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Photovoltaic<sup>+</sup> New energy terminal  
Application whole industry chain operator  
光伏<sup>+</sup> 新能源终端应用全产业链运营商



新石器能源科技(中山)有限公司

Neolith Energy Technology (Zhongshan) CO., LTD

中国·广东 CHINA·GUANGDONG

地址：广东省中山市古镇曹三创业园华安东路北2号5F

5F NO.2,Huaan East Road,Caosan Venture Park,Guzhen Town,Zhongshan City,Guangdong Province

Mobile: (+86) 13229120988/Julie

Email: julie13229120988@foxmail.com



We Chat

新石器能源科技(中山)有限公司  
NEOLITH ENERGY TECHNOLOGY (ZHONGSHAN) CO., LTD

## 公司简介： Company Profile

新石器能源科技（中山）有限公司成立于2017年，总部位于湖北省中国光谷天门科技城，由一批从事光伏及新能源行业超过十年的资深专业人士联合创立。

新石器能源立足光伏新能源全产业链实业“智”造，拥有占地面积60亩，涵盖太阳能电池、太阳能电池组件、光伏电缆及连接线、光伏控制器、变压器、逆变器、五金、注塑等全产业链现代化工业园。

新石器能源积极创新开发市场需求，结合城乡特色开发新型光伏新能源综合应用示范项目，打造光伏低碳城市名片，推行全民参与的“光伏+众创空间”全新商业模式。

为生态链系统内企业及合作伙伴提供行业培训、技术输出、人才培养、及商业模式设计、产品定位及研发、市场运营管理等全方位经营辅导及咨询服务。

新石器能源拥有强大的技术研发平台和专业运营服务团队，具备《城市及道路照明工程专业承包叁级》、《建筑机电工程专业承包三级》等专业资质。参与了国内多个低碳、节能、光伏应用示范工程设计与建设，如：《十城万盏》LED节能路灯项目、江西《万家屋顶》光伏发电示范项目，湖北、河南、江西、广东《光伏扶贫》项目，云南、贵州《美丽乡村》建设项目。

在国内拥有多家分支机构，业务及产品遍布全球60多个国家和地区。全球范围内有300多个太阳能照明工程案例，全部实现全年100%亮灯。为全球超过20000位业主提供分布式光伏发电产品、安装、及服务，累计装机容量超过3.5GW。

未来，新石器能源将紧紧围绕新能源产业终端应用需求为出发点，以全产业链实业制造为基础，不断革新新技术、创新商业模式为人类节能环保与清洁能源应用做出巨大贡献。

新能源全产业链智造 智慧能源云数据服务 光伏+众创空间

### Neolith Energy /

Full industry chain service provider in PV + New energy terminal application

Neolith Energy Technology (Zhongshan) Co., Ltd. founded in the year of 2017. Its headquarter locates in Tianmen City, China Optical Valley, Hubei Province. It was founded by a group of experienced professionals (The ones engaged in PV and new energy industry for >10 years).

NEO Energy is based upon "smart" production in the PV new energy industry chain. We have one modern industrial Park with 60 Acres (means 40000 m<sup>2</sup>), including solar cells, solar modules, PV cables and connections, PV controllers, transformers, inverters, hardware, injection molding and other parts among the whole industrial chains.

NEO Energy is always actively innovating & developing the market demand, doing demonstration project combining with urban and rural characteristics of new PV new energy comprehensive application. Creating PV low-carbon city and promoting people participate the "PV+ Maker Space" (a new business model).

NEO Energy also provides industry training, technology export, talent training, business model design, product positioning and R & D, market operation management and other comprehensive business guidance and consulting services (for enterprises and partners in the ecological chain system).

