



Marketing network

We always adhere to:

First-class quality, first-class products, first-class service.

Our products cover the medium and small cities across the country , Japan ,South Korea, Europe, the U.S.A middle east and other countries, we will continue to work with high quality products into the domestic and abroad markets, and establish a more powerful market network.

Vertical production value chain

Wafers



Monocrystalline

Cells



Monocrystalline

Modules



Monocrystalline

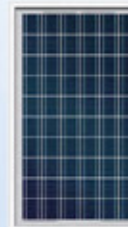
Systems



Polycrystalline



Polycrystalline



Polycrystalline

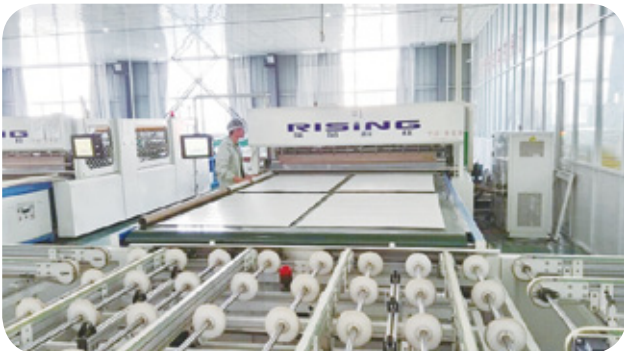


Vertical integration from wafers to modules is employed in order to achieve sustainable cost advantages while ensuring product quality.



Photovoltaic workshop

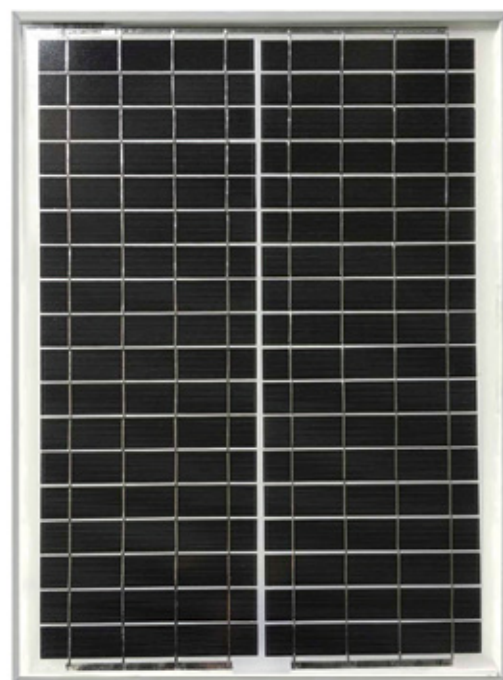
MONO/POLY CRYSTALLINE SILICON SOLAR CELLS



Typical Electrical Characteristics

						Monocrystalline		Polycrystalline	
Type	Voc(V)	Isc (A)	Vmp(V)	I mp(A)	Pm(Wp)	Number of cells	Size of Module(mm)	Number of cells	Size of Module(mm)
HT5	21.5	0.32	17.5	0.29	5	36(9*78)	246*199*18	36(11*78)	288*199*18
HT10	21.5	0.65	17.5	0.57	10	36(18*78)	288*280*18	36(22*78)	336*280*18
HT15	21.5	0.97	17.5	0.86	15	36(27*78)	396*280*25	36(31.2*78)	446*280*25
HT20	21.5	1.29	17.5	1.14	20	36(36*78)	390*361*25	36(43*78)	453*361*25
HT25	21.5	1.61	17.5	1.43	25	36(45*78)	471*361*25	36(54*78)	522*361*25
HT30	21.5	1.94	17.5	1.71	30	36(54*78)	552*361*25	36(39*78)	417*670*25
HT40	21.5	2.58	17.5	2.29	40	36(36*156)	390*670*30	36(42*156)	444*670*30
HT50	21.5	3.23	17.5	2.86	50	36(52*156)	520*670*30	36(52*156)	534*670*30
HT60	21.5	3.88	17.5	3.43	60	36(60*156)	606*670*30	36(63*156)	630*670*30
HT70	21.5	4.75	17.5	4.02	70	36(66*156)	660*670*30	36(72*156)	714*670*30
HT80	21.5	5.42	17.5	4.57	80	36(78*156)	768*670*30	36(84*156)	822*670*30
HT90	21.5	6.32	17.5	5.15	90	36(84*156)	822*670*30	36(94*156)	910*670*30
HT100	21.5	6.56	17.5	5.72	100	36(94*156)	1000*670*30	36(104*156)	696*990*30
HT120	21.5	7.24	17.5	6.86	120	36(112*156)	1120*670*30	36(128*156)	828*990*30
HT150	21.5	8.82	17.5	8.57	150	36(156*156)	1000*990*30	36(156*156)	1000*990*30
HT180	44.4	5.33	36	5.00	180	72(156*89)	1140*990*35	72(156*93)	1188*990*35
HT200	43.5	6.5	35.5	5.63	200	72(125*125)	1224*990*35	72(156*104)	1320*990*35
HT250	43	7.65	35.5	7.04	250	72(118*156)	1490*990*35	72(128*156)	1608*990*35
HT250	36	9.13	30	8.30	250	60(156*156)	1640*990*35	60(156*156)	1640*990*35
HT300	43	8.82	35.5	8.45	300	72(156*156)	1944*990*35	72(156*156)	1944*990*35

