



<https://www.srssolargroup.com>



**Sky Resources Solar Technology CO.,LTD.**

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**Sky Resources Solar Technology CO.,LTD.**  
**广东宇之源太阳能科技有限公司**



Official website



Facebook



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**24 Years Solar PV Intelligent Application**

## Company Introduction



Sky Resources Solar (Group) was established on March 28th, 2000, is a national high-tech enterprise, owns Sky Resources Solar technology Co., Ltd, Sky Resources Solar technology (Jiangxi) Co., Ltd, Tianzhi yuan lighting technology (Xinyu) Co., Ltd, Dongguan Thingstalk technology Co., Ltd, Sky Resources Solar technology (Guizhou) Co., Ltd, Sky Resources Solar technology (Chongqing) Co., Ltd, Sky Resources Solar technology (Shanghai) Co., Ltd, Sky Resources Solar technology (Fujian) Co., Ltd, Sky Resources Solar technology (Bijie) Co., Ltd, Sky Resources Intelligent Solar technology (Guangxi) Co., Ltd, etc. We have opened 27 branch companies in all over the world.

The company's main products are divided into three major sectors, the first is SRS brand solar government project, the second is Sky Energy brand solar civilian products, the third is Astand brand intelligent system solutions (such as smart city, intelligent community, smart campus, smart home), the main products are separated intelligent city solar street lights, intelligent monitoring solar street lights, solar multi-functional lawn lights, solar smart power station, solar intelligent water pump, solar energy insects killer, IOT + solar traffic lights, etc.

The company's business development mainly seeks partners to establish service centers in various cities, and develops alliance stores in various towns and villages. The online sales system and offline business are in line with the future sharing economy model. We welcome people from all over the world to cooperate together.

## Company value

- Standard member of IOT.
- Reward the "High-tech" enterprise honor for many years.
- It has 6 production bases, 27 branch companies, and exports to more than 200 countries and regions.
- SRS 24 years R&D and production experience, technology precipitation, focusing on solar PV intelligent applications.
- More than 185 patents, 19 invention patents, 2 National Golden medals, participated in making the 2 national standards and 7 industrial provincial standards.
- Has developed 9 series of more than 1300 products, most of which have joined the intelligent function, upgraded to the Internet Of Things (city) environment application products, from the aspect of hardware and software to achieve big data intelligent (city) system solutions software and hardware manufacturer.

**2 National patent golden medals • 19 Invention patents • 185 Utility model and design patents.**



2 National Golden medals



Invention Patent certification



Participated in making the 9 national standards

## Brand value

- More than 500 authoritative online media promote SRS brand.
- 10 search engines, such as Google, Youtube, Facebook, LinkedIn, Twitter, Baidu, 360, Sogou, Youdao and other year-round brand promotion.
- 30 video platforms, such as sohu, Tudou, Tencent, Iqiyi, Youku, Ku6 and other platforms home show the brand.
- Authoritative reports from a number of high-end magazines, "Vista", "Global People", "Brand Weekly" and other media.
- CCTV1/CCTV2/CCTV7/CCTV10 four major video channels on the list, you can search for "SRS CCTV" on the mobile phone/network.
- Ranked No.1 in China's Top Ten Solar Street Light Brands by China Brand Network ([www.china10.org](http://www.china10.org)), Brand Weekly ([www.china2000.org](http://www.china2000.org)) and more than 20 national and industry website authoritative organizations, use mobile phone/computer search China's top ten solar street light brands and get results.



## Company certificates



## Company activities



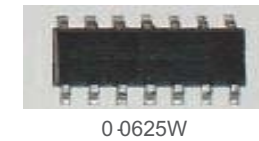
## Solar street lamp working principle diagram



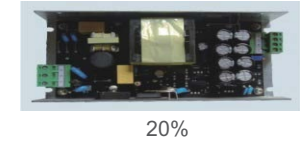
- 1,3,4 are charging, 1,2,3 are discharging
- Automatically lighting up in the evening and lighting off in the morning

## Advantage 1: saving more 80% power

1. SRS patent controller consumes only 0.0625W, which replaces the regular driver, save 20% power

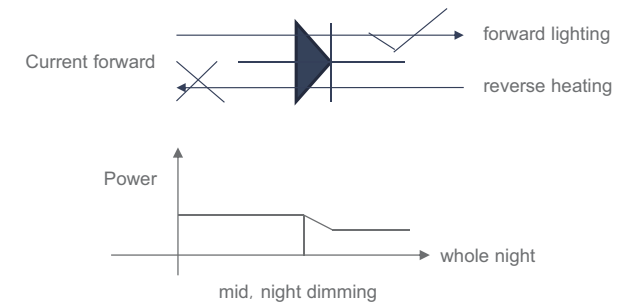


0.0625W



20%

- 2 - According to the LED characteristics of forward conduction and reverse heating+turn off the reverse heating power+keep the same brightness effect, and save 50% power



- 3 - After mid, night few cars and people+taking the digital dimming technology save 10% power

In a word: through above 3 steps to save 80%,so we can longer 5 times rainy days. if regular solar light can work 15-20hrs, but SRS solar light can work more than 75hrs. with Brand New LiFePO4 Lithium battery long life span , we solve the global technical bottleneck of solar street lamps can not work in long rainy days

## Advantage 2: AI intelligent technology to achieve customization

Based on the 80% saving power, through the AI intelligent digital power technology ,better customized according to local sunshine and rainy days

- 1 - Either 5 times longer than conventional technology
- 2 - Or increase 5 times brightness
- 3 - Or decrease 80% cost +to save power+save money -
- 4 - Or customized to increase some brightness+longer a few rainy days, decrease some costs