NEO Energy has a strong technology R&D platform and professional operation-service team. Got the "City and Road lighting construction project professional contracting three qualifications", "Building Electro-mechanical project professional contracting three qualifications" and other professional qualifications. We has taken part in designing and constructing lots PV (low-carbon, energy-saving) demonstration projects. Such as: < Ten cities ten thousand lights > LED energy saving street lamp project, < ten thousand roofs > PV demonstration project in Jiangxi, "Beautiful Countryside" construction projects in Guizhou, Hubei, Henan, Jiangxi, Guangdong and Yunnan.

We have many branches in China. Our business and products are throughout the world (>60 countries and regions). In the world, there are > 300 cases of solar lighting projects, and all of them achieved 100% working throughout the year. We provides distributed PV power generations, installations, and services to >20000 owners in worldwide, with a cumulative installed capacity is > 3.5 GW.

In the future, NEO Energy will focus on the demands of new energy industry terminal applications. In the whole industry chain, NEO will take the industry manufacturing as the foundation and continuously improve the technology, innovate the business model, make great contribution for the energy saving, environmental protection and clean energy using.

New Energy-Whole Industrial Chain's Smart Production / Smart Energy Cloud Data Service / PV + Maker Space



## SOLAR PANEL |||

# Charge Mobile Phone



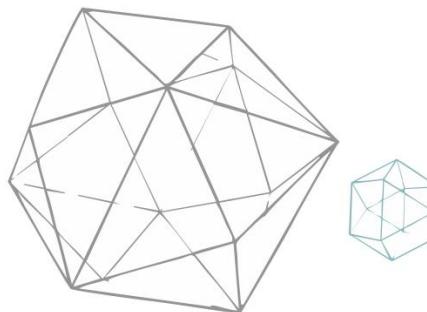
3W

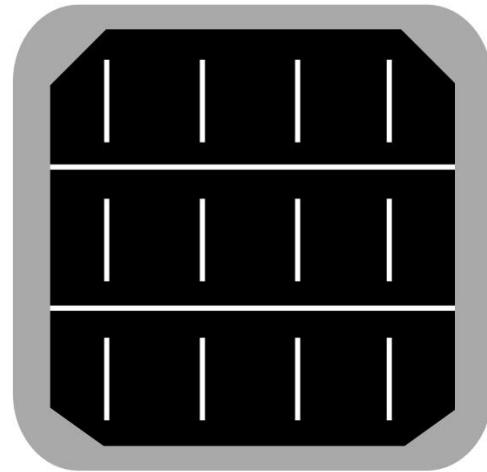


- 3 watt 6 voltage
- wire length :50 centimeter
- solar cell: poly
- waterproof
- Application range: change mobile phone
- Frame: plastic
- Size:145\*260\*18mm



5W





## MONO

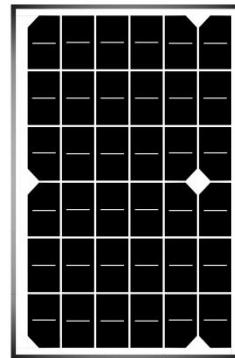
The photoelectric conversion efficiency of the silicon solar panels is about 15%, the highest of which is 24%, which is the photoelectric conversion efficiency of all kinds of solar panels.

### Single crystal silicon solar panel

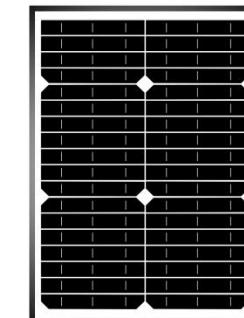
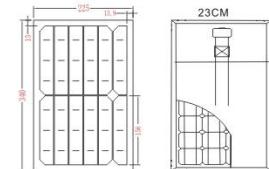
The highest rate of production, but the production cost is very large, so that it can not be widely used and widely used. Since the single crystal silicon is generally used as a package of toughened glass and waterproof resin, so its strong and durable, the service life of up to 15 years, up to 25 years.