MONO CRYSTALLINE SILICON SOLAR CELLS



Quality and Warranty

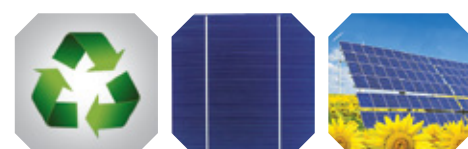
- 10 year limited warranty on material and workmanship
- 12 year warranty on power output to not fall below 90%
- 25 year warranty on power output to not fall below 80%
- ISO 9001:2008(Quality Management System)certified factory
- CE,ROHS certified products

Characteristics

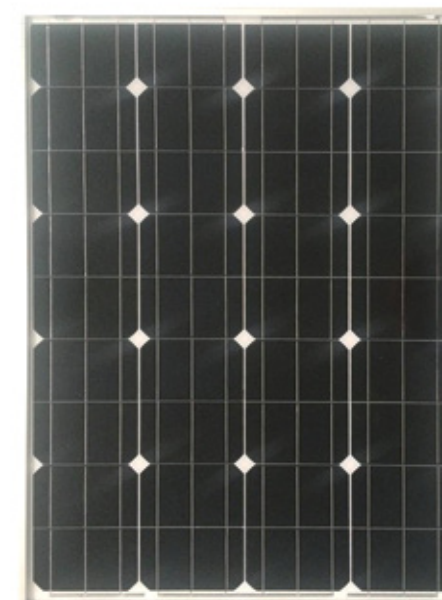
- High cell efficiency to ensure stability and reliability
- High-performing modules modules have an industry low tolerance of $\pm 3\%$
- Reliable schottky bypass diode minimizes performance losses caused by shadowing
- All weather-resistant Junction Box and crosslink cable
- Withstands high wind force up to 2400 Pa,heavy snowloads of up to 5400 Pa and extreme
- Bonded warehouse and local technical support team

Typical Electrical Characteristics

Type	HTM-5	HTM-10	HTM-15	HTM-20	HTM-25	HTM-30
Product size(mm)	246*199*18	288*280*18	396*280*25	396*361*25	471*361*25	552*361*25
Maximum power(Pmax)	5W	10W	15W	20W	25W	30W
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Open Circuit Voltage(Voc)	21.5V	21.5V	21.5V	21.5V	21.5V	21.5V
Short Circuit Current(Isc)	0.32A	0.65A	0.97A	1.29A	1.61A	1.94A
Maximum Power Voltage(Vmp)	17.5V	17.5V	17.5V	17.5V	17.5V	17.5V
Maximum Power CURRENT(Imp)	0.29A	0.57A	0.86A	1.14A	1.43A	1.71A
Max.System Voltage	1000VDC					
Temperature Coefficients of Pmax	$-0.37\%/^{\circ}\text{C}$					
Temperature Coefficients of Voc	$-0.34\%/^{\circ}\text{C}$					
Temperature Coefficients of Isc	$0.09\%/^{\circ}\text{C}$					
NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$					
STC Condition	Irradiance level 1,000W/m ² ,Spectrum AM 1.5,and Cell Temperature 25°C					



MONO CRYSTALLINE SILICON SOLAR CELLS



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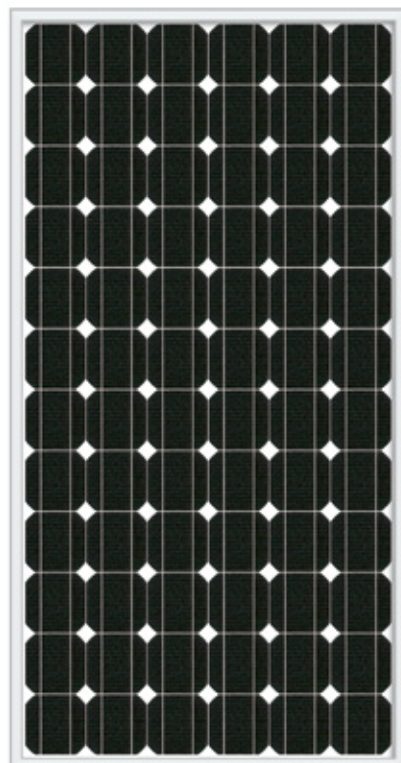
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Typical Electrical Characteristics