## Solar Energy Storage System



Solar Portable Generator System is an all-in-one solution, which integrates an inverter and a LifePO4 battery into one unit. Solar Energy offers an economical and self-sufficiency solution allowing homeowners to seamlessly store excess solar energy during the daytime to power their home both day and night. Product features including an Lithium-ion battery module which is lighter than lead-acid batteries and a compact/elegant design. Moreover, It is easy to charging by both solar and AC power



Model	YZY-TL-500L	YZY-TL-500H	YZY-TL-1000	YZY-TL-1500
LiFePO4 battery	384WH	512WH	768WH	1280WH
Ac output	220V 500W	220V 500W	220V 1000W	220V 1500W
Solar panel (option)	18V 120W	18V 150W	18V 150W*2	18V 250W*2
USB/TypeC	USB*2pcs/TypeC*2pcs		USB*4pcs/TypeC*2pcs	
Dc output	12V 10A			
Charging	14.6V (adapter) 18V(solar panel)			
Conversion	95%-98%			
LED	3W			
Material	Al			
Size	30*15*15CM	30*15*15CM	37*20*20CM	42*20*20CM





## Solar Energy Storage System



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### Key Features

- Pure sine wave output
- 2000 cycles LifePO4 battery and has a 10 years service life
- The mains input automatically turns on and activate the LifePO4 battery
- PV input activate the LifePO4 battery
- The mains supply mode/battery mode can be set for flexible
- Convenient and practical 5VDC-USB2.0;and 12VDC output port;
- MPPT Controller greatly improving the charging efficiency more than 20%
- Overcharge protection and over discharge protection for a longer battery life;
- Safe and reliable with intelligent exhaust fan control
- Overload automatic protection and alarms including AC output overload protection, short circuit protection. Etc



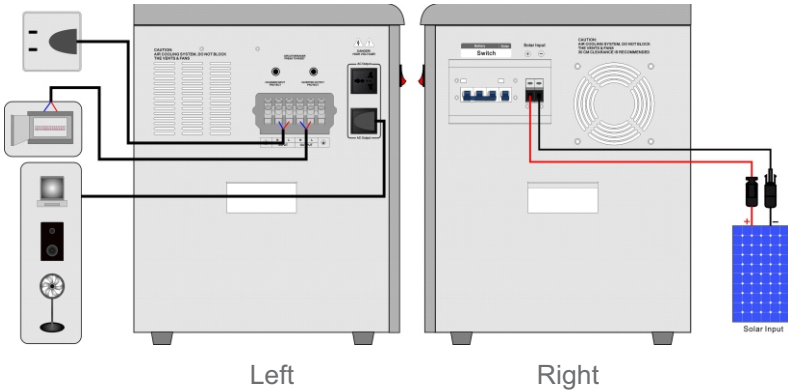
Model		YZY-TL-1000W	YZY-TL-1500W	YZY-TL-2000W
Battery Voltage		25.6V	25.6V	25.6V
Inverter				
Rated Power		1000W	1500W	2000W
Ac Input	Mains charging current	15A-20A		
	Input Voltage Range	140-275V		170-275V
	Input Frequency	45-65Hz		
Ac Output	Output Voltage	230VAC		
	Output Frequency	50/60Hz		
	Output Wave	Pure Sine Wave		
Specification Of Built-in LifePO4 Battery		2000 times D.O.D 80%; Standard discharge current 50A	2000 times D.O.D 80%; Standard discharge current 100A	2000 times D.O.D 80%; Standard discharge current 100A
LifePO4 Battery Capacity		25.6V-50AH(1280WH)	25.6V-100AH(2560WH)	25.6V-100AH(2560WH)
Solar Input				
Max. PV Power		820W	820W	820W
Range Of Charging Voltage		35-100VDC	35-100VDC	35-100VDC
Rated Charge Current		30A(MPPT)	30A(MPPT)	30A(MPPT)
Voltage for Floating Charge		28.4VDC	28.4VDC	28.4VDC
DC Output				
Low Voltage Recovery Voltage		26.8VDC	26.8VDC	26.8VDC
Low Voltage Protection Voltage		22.4VDC	22.4VDC	22.4VDC
5VDC USB Output		2 pieces USB2.0 5VDC2.4A(Max)		
12VDC Output Ports		2 pieces MAX 2A		
PHYSICAL				
Heat Dissipation/Cooling		Temperature control by intelligent exhaust fan		
Display		Digital LCD+LED		
External Size:W*D*H(mm)		480*192*410mm	497*282*440mm	497*282*440mm
Package Size:W*D*H(mm)		527*277*475mm	557*377*515mm	557*377*515mm
N.W (Net Weight)		25kg	38kg	42kg
G.W (Gross Weight)		27kg	42kg	45kg



# Solar Energy Storage System



Solar Energy Storage System is an all-in-one solution, which integrates an inverter and a LifePO4 battery into one unit. Solar Energy offers an economical and self-sufficiency solution allowing homeowners to seamlessly store excess solar energy during the daytime to power their home both day and night. Product features including an Lithium-ion battery module which is lighter than lead-acid batteries and a compact/elegant design. Moreover, Solar Energy offers 3 operation modes settings to adapt to individual houses. It is easy to configure between different operation modes based on user's needs regarding their energy management, include User-programmable PV power supply priority, charging source priority.