单晶硅太阳能板的光电转换效率为15%左右，最高的达到24%，这是所有种类的太阳能板中光电转换效率最高的，但制作成本很大，以至于它还不能被大量广泛和普遍地使用。由于单晶硅一般采用钢化玻璃以及防水树脂进行封装，因此其坚固耐用，使用寿命一般可达15年，最高可达25年。

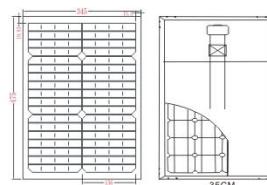
## Monocrystalline silicon solar panels 单晶硅太阳能板



**10W**

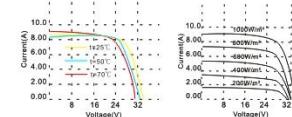


**20W**



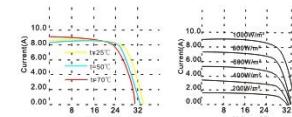
### Model: SPM-10W

Maximum Power(Pmax)	10W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	0.56A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	0.59A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	230*345*18mm
Weight:	1KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

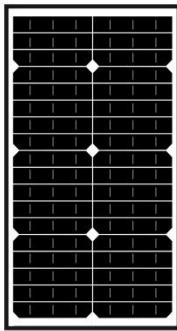


### Model: SPM-20W

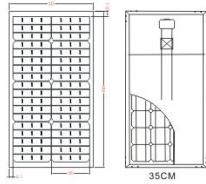
Maximum Power(Pmax)	20W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	1.1A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	1.18A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	480*350*23mm
Weight:	2KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



# Monocrystalline silicon solar panels 单晶硅太阳能板



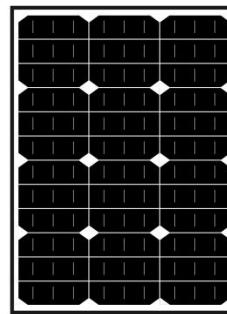
**30W**



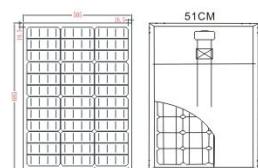
## Model: SPM-30W

Maximum Power(Pmax)	30W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	1.67A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	1.78A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	350*645*25mm
Weight:	2.6KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

# Monocrystalline silicon solar panels 单晶硅太阳能板



**50W**

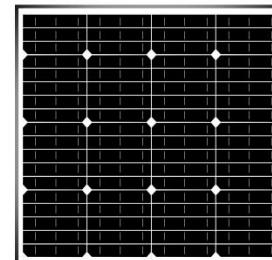


## Model: SPM-50W

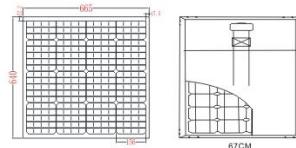
Maximum Power(Pmax)	50W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	2.78A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	2.97A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	510*690*30mm
Weight:	4KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

## Model: SPM-40W

Maximum Power(Pmax)	40W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	2.22A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	2.37A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	515*530*25mm
Weight:	3.6KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

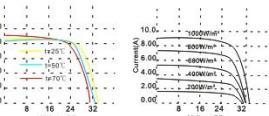
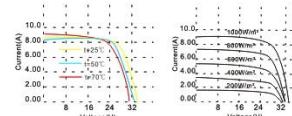


**60W**



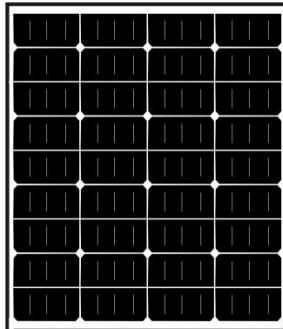
## Model: SPM-60W

Maximum Power(Pmax)	60W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	3.33A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	3.56A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	645*670*30mm
Weight:	4.9KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

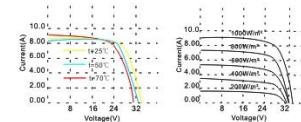
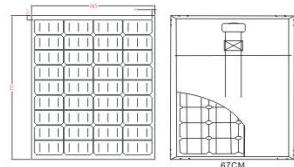