Type	HTM-40	HTM-50	HTM-80	HTM-100	HTM-120
Product size(mm)	390*670*30	520*670*30	768*670*30	1000*670*30	1120*670*30
Maximum power(Pmax)	40W	50W	80W	100W	120W
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Open Circuit Voltage(Voc)	21.5V	21.5V	21.5V	21.5V	21.5V
Short Circuit Current(Isc)	2.58A	3.23A	5.42A	6.56A	7.24A
Maximum Power Voltage(Vmp)	17.5V	17.5V	17.5V	17.5V	17.5V
Maximum Power CURRENT(Imp)	2.29A	2.86A	4.57A	5.72A	6.86A
Max.System Voltage	1000VDC				
Temperature Coefficients of Pmax	$-0.47\%/^{\circ}\text{C}$				
Temperature Coefficients of Voc	$-0.38\%/^{\circ}\text{C}$				
Temperature Coefficients of Isc	$0.10\%/^{\circ}\text{C}$				
NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$				
STC Condition	Irradiance level 1,000W/m ² ,Spectrum AM 1.5,and Cell Temperature 25°C				

MONO CRYSTALLINE SILICON SOLAR CELLS



Company profile

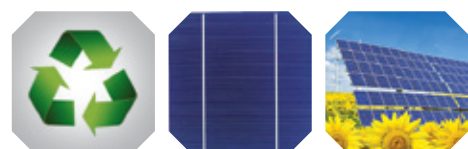
Censun Solar's vertically integrated business model begins with wafers, cells, and modules and has a current production capacity of 200 MW. Solar module components specifications can be customized according to customer requirements product.

Quality and Warranty

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Characteristics

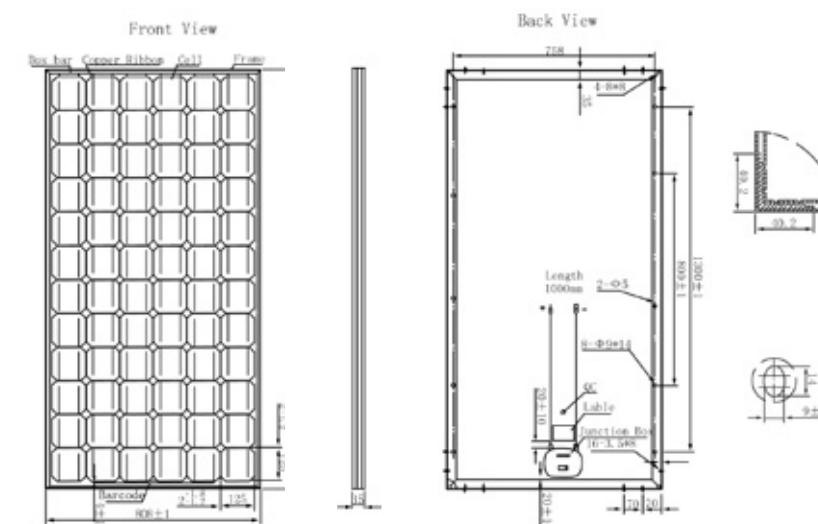
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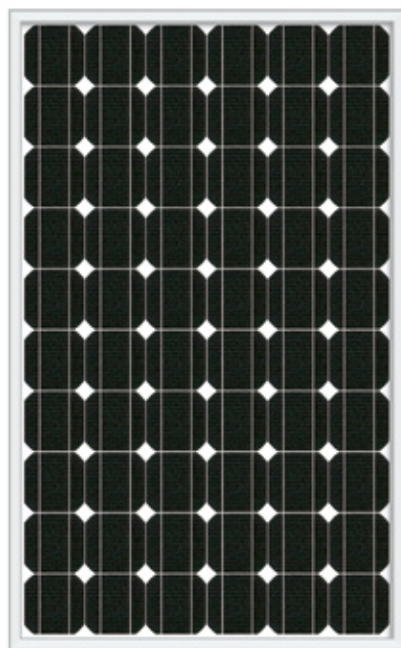
Typical Electrical Characteristics