## Key Features

- Pure sine wave output
- 2000 cycles lifePO4 battery and has a 10 years service life
- The mains input automatically turns on and activate the lifePO4 battery
- The mains supply mode/energy-saving mode/battery mode can be set for flexible
- Convenient and practical 5VDC-USB2.0; and 12VDC output port
- MPPT Controller greatly improving the charging efficiency more than 20%
- Overcharge protection and over discharge protection for alonger battery life
- Safe and reliable with intelligent exhaust fan control
- Overall automatic protection and alarms including AOutput overload protection,short circuit protection. Etc

Model		YZY-TL-2000W	YZY-TL-3000W	YZY-TL-4000W	YZY-TL-5000W
Battery Voltage		25.6V	51.2V	51.2V	51.2V
Inverter					
Rated Power		2000W	3000W	4000W	5000W
Ac Input	Mains charging current	30A			
	Input Voltage Range	175-275V			
	Input Frequency	45-65Hz			
Ac Output	Output Voltage	220VAC			
	Output Frequency	50/60Hz			
	Output Wave	Pure Sine Wave			
Specification Of Built-in LifePO4 Battery		2000 times D.O.D 80%; Standard discharge current 100A	2000 times D.O.D 80%; Standard discharge current 100A	2000 times D.O.D 80%; Standard discharge current 120A	2000 times D.O.D 80%; Standard discharge current 150A
LifePO4 Battery Capacity		25.6V150AH(3840WH)	51.2V-100AH(5120WH) 51.2V-150AH(7680WH)	51.2V-150AH(7680WH) 51.2V-200AH(10240WH)	51.2V-180AH(9216WH) 51.2V-200AH(10240WH)
Solar Input					
Max. PV Power		1600W	3200W	3200W	3200W
Range Of Charging Voltage		35-150VDC	65-150VDC	65-150VDC	65-150VDC
Rated Charge Current		60A(MPPT)			
Voltage for Floating Charge		28.4VDC	56VDC		
DC Output					
Low Voltage Recovery Voltage		26.8VDC	46.4VDC	46.4VDC	46.4VDC
Low Voltage Protection Voltage		22.4VDC	44.6VDC	44.6VDC	44.6VDC
5VDC USB Output		2 pieces USB2.0 5VDC2.4A(Max)			
12VDC Output Ports		2 pieces MAX 2A			
PHYSICAL					
Heat Dissipation/Cooling		Temperature control by intelligent exhaust fan			
Display		Digital LCD+LED			
External Size:W*D*H(mm)		620*420*580mm			
Package Size:W*D*H(mm)		720*520*760mm			
N.W (Net Weight)		70kg	75kg	86kg	92kg
G.W (Gross Weight)		90kg	95Kg	105kg	128kg



Solar flood lights

Application places : garden ,yard , rural eaves, gate house, wall lighting, emergency power, farms, farmhouse, fishing field, basketball court, golf course, the campus road lighting, schools, welfare institutions, etc.



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-005	5V 10W	3.2V 6Ah	100W	61cs SMD5730	>24Hrs	2-3M	time/remote/ light control	12Hrs/day	6-8Hrs
YZY-LL-006	5V 15W	3.2V 15Ah	200W	344pcs SMD2835		3-4M			
YZY-LL-007	5V 25W	3.2V 20Ah	300W	572pcs SMD2835	>36Hrs	4-5M			
YZY-LL-008	5V 35W	3.2V 30Ah	400W	925pcs SMD2835		5-6M			



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-130	6V 10W	3.2V 6Ah	150W	140pcs SMD2835	>36Hrs	2-3M	Intelligent/light/time/ remote control	12Hrs/day	8Hrs
YZY-LL-131	6V 20W	3.2V 12Ah	200W	216pcs SMD2835		3-4M			
YZY-LL-132	6V 30W	3.2V 24Ah	300W	396pcs SMD2835	>60Hrs	4-5M			
YZY-LL-133	6V 40W	3.2V 36Ah	400W	600pcs SMD2835	>72Hrs	5-7M			



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-106	6V 30W	3.2V 36Ah	100W	200pcs SMD5730	>72Hrs	5-6M	Intelligent/light/time/ remote control/ radar sensor	12Hrs/day	6-8Hrs
YZY-LL-107	6V 40W	3.2V 48Ah	200W	400pcs SMD5730		6-7M			
YZY-TGD-125	5V 90W	3.2V 66Ah	280W	280pcs SMD3030		7-8M	Intelligent/light/ time control		



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-115	6V 20W	3.2V 18Ah	80W	80pcs SMD2835	>60Hrs	3-4M	Intelligent/light/time/ remote control/ radar sensor	12Hrs/day	6-8Hrs
YZY-LL-116	6V 30W	3.2V 24Ah	144W	144pcs SMD2835		4-5M			
YZY-LL-117	6V 35W	3.2V 36Ah	240W	240pcs SMD2835		5-7M			



Solar flood lights



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZN-LL-005	5V 10W	3.2V 5Ah	100W	128cs SMD2835	>36Hrs	2-3M	Intelligent/light/time/ remote control/	12Hrs/day	8Hrs
YZN-LL-006	5V 15W	3.2V 15Ah	200W	200pcs SMD2835		3-4M			
YZN-LL-007	5V 25W	3.2V 20Ah	300W	308pcs SMD2835	>48Hrs	4-5M			
YZN-LL-008	5V 35W	3.2V 30Ah	400W	332pcs SMD2835	>60Hrs	5-6M			



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-140	5V 15W	12Ah	100W	108pcs SMD2835	>36Hrs	2-3M	time/remote /light control	12Hrs/day	6-8Hrs
YZY-LL-141	5V 25W	18Ah	200W	240pcs SMD2835	>48Hrs	3-4M			
YZN-LL-142	5V 28W	24Ah	300W	360pcs SMD2835					
YZN-LL-143	5V 35W	30Ah	400W	672pcs SMD2835	>60Hrs	4-5M			

