

Flexible Solar Panel



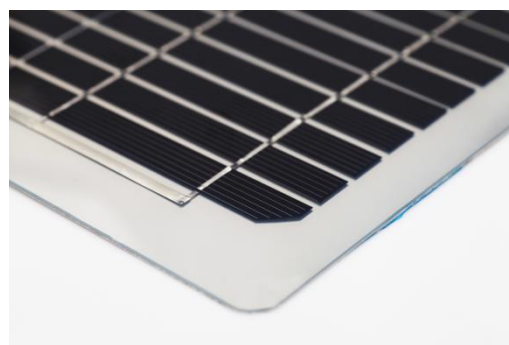
The Eco-Sources is specializing in Solar panel and related energy saving products more 10 years. The Eco-sources series of Flexible solar panel is one important part of main products. It's high conversion efficiencies, easy installation and hand. It's widely used in any large or small on-gird/off-gird solar power stations, building roof-top, boat, RV. Now we have developed 10w, 20w, 40w, 50w, 80w, 100w poly and mono flexible solar panel.

Features

1. High efficiency poly solar panel
2. Bending angle up to 30 degrees
3. Durable with aluminum backsheet, no glass
4. Only 2.5mm thickness For boat , RV , solar system
5. Light weight for easy carry.

Kit Contents



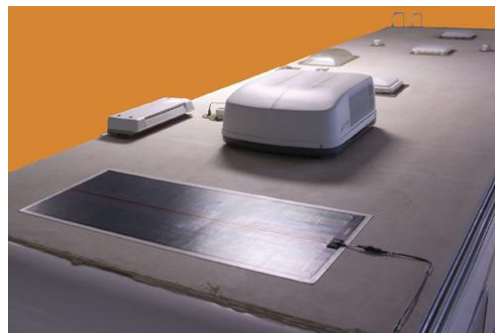
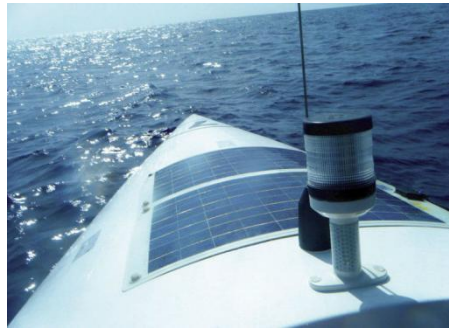


Specifications

Model	ICO-SPS10	ICO-SPS20	ICO-SPS40	ICO-SPS50	ICO-SPS80	ICO-SPS100
Related power	10W	20W	40W	50W	80W	100W
Max. power Current(Imp)	0.55A	1.11A	2.22A	2.77A	4.44A	5.55A
Short circuit current(Isc)	0.577A	1.22A	2.44A	3.05A	4.88A	6.11A
Max. power voltage (Vmp)	18V					
Open circuit voltage(Voc)	21.6V					
Number of solar cell						
Solar Cell Efficiency	≥16.8%					
Maximum System Voltage	DC300V					
Output Tolerance	±3%					
Test Condition	AM=1.5, E=1000W/m ² , Tc=25° C					
Dimensions (L x W x H)mm	245*440*2.5	590*346*2.5	635*506*2.5	770*508*2.5	919*692*2.5	1160*690*2.5
NET Weight (KG)	0.54KG	1.05KG	1.52KG	1.86KG	2.93KG	3.61KG

Model	ICO-SMS10	ICO-SMS20	ICO-SMS40	ICO-SMS50	ICO-SMS80	ICO-SMS100
Related power	10W	20W	40W	50W	80W	100W
Max. power Current(Imp)	0.549A	1.11A	2.22A	2.77A	4.44A	5.55A
Short circuit current(Isc)	0.576A	1.22A	2.44A	3.05A	4.88A	6.11A
Max. power voltage (Vmp)	18V					
Open circuit voltage(Voc)	21.6V					
Number of solar cell						
Solar Cell Efficiency	≥16.8%					
Maximum System Voltage	DC300V					
Output Tolerance	±3%					
Test Condition	AM=1.5, E=1000W/m ² , Tc=25° C					
Dimensions (L x W x H)mm	395*290*2.5	635*295*2.5	598*540*2.5	760*540*2.5	1080*570*2.5	1040*810*2.5
NET Weight (KG)	0.64KG	0.92KG	1.52KG	1.89KG	2.76KG	3.84KG

Application



Maintenance

Cleaning Panels

Use warm water and a soft sponge or cloth to clean your panel and keep the controller dry.

Will hail hurt my solar panel?

All glass used in solar panels is toughened & factory tested to International standards. The small hail is no problem.

Do the solar panel systems make any noise?

No, they are not noise and you can use them in all national parks.

Will dirty glass on my solar panel reduce the power it creates?

Yes, please keep the glass area of your solar panel as clean as possible. All dirty marks or films on the glass surface will reduce the efficiency. Keep it free from bird and bat dropping's as they may permanently mark the glass surface. Clean with a moist soft cloth.

What can I run with a solar panel?

The PCB Laminated solar panels will charge a battery while it's in the sun. This type of unit is commonly used to run lights, TV'S,

Warranty & Repairs

Customer Service Policy

Eco-sources solar panel is committed to providing exceptional customer service and quality products. The products meet all government and international regulations.

Warranty

Our solar products come with a 25 year warranty on all solar panels (10 years at 90% efficiency and 25 years at 80% efficiency)

Repairs

For repairs please contact to us email or telephone.

Exchange Service

You can choose between a refund, exchange or credit where goods are faulty or doesn't do what it's supposed to do.