Type	HTM-180			HTM-200	
Maximum power(Pmax)	180W			200W	
Power Tolerance	±3%	±3%	±3%	±3%	±3%
Open Circuit Voltage(Voc)	43.5V				
Short Circuit Current(Isc)	5.33A			6.50A	
Maximum Power Voltage(Vmp)	35.5V				
Maximum Power CURRENT(Imp)	5.0A			5.63A	
Max.System Voltage	1000VDC				
Temperature Coefficients of Pmax	-0.47%/°C				
Temperature Coefficients of Voc	-0.38%/°C				
Temperature Coefficients of Isc	0.10%/°C				
NOTC-Nominal Operating Cell Temperature	45°C (±2)				
Model size(mm)	1580*808*35mm				
STC Condition	Irradiance level 1,000W/m².Spectrum AM 1.5.and Cell Temperature 25°C				

Dimensions



MONO CRYSTALLINE SILICON SOLAR CELLS



Company profile

Censun Solar's vertically integrated business model begins with wafers,cells,and modules and has a current production capacity of 200 MW.Solar module Components specifications can be customized according to customer requirements product.

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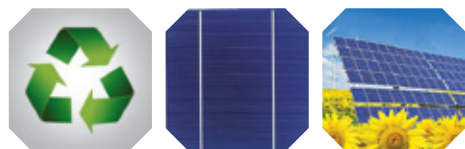
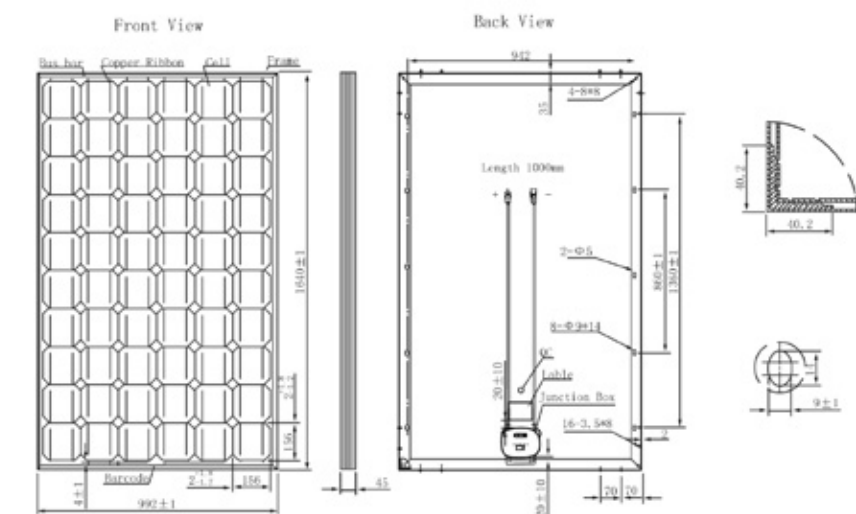
Characteristics

- High cell efficiency to ensure stability and reliability
- High-performing modules modules have an industry low tolerance of $\pm 3\%$
- Reliable schottky bypass diode minimizes performance losses caused by shadowing
- All weather-resistant Junction Box and crosslink cable
- Withstands high wind force upt to 2400 Pa,heavy snowloads of up to 5400 Pa and extreme
- Bonded warehouse and local technical support team

Typical Electrical Characteristics

Type	HTM-250					
Maximum power(Pmax)	250W					
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Open Circuit Voltage(Voc)	36V					
Short Circuit Current(Isc)	9.13A					
Maximum Power Voltage(Vmp)	30.0V					
Maximum Power CURRENT(Imp)	8.30A					
Temperature Coefficients of Pmax	$-0.37\%/^{\circ}\text{C}$					
Temperature Coefficients of Voc	$-0.34\%/^{\circ}\text{C}$					
Temperature Coefficients of Isc	$0.09\%/^{\circ}\text{C}$					
NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$					
Model size(mm)	1640*990*35					
STC Condition	Irradiance level $1,000\text{W}/\text{m}^2$,Spectrum AM 1.5,and Cell Temperature 25°C					

Dimensions



MONO CRYSTALLINE SILICON SOLAR CELLS



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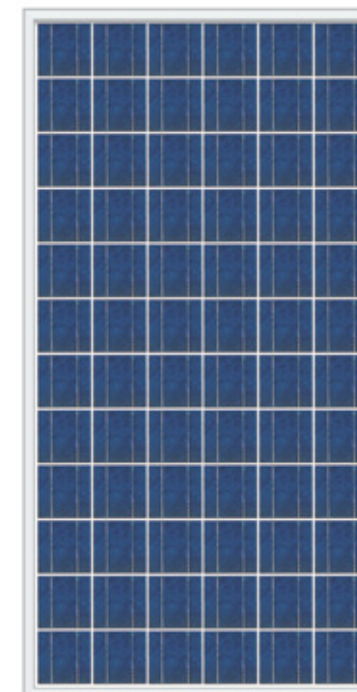
Characteristics