Semi-integrated solar street lights



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Backup Days	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-268	4V 18W	3.2V 18Ah	150W	150pcs SMD2835	>3days	3-4M	Intelligent/light /time control	12Hrs/day	6-8Hrs
YZY-LL-505 -100W	4V 25W	3.2V 20Ah	100W	60pcs SMD5054		3-4M			
YZY-LL-505 -150W	4V 30W	3.2V 25Ah	150W	60pcs SMD5054		4-5M			
YZY-LL-505 -200W	4V 40W	3.2V 30Ah	200W	60pcs SMD5054		5-6M			



Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Backup Days	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-605	4V 25W	3.2V 20Ah	50W	100pcs SMD3030	> 5days	4-5M	Intelligent/light /time control /radar sensor	12Hrs/day	6-8Hrs
YZY-LL-606 -100W	4V 25w	3.2V 20Ah	100W	60pcs SMD3030	> 3days	3-4M	intelligent/time /light control		
YZY-LL-606 -150W	4V 30w	3.2V 25Ah	150W	60pcs SMD3030		4-5M			
YZY-LL-606 -200W	4V 40w	3.2V 30Ah	200W	60pcs SMD3030		5-6M			



Semi-integrated solar street lights



YZY-LL-602/603



YZN-LL-803/804/805



YZY-JKD-001



YZY-JK-006

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Backup Days	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-602	4V 30W	3.2V 36Ah	50W	50pcs SMD3030	>7 days	4-5M	Intelligent/light/ time control/radar sensor	12Hrs/day	6-8Hrs
YZY-LL-603	4V 50W	3.2V 60Ah				5-7M			
YZN-LL-803	4V 20W	3.2V 10Ah	100W	100pcs SMD2835	>5 days	3-4M	Intelligent/light/time/ remote control		
YZN-LL-804	4V 30W	3.2V 20Ah	120W	120pcs SMD2835	>7 days	4-5M			
YZN-LL-805	4V 35W	3.2V 30Ah	150W	150pcs SMD2835					

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Backup Days	Recommended Installation Height	Camera Specification	Working Time	Charge Time
YZY-JKD-001	18V 80W	12.8V 42Ah	30W	150pcs SMD2835	>7 days	5-7m	HD 1080P WIFI/4G visiaable distance:50M	Lamp:12Hrs/day	6-8Hrs
YZY-JK-006	18V 100W	12.8V 36Ah	/	/				Camera:24Hrs/day	/



YZN-LL-806/807/808



YZY-LL-618

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Backup Days	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZN-LL-806	5V 35W	3.2V 30Ah	300W	105pcs SMD3030	>2days	5-6M	remote/time /light control	12Hrs/day	6-8Hrs
YZN-LL-807	5V 45W	3.2V 40Ah	400W	105pcs SMD3030	>3days				
YZN-LL-808	5V 55W	3.2V 50Ah	500W	105pcs SMD3030					
YZY-LL-618	6V 30W	3.2V 25Ah	30W	28pcs SMD3030	>5days	3-6M			

Solar Flashlight



YZY-PVY-07-0004



YZY-PVY-07-0007



Function	YZY-PVY-07-0004		YZY-PVY-07-0007	
Same	■Full light illumination	■White LED	■AC220v power charging	■Alloy Hammer
	■Half light illumination	■Red LED	■Compass	■Knife
	■Flashing illumintaion	■Solar Charging	■Strong Magnectic adsorption	
Upgrade	Mosquito repellent (Yellow led)		/	



Integrated solar street lights



YZY-LL-330

YZY-LL-331

YZY-LL-332

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-330	5V 25W	3.2V 20Ah	120W	60pcs SMD5050	>36Hrs	4-5M	Intelligent/remote control radar sensor	12Hrs/day	6-8Hrs
YZY-LL-331	5V 35W	3.2V 30Ah	252W	84pcs SMD5050	>48Hrs	5-6M			
YZY-LL-332	5V 50W	3.2V 40Ah	480W	240pcs SMD3030	>60Hrs	6-7M			



YZY-LL-326-1080A

YZY-LL-326-1120A

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-326-1080A	6V 10W	3.2V 10Ah	200W	109*2pcs SMD5730	>24Hrs	3-4M	light/time/remote control/ radar sensor	12Hrs/day	6-8Hrs
YZY-LL-326-1120A	6V 15W	3.2V 15Ah	300W	109*3pcs SMD5730					



YZY-LL-335

YZY-LL-336

YZY-LL-337

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Led Chip (Philips/Osram/Bridgelux)	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time
YZY-LL-335	5V 60W	3.2V 78Ah	300W	180pcs SMD3030	>60Hrs	4-6M	light/time control	12Hrs/day	6-8Hrs
YZY-LL-336	5V 80W	3.2V 102Ah	400W	240pcs SMD3030	>72Hrs	6-8M			
YZY-LL-337	5V 100W	3.2V 120Ah	500W	300pcs SMD3030		8-10M			



XY-L1-SBF100

XY-L1-SBF200

XY-L1-SBF300

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Continuously Backup Time	Recommended Installation Height	Working Mode	Working Time	Charge Time	Lamp size
XY-L1-SBF100	6V 15W	3.2V 15Ah	100W 320pcs SMD5730	>24Hrs	3-4M	Intelligent /remote control /radar sensor	12Hrs/day	6-8Hrs	443*346*60mm
XY-L1-SBF200	6V 15W	3.2V 15Ah	200W 720pcs SMD2835						
XY-L1-SBF300	5V 25W	3.2V 20Ah	300W 1260pcs SMD2835		4-5M				630*347*67mm



