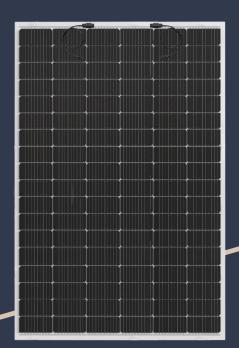
Products & Data Sheets

SPS Solo Power Special Incorporation

FLEX 410W PANEL



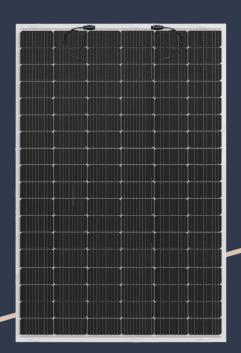
Maximum Power (Pmax)	410W	
Maximum Power Voltage(Vmp)	30.8V	
Maximum Power Current(Imp)	13.16A	
Open-circuit Voltage(Voc)	37.2V	
Short-circuit Current(Isc)	13.81A	
Module Efficiency(%)	20.46%	
Operating Temperature	-40 °C to 85 °C	
Maximum System Voltage	1500VDC	
Maximum Series Fuse Rating	20 A	
STC:Irradiance 1000W/m², module temperature 25°C, AM=1.5		
Cell Size No. of cells	182×91mm 108	
Module Dimensions	L:1735*W:1141*H:3 mm L:1735*W:1141*H:18 mm(J-Box included)	
Weight	6.3kg	
J-Box	IP 67	
Output cables	4mm²	
Temperature Characteristics		
NOCT(Nominal Operating Cell Temperature)	41 ± 2°C	
Temperature Coefficient of Pmax	-0.38%/°℃	
Temperature Coefficient of Voc	-0.28%/℃	

Flexible solar panels are thin and lightweight solar modules that can be easily bent. They are made from flexible materials such as plastic or metal, making them highly durable and resistant to bending or breaking.

The weight difference of thin-film models is about one-third (1/3) that of traditional silicon modules, which reduces the load on the building when installed on roofs. This can lead to cost savings on structural reinforcement work.

Flexible solar panels can be installed in various locations, including building exteriors, curved roofs, and aging buildings.

FLEX 520W PANEL



Electrical Characteristics		
Maximum Power (Pmax)	520W	
Maximum Power Voltage(Vmp)	40.3V	
Maximum Power Current(Imp)	12.94A	
Open-circuit Voltage(Voc)	48.4V	
Short-circuit Current(Isc)	13.56A	
Module Efficiency(%)	20.34%	
Operating Temperature	-40 °C to 85 °C	
Maximum System Voltage	1500VDC	
Maximum Series Fuse Rating	20 A	
STC:Irradiance 1000W/m², module temperature 25°C, AM=1.5		
	182×91mm	
Cell Size	182×91mm	
No. of cells	144	
Module Dimensions	L:2246*W:1197*H:3 mm L:2246*W:1197*H:18 mm(J-Box included)	
Weight	9.1kg	
J-Box	IP 67	
Output cables	4mm²	
Temperature Characteristics		
NOCT(Nominal Operating Cell Temperature)	41 ± 2°C	
Secretary and the secretary secretar	-0.38%/°C	
Temperature Coefficient of Pmax		
Temperature Coefficient of Voc	-0.28%/°C	
Temperature Coefficient of Isc	0.020%/°C	

Flexible solar panels are thin and lightweight solar modules that can be easily bent. They are made from flexible materials such as plastic or metal, making them highly durable and resistant to bending or breaking.

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BALCONY SOLAR SYSTEM



Electrical Characteristics

Electrical characteristics	
Maximum Power (Pmax)	210W
Maximum Power Voltage(Vmp)	16.2V
Maximum Power Current(Imp)	13.6A
Open-circuit Voltage(Voc)	19.4V
Short-circuit Current(Isc)	13.72A
Module Efficiency(%)	19.26%
Operating Temperature	-40 °C to 85 °C
Maximum System Voltage	600VDC
Maximudian Series (Pluse Ratingle temperature 25°C, AM=1.5	15 A

Mechanical Characteristics

Mechanical Characteristics		
Cell Size	182×91mm	
No. of cells	56	
Module Dimensions	L:1380*W:790*H:3 mm L:1380*W:790*H:18 mm(J-Box included)	
Weight	3.4kg	
J-Box	IP 67	
Output cables	4mm²	

Balcony Solar Systems are the ultimate solution for reducing carbon emissions and energy costs. They are suitable for apartment residents and homeowners, seamlessly integrating into any balcony or outdoor space with a modern design.

Equipped with high-efficiency solar panels that provide enough power for household use, balcony solar systems also include robust battery storage systems to store excess energy for use during peak hours or at night, ensuring a reliable energy source at all times.

One of the standout features of balcony solar systems is their user-friendly interface, which allows real-time monitoring of energy production and consumption. Users can easily track energy usage, adjust settings, and receive notifications when it's time to recharge the battery.

For those looking to enhance their energy savings further, balcony solar systems offer customizable options, such as adding more solar panels or expanding battery storage capacity. This means the system can be tailored to specific energy needs and budgets.

In summary, balcony solar systems provide an innovative and practical solution for reducing environmental impact and saving on energy bills. With high-efficiency solar panels, powerful battery storage systems, and a user-friendly interface, they are an excellent choice for eco-conscious homeowners seeking positive change.

PANEL FOR RV



Electrical Characteristics			
Maximum Power (Pmax)	100W	200W	
Maximum Power Voltage(Vmp)	19.4V	20.1V	
Maximum Power Current(Imp)	5.20A	10.02A	
Open-circuit Voltage(Voc)	23.5V	23.9V	
Short-circuit Current(Isc)	5.51A	10.74A	
Module Efficiency(%)	19.2%	19.26%	
Operating Temperature	-40 °C	-40 °C to 85 °C	
Maximum System Voltage	600	600VDC	
Maximum Series Fuse Rating	1	5A	
STC-Irradiance 1000W/m² module temperature 25°C AN	4-1 5		

STC:Irradiance 1000W/m2, module temperature 25°C, AM=1.5

Mechanical Characteristics

Cell Size	166×83mm	182×91mm
Octi Olze	100~6311111	102 \ 9 111111
No. of cells	36	56
Module Dimensions	L:1093*W:582*H:3 mm	L:1380*W:790*H:3 mm
Weight	2.2kg	3.7kg
J-Box	IP 67	
Output cables	4mm²	

The PANEL FOR RV solar panel is suitable for various applications, including RVs, trucks, refrigerated vehicles, and boats.

It is flexible, lightweight, and has a high power generation efficiency per unit area, making it easy to transport and carry.

Installation is straightforward, as it can be secured using structural adhesives or screws without the need for brackets.