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Typical Electrical Characteristics

Type	HTM-300					
Maximum power(Pmax)	300W					
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Open Circuit Voltage(Voc)	43V					
Short Circuit Current(Isc)	8.82A					
Maximum Power Voltage(Vmp)	35.5V					
Maximum Power CURRENT(Imp)	8.45A					
Temperature Coefficients of Pmax	$-0.37\%/^{\circ}\text{C}$					
Temperature Coefficients of Voc	$-0.34\%/^{\circ}\text{C}$					
Temperature Coefficients of Isc	$0.09\%/^{\circ}\text{C}$					
NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$					
Model size(mm)	1944*990*35					
STC Condition	Irradiance level 1,000W/m ² ,Spectrum AM 1.5,and Cell Temperature 25°C					

POLY CRYSTALLINE SILICON SOLAR CELLS



Quality and Warranty

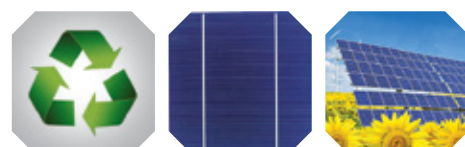
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- ISO 9001:2008(Quality Management System)certified factory
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Characteristics

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- Bonded warehouse and local technical support team

Typical Electrical Characteristics

Type	HTP-180	HTP-200	HTP-300
Model size(mm)	1188*990*35	1320*990*35	1944*990*35
Maximum power(Pmax)	180W	200W	300W
Power Tolerance	$\pm 3\%$		
Open Circuit Voltage(Voc)	43.5V		
Short Circuit Current(Isc)	5.33A	6.50A	8.82A
Maximum Power Voltage(Vmp)	35.5V		
Maximum Power CURRENT(Imp)	5.0A	5.63A	8.45A
Max.System Voltage	1000VDC		
Temperature Coefficients of Pmax	$-0.47\%/^{\circ}\text{C}$		
Temperature Coefficients of Voc	$-0.38\%/^{\circ}\text{C}$		
Temperature Coefficients of Isc	$0.10\%/^{\circ}\text{C}$		
NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$		
STC Condition	Irradiance level 1,000W/m ² ,Spectrum AM 1.5,and Cell Temperature 25°C		



POLY CRYSTALLINE SILICON SOLAR CELLS



Quality and Warranty

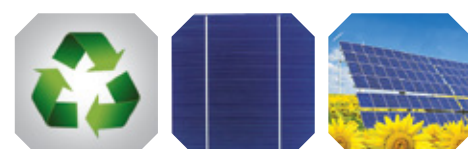
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- Bonded warehouse and local technical support team

Typical Electrical Characteristics

Type	HTP-5	HTP-10	HTP-15	HTP-20	HTP-25	HTP-30
Model size(mm)	288*199*18	336*280*18	446*280*25	453*361*25	522*361*25	417*670*25
Maximum power(Pmax)	5W	10W	15W	20W	25W	30W
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Open Circuit Voltage(Voc)	21.5V					
Short Circuit Current(Isc)	0.32A	0.65A	0.97A	1.29A	1.61A	1.94A
Maximum Power Voltage(Vmp)	17.5V					
Maximum Power CURRENT(Imp)	0.29A	0.57A	0.86A	1.14A	1.43A	1.71A
Max.System Voltage	1000VDC					
Temperature Coefficients of Pmax	$-0.47\%/^{\circ}\text{C}$					
Temperature Coefficients of Voc	$-0.38\%/^{\circ}\text{C}$					
Temperature Coefficients of Isc	$0.10\%/^{\circ}\text{C}$					
NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$					
STC Condition	Irradiance level 1,000W/m ² ,Spectrum AM 1.5,and Cell Temperature 25°C					



POLY CRYSTALLINE SILICON SOLAR CELLS



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Typical Electrical Characteristics

Type	HTP-40	HTP-50	HTP-80	HTP-100	HTP-120
Model size(mm)	444*670*30	534*670*30	822*670*30	696*990*30	828*990*30
Maximum power(Pmax)	40W	50W	80W	100W	120W
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Open Circuit Voltage(Voc)	21.5V				
Short Circuit Current(Isc)	2.58A	3.23A	5.42A	6.56A	7.24A
Maximum Power Voltage(Vmp)	17.5V				
Maximum Power CURRENT(Imp)	2.29A	2.86A	4.57A	5.72A	6.86A
Max.System Voltage	1000VDC				
Temperature Coefficients of Pmax	$-0.47\%/^{\circ}\text{C}$				
Temperature Coefficients of Voc	$-0.38\%/^{\circ}\text{C}$				
Temperature Coefficients of Isc	$0.10\%/^{\circ}\text{C}$				
NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$				
STC Condition	Irradiance level 1,000W/m ² ,Spectrum AM 1.5,and Cell Temperature 25°C				