Integrated solar street lights



YZN-LL-340-60

YZN-LL-340-100

YZN-LL-340-150

YZN-LL-340-200

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Recommended Installation Height	Continuously backup time	Working Mode	Working Time	Charge Time	Lamp size
YZN-LL-340-60	5V 8W	3.2V 6Ah	60W 128pcs SMD5730	2-3M	>24hrs	time/remote /light control /radar sensor	12Hrs/day	6-8Hrs	508*236*47mm
YZN-LL-340-100	5V 12W	3.2V 12Ah	100W 214pcs SMD5730	3-4M					617*255*47mm
YZN-LL-340-150	5V 15W	3.2V 18Ah	150W 300pcs SMD5730	3-4M					721*255*47mm
YZN-LL-340-200	5V 18W	3.2V 24Ah	200W 386pcs SMD5730	4-5M					819*255*47mm



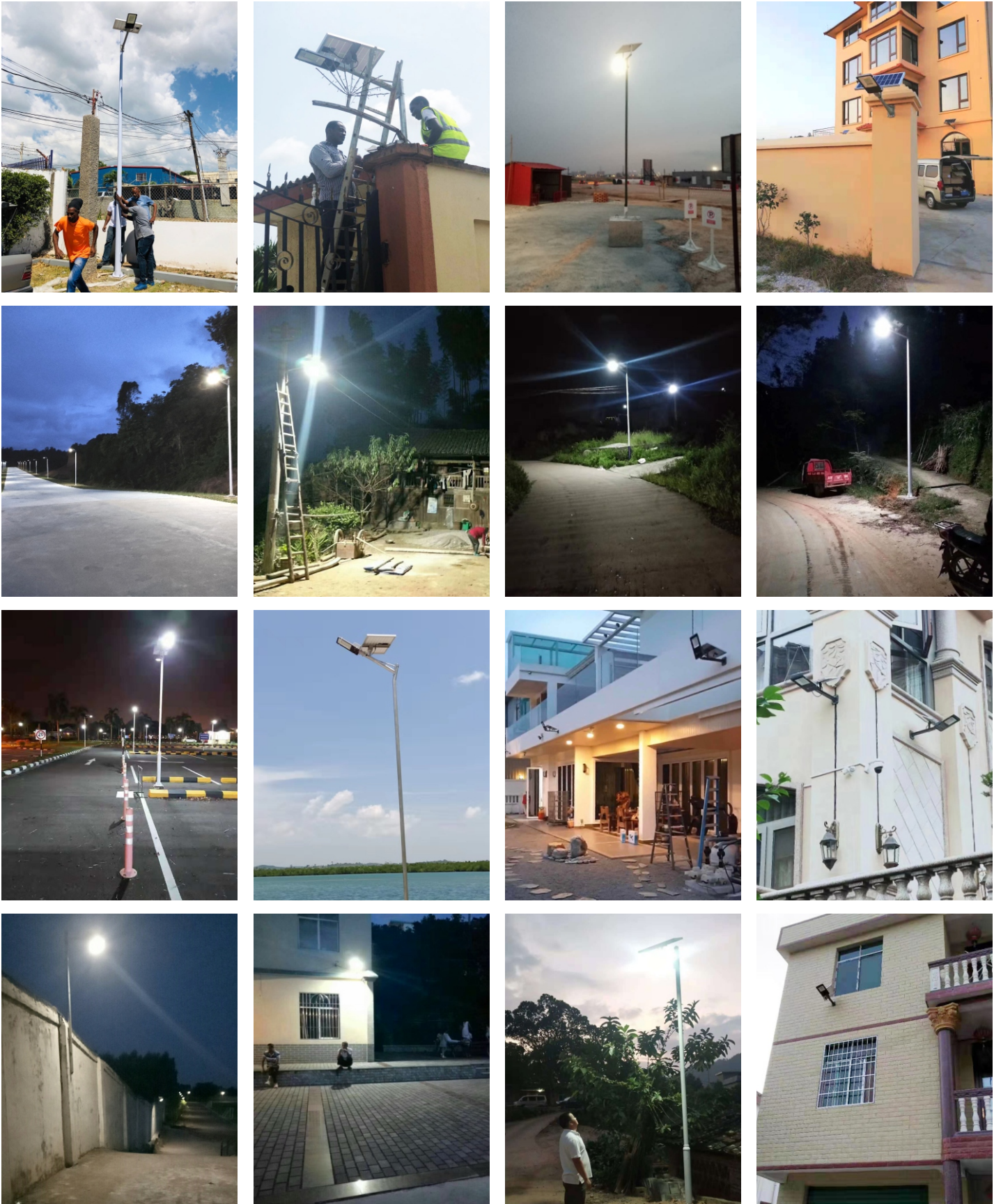
YZN-LL-341-100

YZN-LL-341-200

YZN-LL-341-300

Model	Solar Panel	LiFePO4 Lithium Battery	Led Power	Recommended Installation Height	Continuously backup time	Working Mode	Working Time	Charge Time	Lamp size
YZN-LL-341-100	5V 10W	3.2V 10Ah	100W 336pcs SMD5730	2-3M	>24hrs	time/remote /light control /radar sensor	12Hrs/day	6-8Hrs	530*270*70mm
YZN-LL-341-200	5V 15W	3.2V 15Ah	200W 448pcs SMD5730	3-4M					640*300*70mm
YZN-LL-341-300	5V 20W	3.2V 20Ah	300W 560pcs SMD5730	4-5M					750*300*70mm

Product projects





Separated solar street lights(government project customized)

