

SUNGOLD SOLAR CO.,LTD

Founded in 2008, manufacturer of 12v off-grid solar panel for rv&marine



Control · Developing · Growth



COMPANY PROFILE

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Shenzhen Sungold Solar Co., Ltd is the world's leading supplier of solar panels with high technology & automated module production line. For more than a decade, we have been focusing on manufacturing customized rigid solar panels, flexible solar panels, and portable solar panels, which are widely used on RVs, marine boats, off grid solar system fields and so on.

Shenzhen Sungold Solar Co., Ltd was founded in 2008. With the concept of "Grateful, Developing and Growth" in mind, a startup has grown to a national hi-tech enterprise. We devoted to providing customers ideal products with the best quality.



CATALOGUE



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Semi-flexible Solar Panel

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SUNGOLD MISSION

We are committed to offering excellent service, producing high quality product, and providing the most cost-e. Based on the concept of "One Earth, One Home", we devoted to producing more of our green products to leave a blue sky.

With the most efficient production line, laser cutting machine, IC tester, laminating machine, etc., Sungold achieved certificates of CE, RoHS, ISO and so on. We produce the high quality products with superior materials.



As Sungold has expertly produced and invented the products, Sungold has developed the products ranging from 3w-400w mono/polycrystal rigid solar panel kit, semi-flexible solar panel to portable solar panel. With the innovative technology and excellent production, the products have been exported to **Europe, North America, Oceania, Southeast Asia**, etc. We have built cooperative partnership with our customers with perfect service.



The professional producing experience of solar panel

Accumulating the experience for more than a decade, Sungold has become a company with mature technology and management system.



Outstanding quality

With the certificates of CE, RoHS, ISO, etc., and automated production line, we can professionally provide high quality products.



Professional techniques and service

All Sungold products are crafted according to the needs of customers, and also the service we do is all for customers.