## Monocrystalline silicon solar panels 单晶硅太阳能板

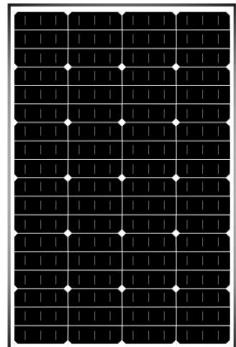
### Model:SPM-80W



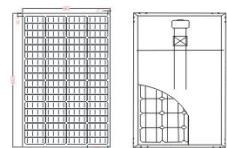
**80W**



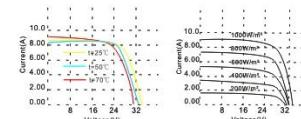
### Model:SPM-100W



**100W**



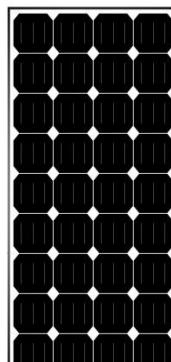
Maximum Power(Pmax)	100W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	5.56A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	5.94A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	670*1020*30mm
Weight:	8KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



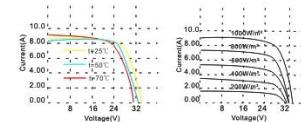
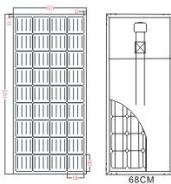
## Monocrystalline silicon solar panels 单晶硅太阳能板

### Model:SPM-150W

Maximum Power(Pmax)	150W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	8.3A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	8.88A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±3%
Dimensions:	680*1480*30mm
Weight:	11KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

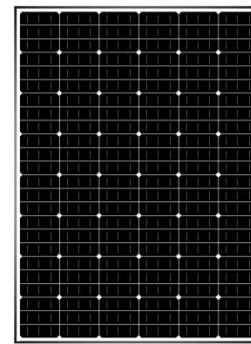


**150W**

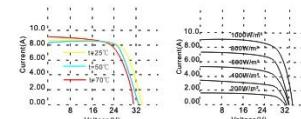
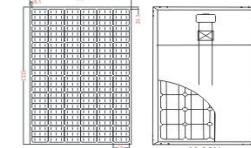


### Model:SPM-200W

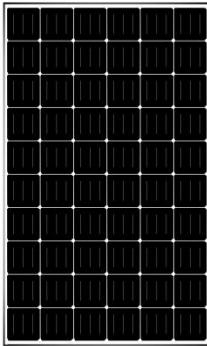
Maximum Power(Pmax)	200W
Voltage at Pmax(Vmp)	36V
Current at Pamx(Imp)	5.55A
Open-circuent Voltage(Voc)	45V
Short-circuit Current(Isc)	5.94V
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±3%
Dimensions:	992*1340*40mm
Weight:	16KG
Solar cell:	144 cell in series(6*24)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



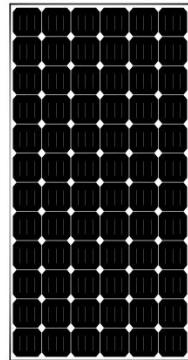
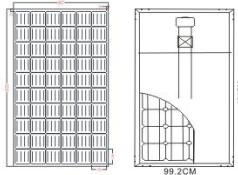
**200W**



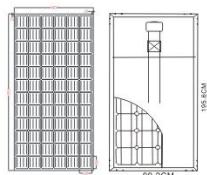
# Monocrystalline silicon solar panels 单晶硅太阳能板