External lithium battery+controller

Solar panel

LED lamp

Internal lithium battery+controller

Pole

YZY-LL-614				
Solar Panel	100W	120W	150W	180W
LiFePO4 Lithium Battery	3.2V 150Ah	3.2V 168Ah	12.8V 60Ah(External)	12.8V 80Ah(External)
Recommended Pole Height	6-7M	6-8M	9M	9-10M
Controller	3.2V 30A		12V 15/20A	
Led Lamp	180pcs SMD3030 LED chip (Philips/Osram/Bridgelux)			
Working Mode	5Hrs 100%+7Hrs saving mode Light/Time control			
Backup Days	>10 days			



LL-N101  
LL-N102



LL-N203



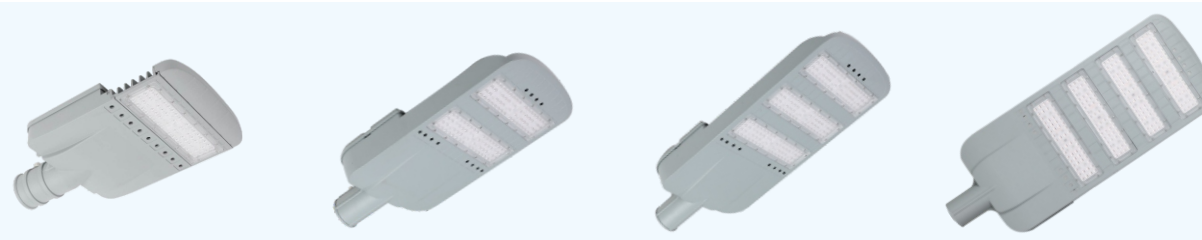
LL-N201



LL-N202



LL-612



LL-613



LL-614





## Classic projects

**“No.1 road of the world”**  
praised by Chairman Wu Xinxiong of the National Energy, PRC



1. Installation time: 2008, Installation address: Xinyu Venture Avenue, Jiangxi Province, China
2. Road: 8 lanes, 3 green belts, length 11.7km
3. Pole height: 13m; Lamp power: 200w+60w; Solar panel: 1020w, that is equivalent to 1000w sodium light.
4. Rainy backup days reach up to 35 days under pure solar power supply

## Solar street light projects





## Solar garden lights



YZY-TY-082



YZY-TY-083



YZY-TY-086



YZY-LL-091



YZY-TY-104



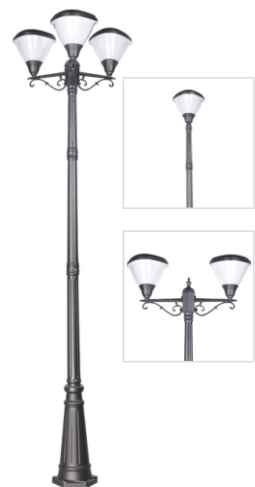
YZY-TY-105



YZY-TY-107



YZY-TY-108



YZY-TY-106



YZY-TY-084



YZY-TY-081



YZY-TY-085

## Solar lawn lights



YZY-CP-084



YZY-CP-087



YZY-CP-088



YZY-CP-092



YZY-CP-093



YZY-CP-081



YZY-CP-082



YZY-CP-083



YZY-CP-085



YZY-CP-086



YZY-CP-089



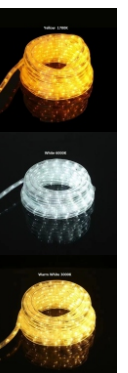
YZY-CP-090



YZY-CP-094



灯带





## Solar wall/pillar lights



YZY-CP-081-B



YZY-CP-081-B



YZY-CP-082-B



YZY-CP-083-B



YZY-CP-084-B



YZY-CP-085-B



YZY-CP-088-B



YZY-CP-088-Z



YZY-CP-090-Z



YZY-CP-091-Z



YZY-CP-081-Z



YZY-CP-082-Z



YZY-CP-084-Z



YZY-CP-083-Z



YZY-ZT-N231



YZY-ZT-N226



YZY-ZT-N233



YZY-ZT-235

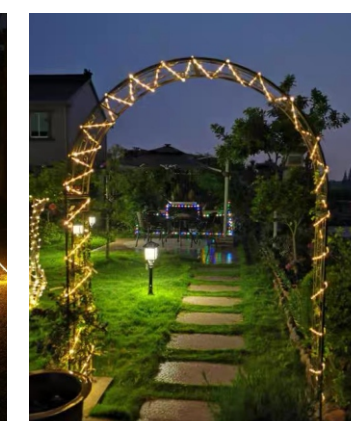
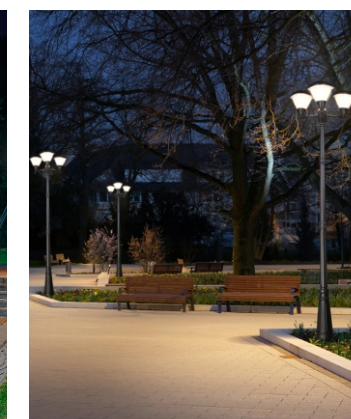
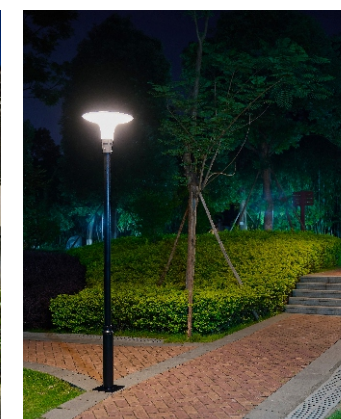