COMPANY OVERVIEW



Workshop



Meeting Room



Office

Laser cutting machine



Series welding machine





RoHS



CE



CE



Trademark



Patent



Patent



ISO4001

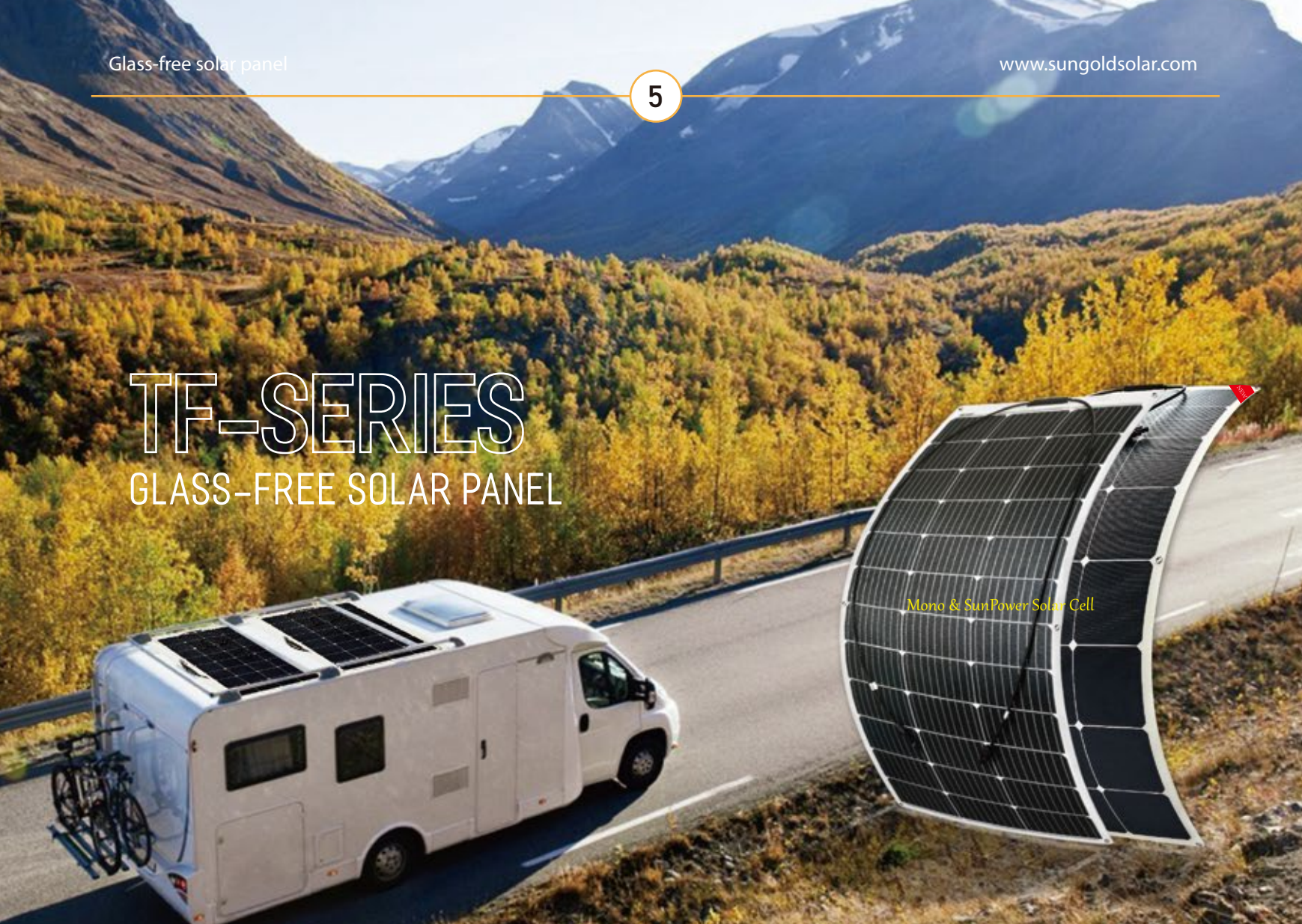


ISO9001

TF-SERIES

GLASS-FREE SOLAR PANEL

Mono & SunPower Solar Cell



TF SERIES

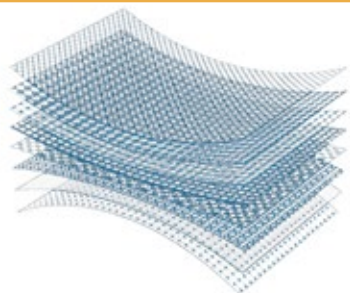
GLASS-FREE SOLAR PANEL

TF series photovoltaic module is an innovative glass-free solar module. It adopts proven crystalline silicon solar cell technology and polymer composite material to achieve a new type of pv module that is glass-free, lightweight and thin sheet. TF series is as light as 3.5 kg/m², which is only 30% of glass module and 55% of P028 lightweight module. The thickness can be reduced to 2mm. We customize the shape and size and achieve custom design and production.

NEW



Note: refer to the installation instructions when using



Innovative material

Patented polymer composite material



Thinner

Only 2mm thin while other flexible panel is over 3mm



Flexible

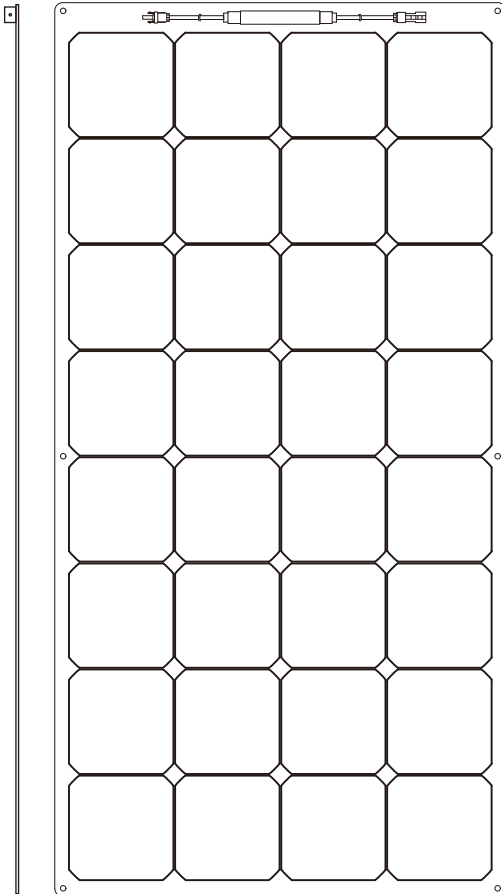
Flexible - The minimum bending radius is 1m