POLY CRYSTAL LINE SILICON SOLAR CELLS



Company profile

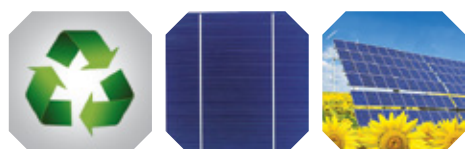
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Characteristics

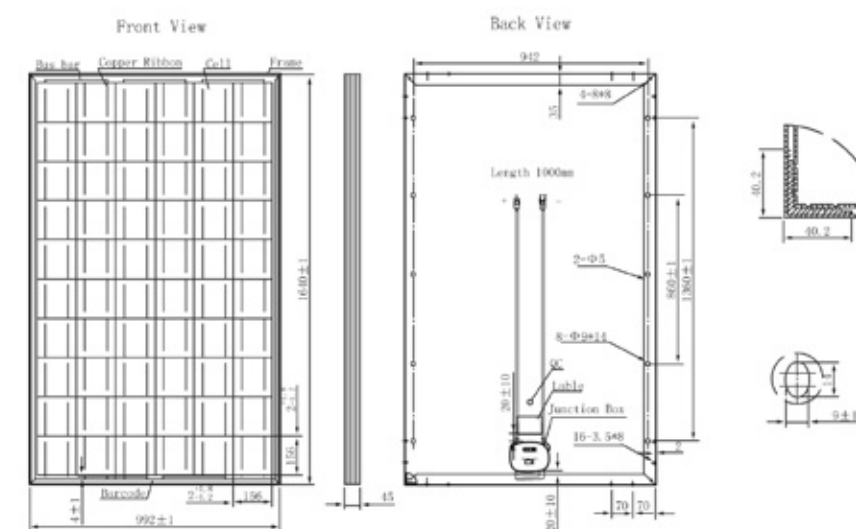
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Typical Electrical Characteristics

型号 Type	HTP-250					
Maximum power(Pmax)	250W					
Power Tolerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$
Open Circuit Voltage(Voc)	36V					
Short Circuit Current(Isc)	9.13A					
Maximum Power Voltage(Vmp)	30V					
Maximum Power CURRENT(Imp)	8.30A					
Temperature Coefficients of Pmax	$-0.37\%/^{\circ}\text{C}$					
Temperature Coefficients of Voc	$-0.34\%/^{\circ}\text{C}$					
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NOTC-Nominal Operating Cell Temperature	$45^{\circ}\text{C} (\pm 2)$					
Model size(mm)	1640*990*35					
STC Condition	Irradiance level 1,000W/m ² , Spectrum AM 1.5, and Cell Temperature 25°C					

Dimensions

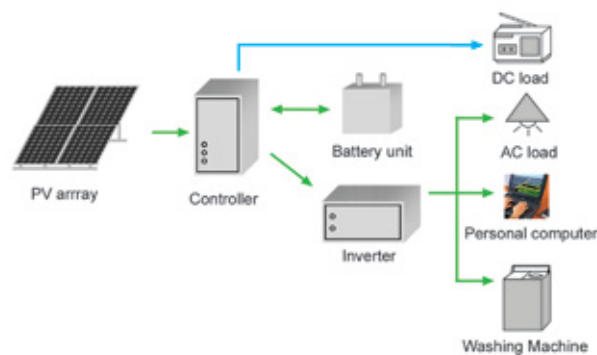




OFF-GRID SOLAR POWER SYSTEM

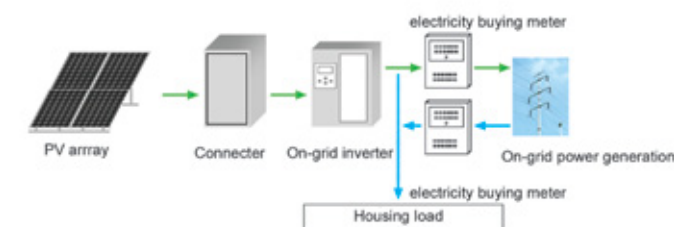


Off-grid solar-energy photovoltaic power generation refers to the mode of power generation that is not connected to the electric grid. The typical feature is that it has the storage battery for storing the electric energy for use in the night. In the civilian field, the off-grid system is mainly used in the remote villages, farming areas, sea islands, plateaus and deserts for the purpose of lighting, TV, radio and other basic needs of life; in the industrial fields, it is mainly used for communication, relay of satellite broadcast and TV, solar-energy water pumps, navigation marks, anode protection of oil pipelines, weather stations, highways and check points at borders. In the regions where wind power generation and small-sized hydraulic power generation are available, combined power generation system can be set up, e.g. wind power generation and solar power generation.