YZY-ZT-N228



YZY-ZT-N239

## Product projects





Solar Fan



YZY-PVY-035



YZY-PVY-036



YZY-PVY-037



YZY-PVY-039



YZY-PVY-040

Model	YZY-PVY-035	YZY-PVY-036	YZY-PVY-037	YZY-PVY-039	YZY-PVY-040
Solar Panel	5V 22W	18V 22W	9V 15W	9V 15W	9V 15W
Lithium Battery	3.2V 20000mAH	12V 6000mAH	7.4V 4400mAH	7.4V 4400mAH	7.4V 4400mAH
Charger	5V 3A	12.6V 2A	9V 1.5A	9V 1.5A	9V 1.5A
Gear position	3(high,medium,and low)	Circuit board 4 gears	3(high,medium,and low)	3(high,medium,and low)	/
Charging time	6-8Hrs	3-5Hrs	3-5Hrs	3-5Hrs	3-5Hrs
Working Time	6-12hrs	4th gear for 5hrs/3rd gear for 8hrs 2nd gear for 12hrs/1st gear for 20hrs	5-12hrs	5-12hrs	5-15hrs
Working Mode	3 level switch	Multi-function buttons. USB charging, night light	3 level switch,5V USB output, night light	3 level switch	12 level switch,5V USB output
Fan size	16 inches	16 inches	16 inches	12 inches 3 blade	12 inches 3 blade
Product color	White/Black	White	White	White	Black
Function mode	Super sound-off, manual shaking of the head,775 powerful motor with large air volume	4 levels of large air volume adjustment, remote control, manualshaking of the head, 2 levels of night light adjustment, USB mobilephone charging port,775 powerful motor with large air volume	Super sound-off, manual shaking of the head,775 powerful motor with large air volume	Super sound-off, manual shaking of the head,775 powerful motor with large air volume	Super sound-off, manual shaking of the head,775 powerful motor with large air volume

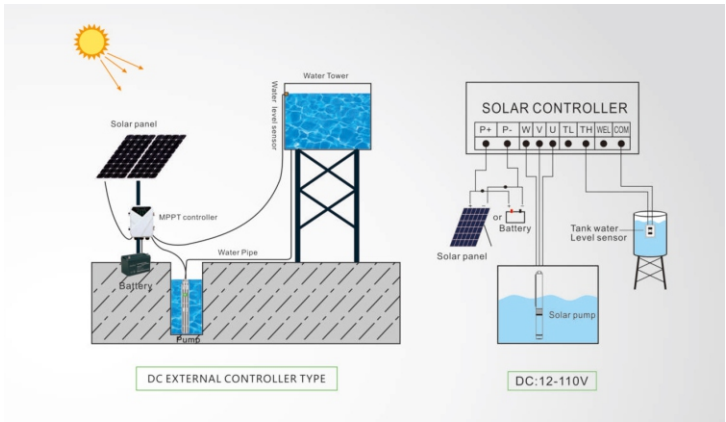
Solar water pump ·Welcome different power customization(