**250W**

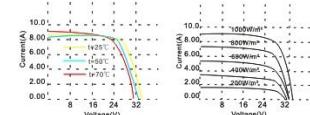


**300W**



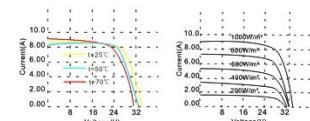
## Model: SPM-250W

Maximum Power(Pmax)	250W
Voltage at Pmax(Vmp)	30.4V
Current at Pmax(Imp)	8.33A
Open-circuent Voltage(Voc)	36V
Short-circuit Current(Isc)	8.9A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±3%
Dimensions:	992*1640*45mm
Weight:	19.5KG
Solar cell:	60 cell in series(6*10)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



## Model: SPM-300W

Maximum Power(Pmax)	300W
Voltage at Pmax(Vmp)	36V
Current at Pmax(Imp)	8.33A
Open-circuent Voltage(Voc)	45V
Short-circuit Current(Isc)	8.9V
Operating Temperature	-40°C~85°C
Maximum system voltage	1000V DC
Power Tolerance	±3%
Dimensions:	992*1956*45mm
Weight:	22KG
Solar cell:	72 cell in series(6*12)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



camping



in caravan



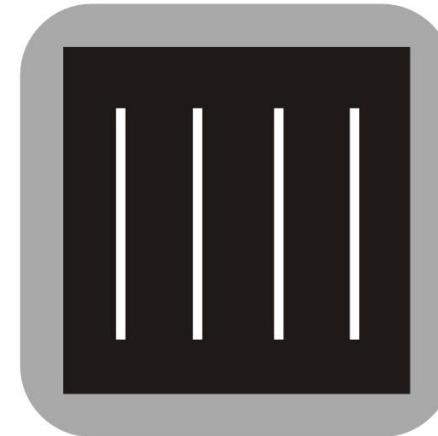
lighting



mobile home



at home

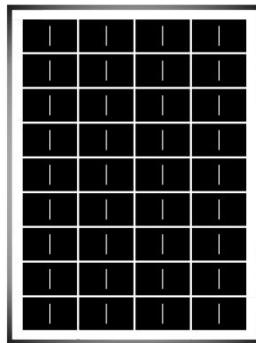


**POLY**

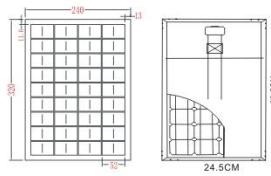
Polycrystalline silicon solar panels and the production process is similar to the silicon solar panels, but the photoelectric conversion efficiency of polycrystalline silicon solar panels to reduce a lot, and its photoelectric conversion efficiency is about 12%. From the production cost in terms of cheaper than silicon solar panel material, simple manufacture, saving power consumption, and the production cost is low, so get a lot of development. In addition, the service life of polycrystalline silicon solar panels is shorter than that of single crystal silicon solar panels. From the performance price ratio, the silicon solar panels are also slightly better.

多晶硅太阳能板的制作工艺与单晶硅太阳能板差不多，但是多晶硅太阳能板的光电转换效率则要降低不小，其光电转换效率约12%左右。从制作成本来讲，比单晶硅太阳能板要便宜一些，材料制造简便，节约电耗，总的生产成本较低，因此得到大量发展。此外，多晶硅太阳能板的使用寿命也要比单晶硅太阳能板短。从性能价格比来讲，单晶硅太阳能板还略好。

# polycrystalline silicon solar panel 多晶硅太阳能板

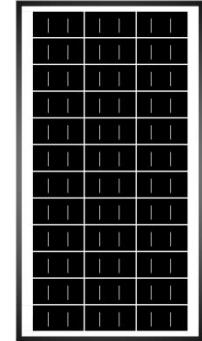
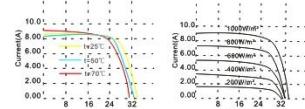


**10W**

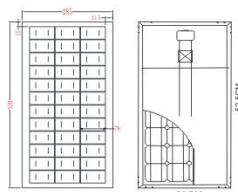


## Model:SP-10W

Maximum Power(Pmax)	10W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	0.59A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	0.68A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	245*325*18mm
Weight:	1KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