Lighter

3.5kg/m² and glass-free

specifications



Model	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)
SG-TF-M-70W	745*540*2mm	3*12	23.4	19.8	3.75	3.53	1.45
SG-TF-M-110W	1080*540*2mm	3*12	23.4	19.8	5.89	5.55	2.10
SG-TF-M-200W	1420*710*2mm	4*8	20.8	17.6	12.05	11.36	3.63
SG-TF-M-245W	1770*710*2mm	4*10	25.9	22.0	11.80	11.14	4.53
SG-TF-M-270W	1940*710*2mm	4*11	28.6	24.2	11.83	11.16	4.96
SG-TF-S-80W	840*540*2mm	4*18	23.4	19.8	4.28	4.04	1.63
SG-TF-S-110W	1070*540*2mm	4*8	21.7	18.4	6.34	5.98	2.08
SG-TF-S-120W	1200*540*2mm	4*9	24.4	20.7	6.14	5.80	2.33
SG-TF-S-140W	1330*540*2mm	4*10	29.3	24.8	5.99	5.65	2.59
SG-TF-S-150W	1460*540*2mm	4*11	32.2	27.3	6.21	5.86	2.84

General parameters

Solar Cells	Mono & Sunpower
Cell Efficiency	22.62% / 22.60%
JB,Cable,Mc4	JB+0.9m cable+MC4
Maximum system voltagea	600V DC / 200V DC
Junction box	IP67 rated

Temperature Rating

Power temperature coefficient	-0.32%/°C
Voltage temperature coefficient	-1.8mv/°C
Warranty	5 year
Output power tolerance	±3%
Operating Temperature	-40 C ~85 C



TF series expands the imagination of PV technology application, can be easily combined with a variety of innovative solutions, making them suitable for light roof, BIPV, RV, yacht, mobile energy and outdoor activities.



CUSTOMIZABLE

Mono: 30W~270W
SunPower: 30W~200W

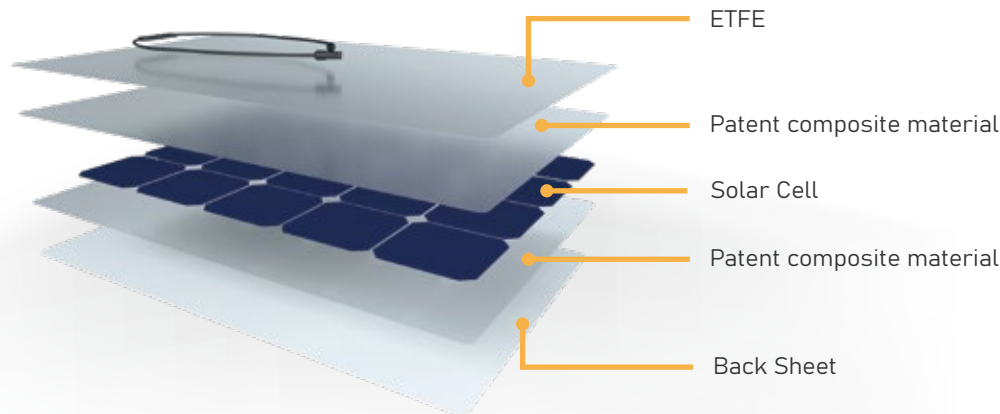
BORDER COLOR:



Mono crystal



SunPower crystal



NEW



New Arrival

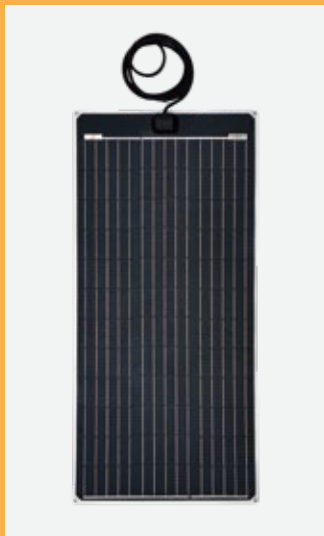


LEE-SERIES

SEMI-FLEXIBLE SOLAR PANEL

ETFE Material Adopted on both Surfaces

ETFE on the both sides makes 95% transmittance. LEE is more resistant to high temperature and corrosion with a longer service.