Solar submersible pump

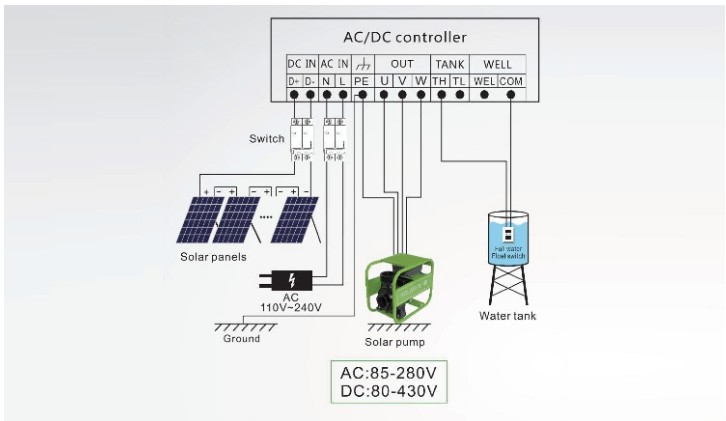


Solar surface pump



DC EXTERNAL CONTROLLER TYPE

DC:12-110V



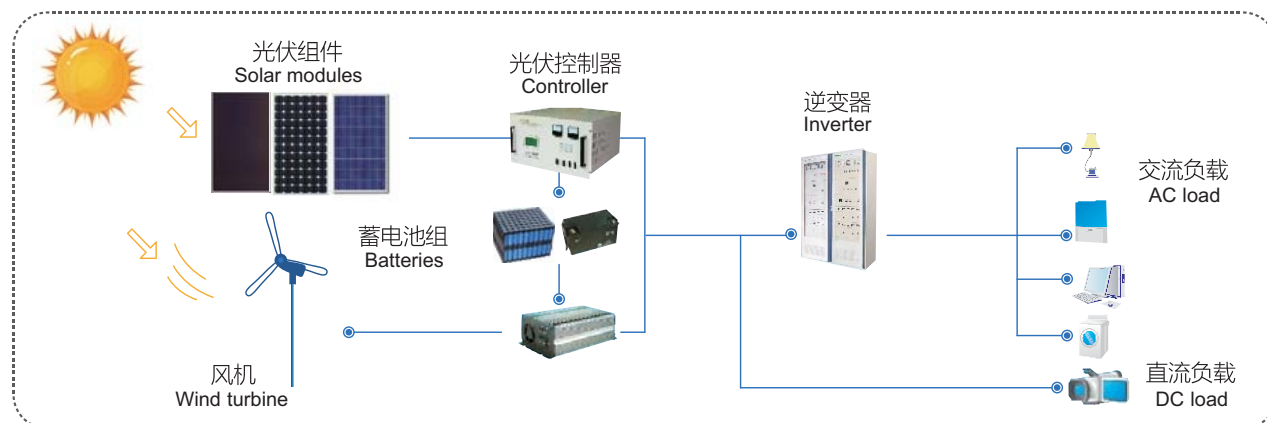
AC:85-280V  
DC:80-430V

Item	Voltage	Optimum input voltage(DC)	Power	Max.Flow	Max.Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
Solar submersible pump									
3DPC3-25-24-200	24V	30V-48V	200W	3.0m³/h	25m	1.25"	2m	<55V	≥1.3*PUMP POWER
3DPC3.5-80-48-600	48V	60V-90V	600W	3.0m³/h	80m			<105V	
3DPC3.5-95-48-750	48V	60V-90V	750W	3.5m³/h	95m			<105V	
3DPC3.8-123-72-1100	72V	90V-120V	1100W	3.8m³/h	123m			<160V	
3DPC3.8-180-110-1500	110V	110V-150V	1500W	3.8m³/h	180m			<210V	
Solar surface pump									
DCPM6-24-48-550	48V	60V-90V	550W	6m³/h	24m	1"	0.6m	<100V	≥1.3*PUMP POWER
DCPM15-14-48-550	48V	60V-90V	550W	15m³/h	14m	1.5"		<100V	
DCPM21-14-72-750	72V	90V-120V	750W	21m³/h	14m	2"		<150V	
DCPM26-15-72-1100	72V	90V-120V	1100W	26m³/h	15m	2"		<150V	
DCPM45-17-110-1500	110V	110V-150V	1500W	45m³/h	17m	3"		<200V	

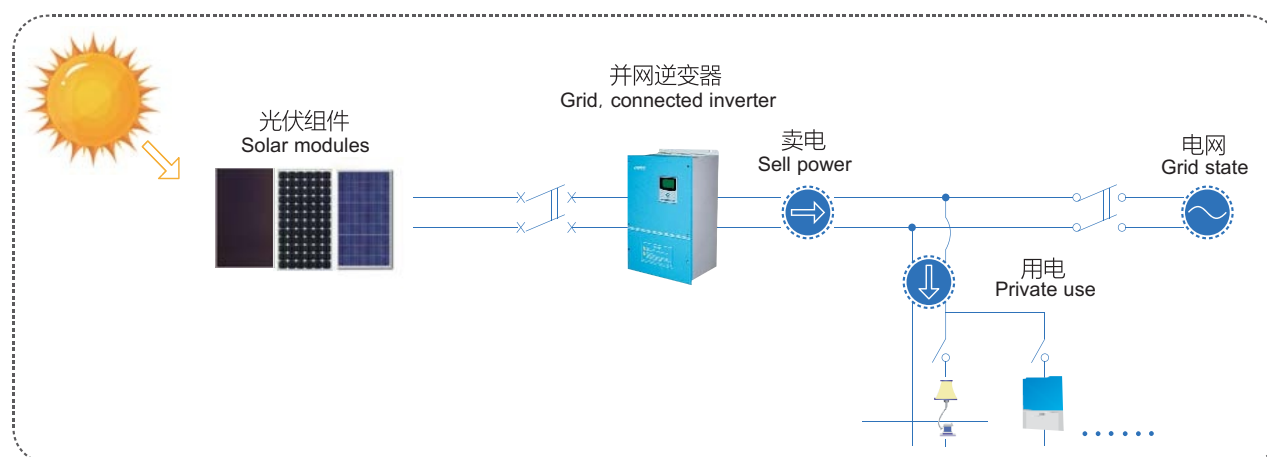


## Solar power systems

### Off-grid solar power system



### On-grid solar power system



### Installation

#### Solar panel

Solar panel absorbs the sunshine and generate the electricity .

#### Inverter

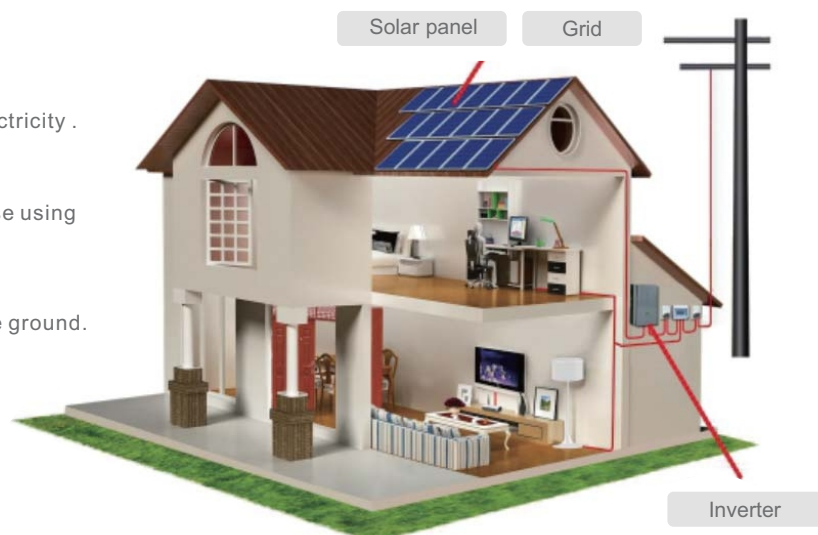
Convert the solar power into AC220V /AC380V for house using and sell to the grid.

#### Solar frame

To support the solar panel , can put on the roof or on the ground. It is the customized designing.

#### Other components

PV cable and others.



## Solar power system cases



Foshan,China 8kw



Shanxi Province,China 10kw



zhuhai,China 75kw



Zhanshan City,China 24kw



Papua New Guinea 30kw



Guangxi Province,China 20kw



Philippine 10kw



Papua New Guinea 20KW



Jiangxi, China 100KW



Guizhou,China 50kw



HK,China,2kw