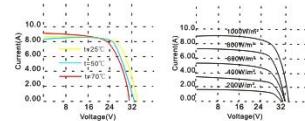


**20W**

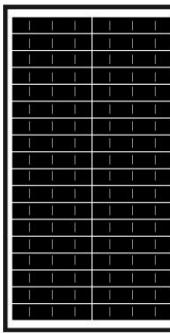


## Model:SP-20W

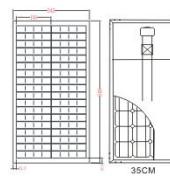
Maximum Power(Pmax)	20W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	1.1A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	1.18A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	290*525*23mm
Weight:	2KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



# polycrystalline silicon solar panel 多晶硅太阳能板

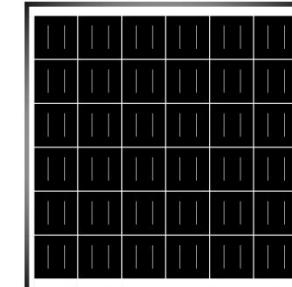
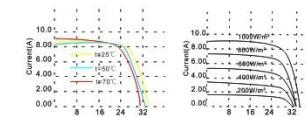


**30W**

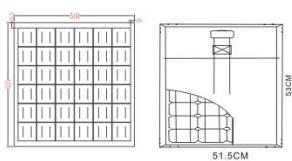


## Model:SP-30W

Maximum Power(Pmax)	30W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	1.67A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	1.78A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	350*645*25mm
Weight:	2.6KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

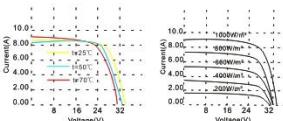


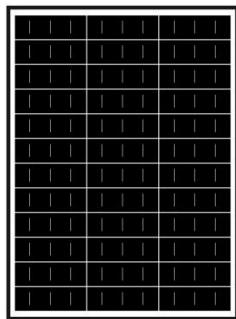
**40W**



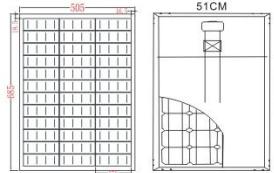
## Model:SP-40W

Maximum Power(Pmax)	40W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	2.22A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	2.37A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	515*530*25mm
Weight:	3.6KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



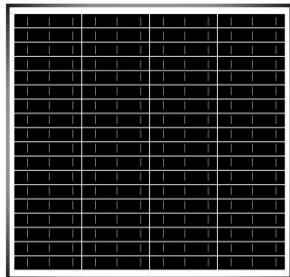
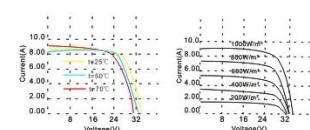


**50W**

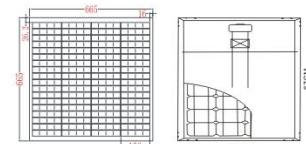


### Model:SP-50W

Maximum Power(Pmax)	50W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	2.78A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	2.97A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	510*690*30mm
Weight:	4KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

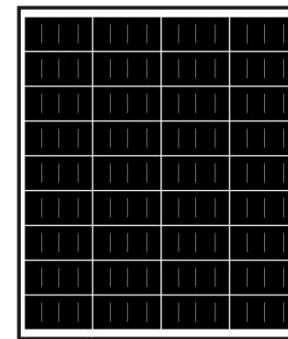
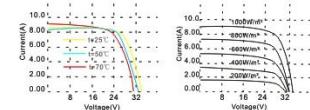


**60W**

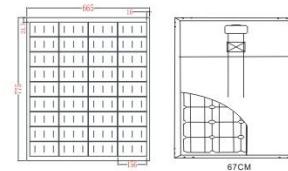


### Model:SP-60W

Maximum Power(Pmax)	60W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	3.33A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	3.56A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	670*670*30mm
Weight:	4.9KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