SOLAR POWER GENERATION SYSTEM

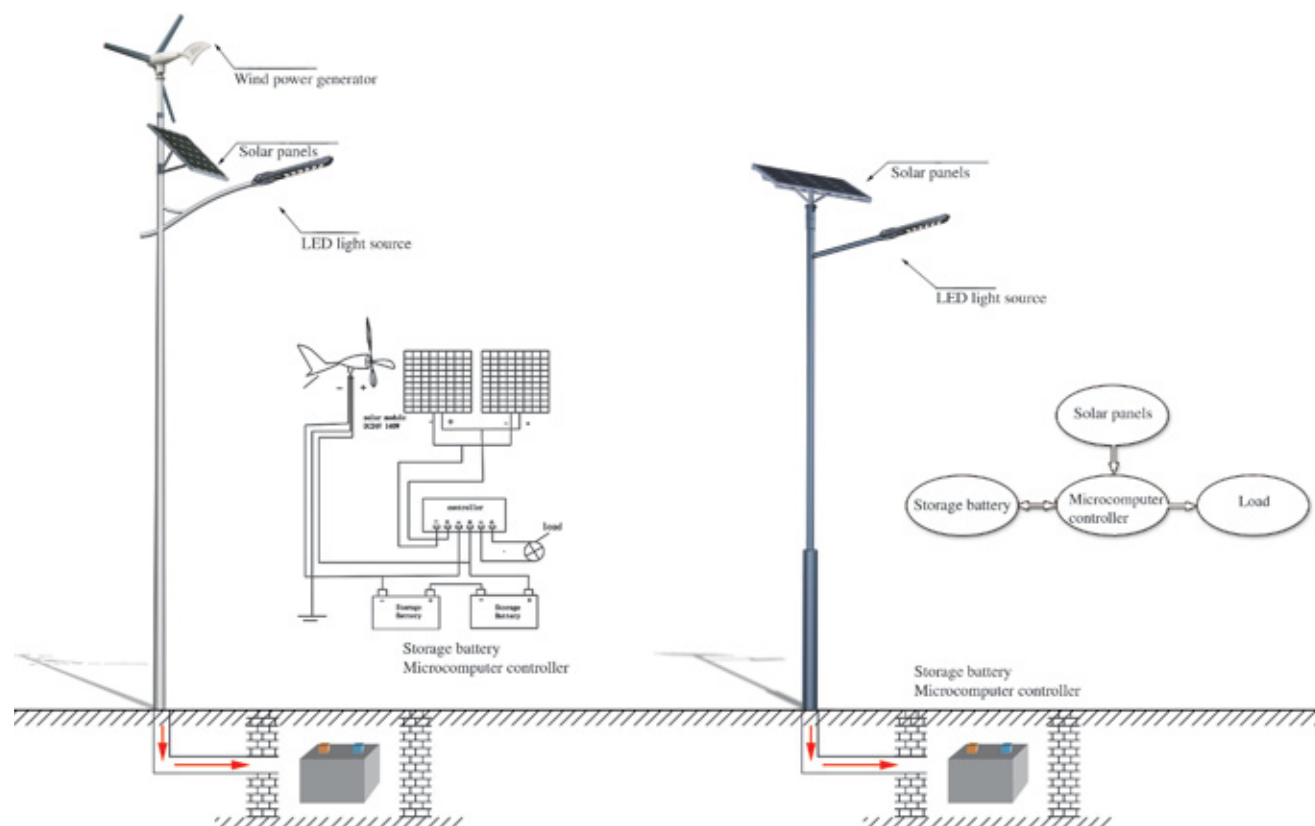
Development of new energy sources and renewable clean energy sources is one of the five major technical fields in the economic development of the 21st century. Full utilization of the solar energy is a strategic policy for the sustained development of all countries the world over with the solar power generation attracting even more attention. Solar power generation will be applied in large scales in the long term and can meet the needs of some special fields in the short term. By the year 2030, the aggregate photovoltaic power generation will make 5~20% of the total power of the world. The solar cell has many advantages in power generation. For example, it is safe, reliable, noise free, pollution free, not limited by different regions, and does not consume any fuel or have any moving parts. The malfunction rate is low; the maintenance and servicing is easy and simple; it does not require any person on duty. The construction period is short. The scale and size can be whichever as you want. It does not require the use of electric lines and can be easily combined with buildings and structures. All these merits are incomparable for the conventional power generation and other means of power generation.



