		Optional	Optional	Optional	Optional
Protection type		Ip65 DC input Low/Over Voltage DC Input Anti-Reverse Output Overload, Output short circuit Over temperature Sensor of water Empty /Full (Water empty of Well and Water full of Tank) Lightning Dry run protection by software			
Operating environment:	Noise(1 m)	<50dB			
	Operating environment temperature	-10 to 60 Degree			
	Humidity	15%~95%RH			
	Using altitude(m)	<4000Altitude higher than 1000m pls consider to use less loads)			
	Others	Prohibiting the installation location: direct sunlight, thick dust, corrosive gas or oil mist, flammable gas, liquid.etc			
Adapted Pump	HP	≤7.5HP	≤10HP	≤15HP	≤20HP
	Rated Power(W)	≤5500W	≤7500W	≤11000W	≤15000W
	Rated Frequency (Hz)	0~50/60	0~50/60	0~50/60	0~50/60
	Rated voltage(Vac)	AC-380V -3 phase	AC-380V -3 phase	AC-380V -3 phase	AC-380V -3 phase
Solar Panel	Rated Power(W)	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power

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- ◆ LED Display
- ◆ Well and Tank's water level detecting, Optional of pressure sensor.
- ◆ RS485
- ◆ GPRS Control Optional, With LCD Display
- ◆ Cooling: Fan

Dimension(W*D*H mm)/ Weight(KG):

- ◆ 570*380*280 , 22 (KG)

Certificates:

CE EMC/LVD
 EN 62109-1:2010, EN 62109-2:2011, EN 610000-6-3:2007+A1:2011,EN 610000-6-1:2007

Hober Solar Pumping Inverter Model		HSPL18KHA/B	HSPL22KHA/B	HSPL30KHA/B
DC input	Rated Power(W)	18500W	22000W	30000W
	Min DC Input Voltage(V)	460V	460V	460V
	Max DC Input voltage(V)	750V	750V	750V
	Rated Power Of DC Input Voltage Request(V)	500-750V	500-750V	500-750V
	MPPT efficiency	>99%	>99%	>99%
AC output	Rated Power AC voltage(v) 3phase	380v	380v	380v
	Rated Power AC current(A)	39	45	60
	Inverter efficiency	99%	99%	99%
	Output frequency(Hz)	0~50/60	0~50/60	0~50/60
Water level sensor(water well)		Yes	Yes	Yes
Water level sensor(water tank)		Yes	Yes	Yes
AC Switcher		Optional	Optional	Optional
GPRS Monitor&Controller		Optional	Optional	Optional
Protection type		Ip65 DC input Low/Over Voltage DC Input Anti-Reverse Output Overload, Output short circuit Over temperature Sensor of water Empty /Full (Water empty of Well and Water full of Tank) Lightning Phase missing protect Dry run protection by software		
Operating environment:	Noise(1 m)	<50dB		
	Operating environment temperature	-10 to 60 Degree		
	Humidity	15%~+95%RH		
	Using altitude(m)	<4000Altitude higher than 1000m pls consider to use less loads)		
	Others	Prohibiting the installation location: direct sunlight, thick dust, corrosive gas or oil mist, flammable gas, liquid.etc		
Adapted Pump	HP	≤25HP	≤30HP	≤40HP
	Rated Power(W)	≤18500W	≤22000W	≤30000W
	Rated Frequency (Hz)	0~50/60	0~50/60	0~50/60
	Rated voltage(Vac)	AC-380v -3 phase	AC-380v -3 phase	AC-380v -3 phase
Solar Panel	Rated Power(W)	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power

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- ◆ LED Display
- ◆ Well and Tank's water level detecting, Optional of pressure sensor.
- ◆ RS485
- ◆ GPRS Control Optional, With LCD Display
- ◆ Cooling: Fan

Dimension(W*D*H mm)/ Weight(KG):

- ◆ 850*550*480 , 60 (KG)

Certificates:

CE EMC/LVD
EN 62109-1:2010, EN 62109-2:2011, EN 61000-6-3:2007, A1:2011, EN 61000-6-1:2007

Hober Solar Pumping Inverter Model		HSPL37KHA/B	HSPL45KHA/B	HSPL55KHA/B	HSPL75KHA/B	HSPL100KHA/B
DC input	Rated Power(W)	37000W	45000W	55000W	75000W	100000W
	Min DC Input Voltage(V)	460v	460v	460v	460v	460v
	Max DC Input voltage(V)	750v	750v	750v	750v	750v
	Rated Power Of DC Input Voltage Request(V)	500-750v	500-750v	500-750v	500-750v	500-750v
	MPPT efficiency	>99%	>99%	>99%	>99%	>99%
AC output	Rated Power AC voltage (v) 3 phase	380v	380v	380v	380v	380v
	Rated Power AC current(A)	75	91	112	150	200
	Inverter efficiency	99%	99%	99%	99%	99%
	Output frequency(Hz)	0~50/60	0~50/60	0~50/60	0~50/60	0~50/60
Water level sensor(water well)		Yes	Yes	Yes	Yes	Yes
Water level sensor(water tank)		Yes	Yes	Yes	Yes	Yes
AC Switcher		Optional	Optional	Optional	Optional	Optional
GPRS Monitor&Controller		Optional	Optional	Optional	Optional	Optional
Protection type		Ip54 DC Input Low/Over Voltage DC Input Anti-Reverse Output Overload, Output short circuit Over temperature Sensor of water Empty /Full (Water empty of Well and Water full of Tank) Lightning / Phase missing protect Dry run protection by software				
Operating environment:	Noise(1 m)	<50dB				
	Operating environment temperature	-10 to 60 Degree				
	Humidity	15%~+95%RH				
	Using altitude(m)	<4000Altitude higher than 1000m pls consider to use less loads)				
	Others	Prohibiting the installation location: direct sunlight, thick dust, corrosive gas or oil mist, flammable gas, liquid.etc				
Adapted Pump	HP	≤50HP	≤60HP	≤75HP	≤100HP	≤133HP
	Rated Power(W)	≤37000w	≤45000w	≤55000w	≤75000w	≤100000w
	Rated Frequency (Hz)	0~50/60	0~50/60	0~50/60	0~50/60	0~50/60
	Rated voltage(Vac)	AC-380v -3 phase	AC-380v -3 phase	AC-380v -3 phase	AC-380v -3 phase	AC-380v -3 phase
Solar Panel	Rated Power(W)	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power	1.3~1.5 times AC 3 phase pump power