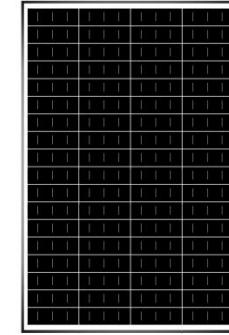
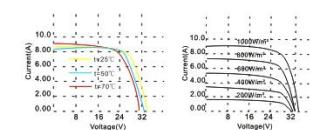


**80W**

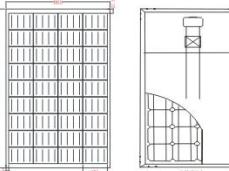


### Model:SP-80W

Maximum Power(Pmax)	80W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	4.44A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	4.75A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	670*780*30mm
Weight:	5.5KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

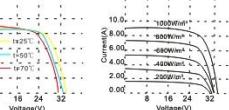


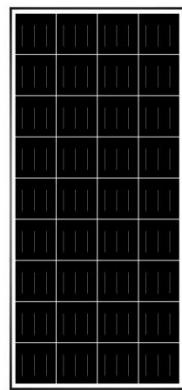
**100W**



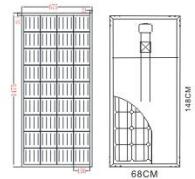
### Model:SP-100W

Maximum Power(Pmax)	100W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	5.56A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	5.94A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±5%
Dimensions:	670*1020*30mm
Weight:	8KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver



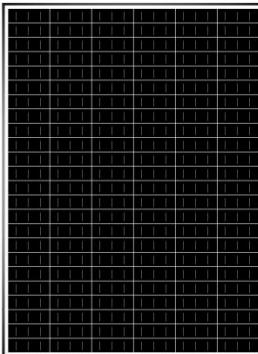
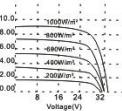


**150W**

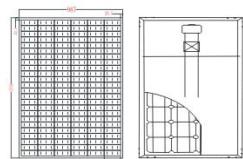


## Model:SP-150W

Maximum Power(Pmax)	150W
Voltage at Pmax(Vmp)	18V
Current at Pamx(Imp)	8.3A
Open-circuent Voltage(Voc)	21V
Short-circuit Current(Isc)	8.88A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±3%
Dimensions:	680*1480*30mm
Weight:	11KG
Solar cell:	36 cell in series(4*9)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

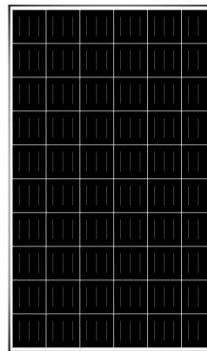
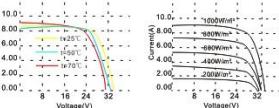


**200W**

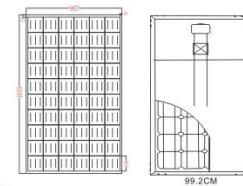


## Model:SP-200W

Maximum Power(Pmax)	200W
Voltage at Pmax(Vmp)	36V
Current at Pamx(Imp)	5.55A
Open-circuent Voltage(Voc)	45V
Short-circuit Current(Isc)	5.94V
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±3%
Dimensions:	992*1340*40mm
Weight:	16KG
Solar cell:	144 cell in series(6*24)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

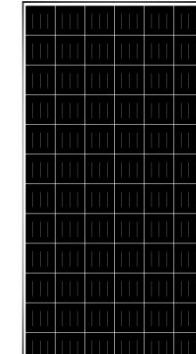
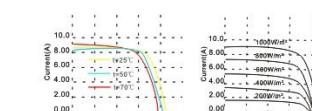