Wind and solar light

The sun light moderate breezes the dint use it not clean energy that do. Biggest limit land utilization that landscape with each other repair the type solar energy road the light is a road light to use the system of this kind of endless energy. From the sun light moderate breezes the dint get keep both the electric power, this kind of electric power that get up is too and most to worry about advantage, need not to have pollution to produce to the Earth.

The landscape with each other repairs the type solar energy the street lamps is force of wind is with the nature of light the sun the energy pass the force of wind generator, solar panel the conversion the electric power come to refresh for storage battery. When the environment get dark, the auto be put outed automatically by the storage battery provide the electric power to make the electric light the point brightly, electric light point brightly empress, was computed by timer time, pass by after the enactment's time, electricity move.



Solar energy light brief introduction

1. Using the microcomputer intellectual controller to transfer the light energy to electrical energy. Easy to install since no wiring & trenching, energy conservation and environmental protection.

2. The microcomputer intellectual controller is composed by advanced special-purpose integrated circuit, high conversion efficiency, prevent over-load & over-discharge, Output short circuit protection, extend work life, on the safe side, convenient usage.

3. High effective Non-maintaining accumulator cell, strong storage, durable usage.

4. Automatic track type time controller, Automatically adjust the working time along with different illumination time in various seasons. For extending the work time energy conservation intellectual controller will automatic shut-off the light at Deep-night.

The orientation is each environmental of high performance windmill

- Weak breeze bottom can too mute that generate electricity that three superior design;
- Repress the fan voice to revolve;
- Bear the strong breeze level the incline toward type to protect the function.

Light source

High-power LED.

Solar panels

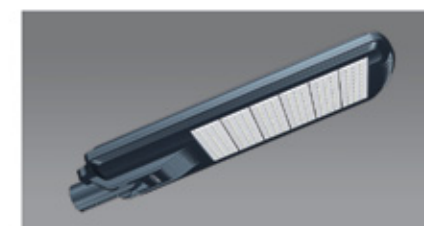
The light energy into electrical energy efficiency
Solar panels constituted by a number of composite units, each unit produced of semiconductor optical polar PN, convert light energy into electrical energy.

Micro-computer controller Superior of control function

- The superior control functions;
- To prevent overcharge and over discharge function;
- Time control and optical function;
- The strong wind protection function

Storage battery

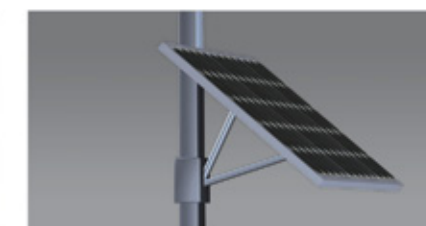
Adopt high performance, free maintenance battery, can be worked in 5 continuous days without sun and wind.



LED



Wind generator



Solar panels



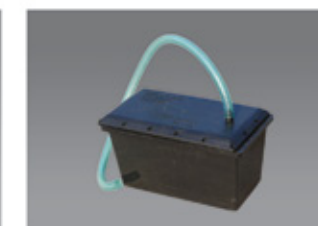
Battery1



Battery(Lithium electricity)2



Controller



Battery box



Lithium electricity intelligent control system



Constant current device



Invertor



current source



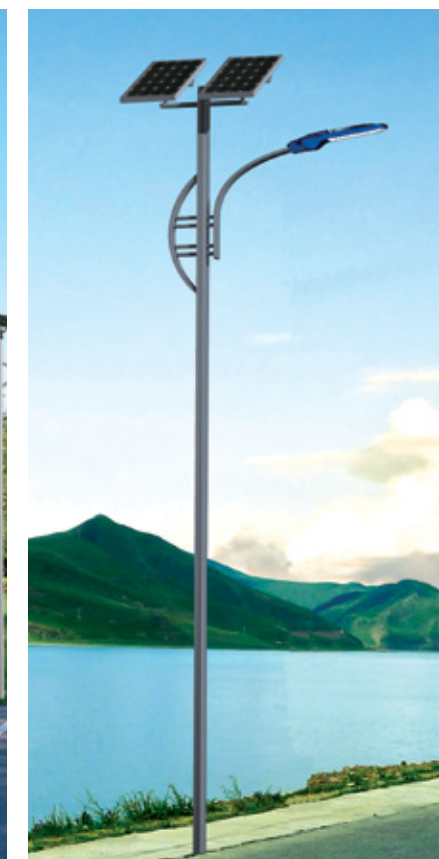
HTKJ-001



HTKJ-002



HTKJ-003



HTKJ-004



HTKJ-005



HTKJ-006



HTKJ-007