**250W**

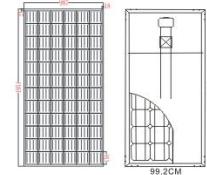


## Model:SP-250W

Maximum Power(Pmax)	250W
Voltage at Pmax(Vmp)	30.4V
Current at Pamx(Imp)	8.33A
Open-circuent Voltage(Voc)	36V
Short-circuit Current(Isc)	8.9A
Operating Temperature	-40°C~85°C
Maximum system voltage	600V DC
Power Tolerance	±3%
Dimensions:	992*1640*45mm
Weight:	19.5KG
Solar cell:	60 cell in series(6*10)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver

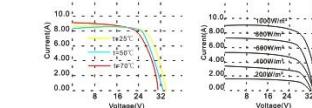


**300W**



## Model:SP-300W

Maximum Power(Pmax)	300W
Voltage at Pmax(Vmp)	36V
Current at Pmax(Imp)	8.33A
Open-circuent Voltage(Voc)	45V
Short-circuit Current(Isc)	8.9V
Operating Temperature	-40°C~85°C
Maximum system voltage	1000V DC
Power Tolerance	±3%
Dimensions:	992*1956*45mm
Weight:	22KG
Solar cell:	72 cell in series(6*12)
Construction:	High-transmission Low-iron tempered glass, EVA, PET
Frame:	aluminum color:silver





MPPT充电 MPPT CHARGE	人体微波感应 The human body microwave induction	充放保护 Protection of inflation	3时段设计 Three time design
√	✗	√	√
光效 lighting effect		≥120Lm/W	
LED寿命 LED lifetime		≥50000H	
电池 BATTERY		12V 20Ah	
太阳能板 SOLAR PANEL		45W 18V	
安装高度 mounting height		4~8 米 (meter)	
防水 waterproofness		IP 43	
太阳能充电时间 Solar charging time		有效日照8~10个小时 8-10 hours of sunlight effectively	
照明时间 The lighting time		每天亮灯10~11小时，阴雨天可持续5~7天 Light 10 to 11 hours a day, rainy day sustainable 5-7 days	
材料 material		铝材 + 钢化玻璃 Aluminum + toughened glass	
尺寸 Size		808*390*44mm	



MPPT充电 MPPT CHARGE	人体微波感应 The human body microwave induction	充放保护 Protection of inflation	3时段设计 Three time design
√	√	√	√
光效 lighting effect		≥120Lm/W	
LED寿命 LED lifetime		≥50000H	
电池 BATTERY		12V 10Ah	
太阳能板 SOLAR PANEL		25W 18V	
安装高度 mounting height		4~8 米 (meter)	
防水 waterproofness		IP 43	
太阳能充电时间 Solar charging time		有效日照4~6个小时 4-6 hours of sunlight effectively	
照明时间 The lighting time		每天亮灯10~11小时，阴雨天可持续3~4天 Light 10 to 11 hours a day, rainy day sustainable 3-4-days	
材料 material		铝材 + 钢化玻璃 Aluminum + toughened glass	
尺寸 Size		688*325*44mm	

## Composition of solar panels

\*Solar energy has toughened glass:transmittance of 91% or more.



\*EVA:used to bond the fixed tempered glass and the battery.

\*Solar cells:crystalline silicon solar cells,thin film solar cells.

\*Back plate:PET film,action:sealing,insulation,waterproof.

\*Frame:aluminum alloy protection feame,protective laminate, up to a certain sealing,supporting role.

\*Junction box:to protect the entire power generation system, to play the role of the current transfer station.

## Use of solar panels

\*Small power 10W-100W ranging. In remote areas without electricity, such as plateau Island, pastoral areas, border posts and other military and civilian living electricity, lighting, television, computer etc.



\*3-5KW home roof grid connected power generation system.

\*Photovoltaic water pump: to solve the deep water wells in the area without electricity drinking, irrigation.

\*Household lighting power supply. Such as solar garder lights, street lamps, hand lamps, lamp, Camping Hiking Fishing lights black lights tapping lamp and energy-saving lamp etc.