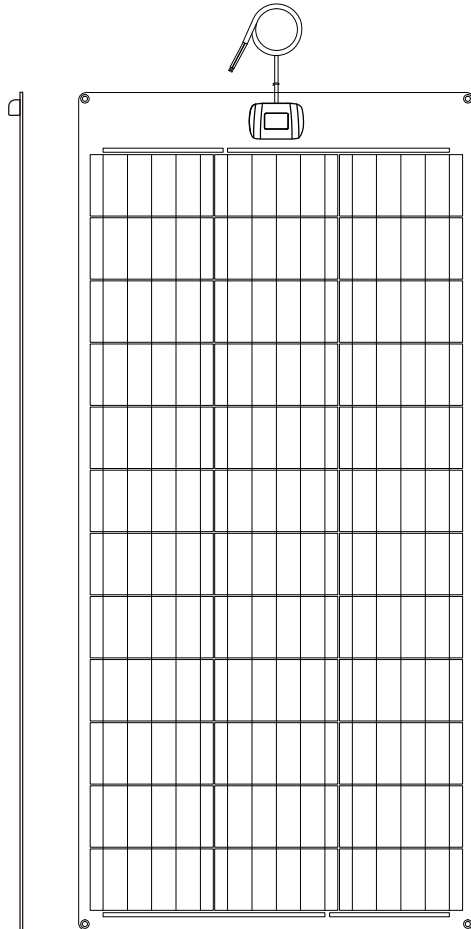


LEE-SERIES SOLAR PANEL

LEE-Series solar panel is the updated version of LE-series. Compared with LE-series, the LEE-series uses Japan-imported ETFE material on its both surfaces and a fibre glass sheet on the back, making it more durable and more suitable for marine use.

LEE-SERIES SOLAR PANEL
Power yachts, enjoy scenery.

SPECIFICATION



Model	Cells	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
LEE-M-40W	Mono	350*670*4mm	2*18	23.6	20.0	2.12	2.00
LEE-M-65w	Mono	510*730*4mm	3*12	23.6	20.0	3.45	3.25
LEE-M-100w	Mono	510*1050*4mm	3*12	23.6	20.0	5.30	5.00
LEE-M-135w	Mono	680*1060*4mm	4*18	23.6	20.0	7.36	6.82
LEE-M-200w	Mono	680*1530*4mm	4*9	23.6	20.0	10.6	10.0
LEE-SP-60w	SunPower	540*650*4mm	4*9	23.6	20.0	3.18	3.00
LEE-SP-110w	SunPower	540*1080*4mm	4*8	21.2	18.0	6.48	6.12
LEE-SP-120w	SunPower	540*1205*4mm	4*9	23.6	20.0	6.36	6.00
LEE-SP-150w	SunPower	540*1470*4mm	4*11	30.0	25.5	6.24	5.89
LEE-SP-200w	SunPower	800*1360*4mm	6*10	40.0	34.0	6.24	5.89

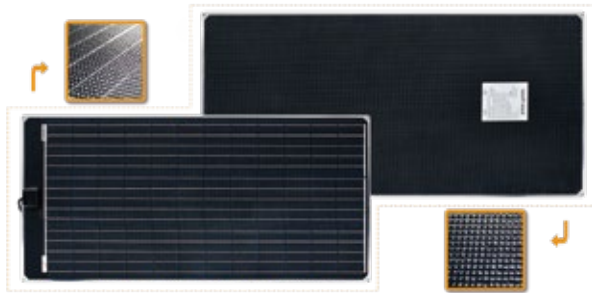
General Parameters

Solar cells	Mono/SunPower
Cell efficiency	22.42%/22.60%
JB, cable and MC4	JB+0.9m cable+MC4
Maximum system voltage	200V DC/100V DC
Junction box	IP65 or IP67 rated

Temperature Rating

Power temperature coefficient	-0.43%/°C
Voltage temperature coefficient	-0.34%/°C
Current temperature coefficient	+0.05%/°C
Output power tolerance	±3%
Operating temperature	-20°C~75°C

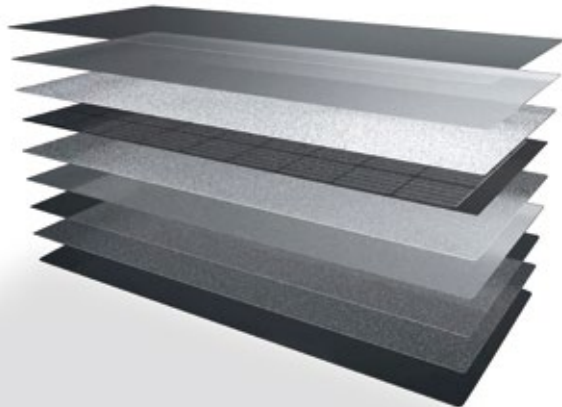
Front



Back

LEE-SERIES SOLAR PANEL

ETFE Material on the Both Surfaces



- ETFE
- Patented material
- EVA
- Solar cell
- EVA
- Patented material
- Fiberglass
- EVA
- ETFE



CUSTOMIZABLE

Mono: 30W~200W
SunPower: 35W~200W

SURFACE :



Z (Glossy)



X (Matt)

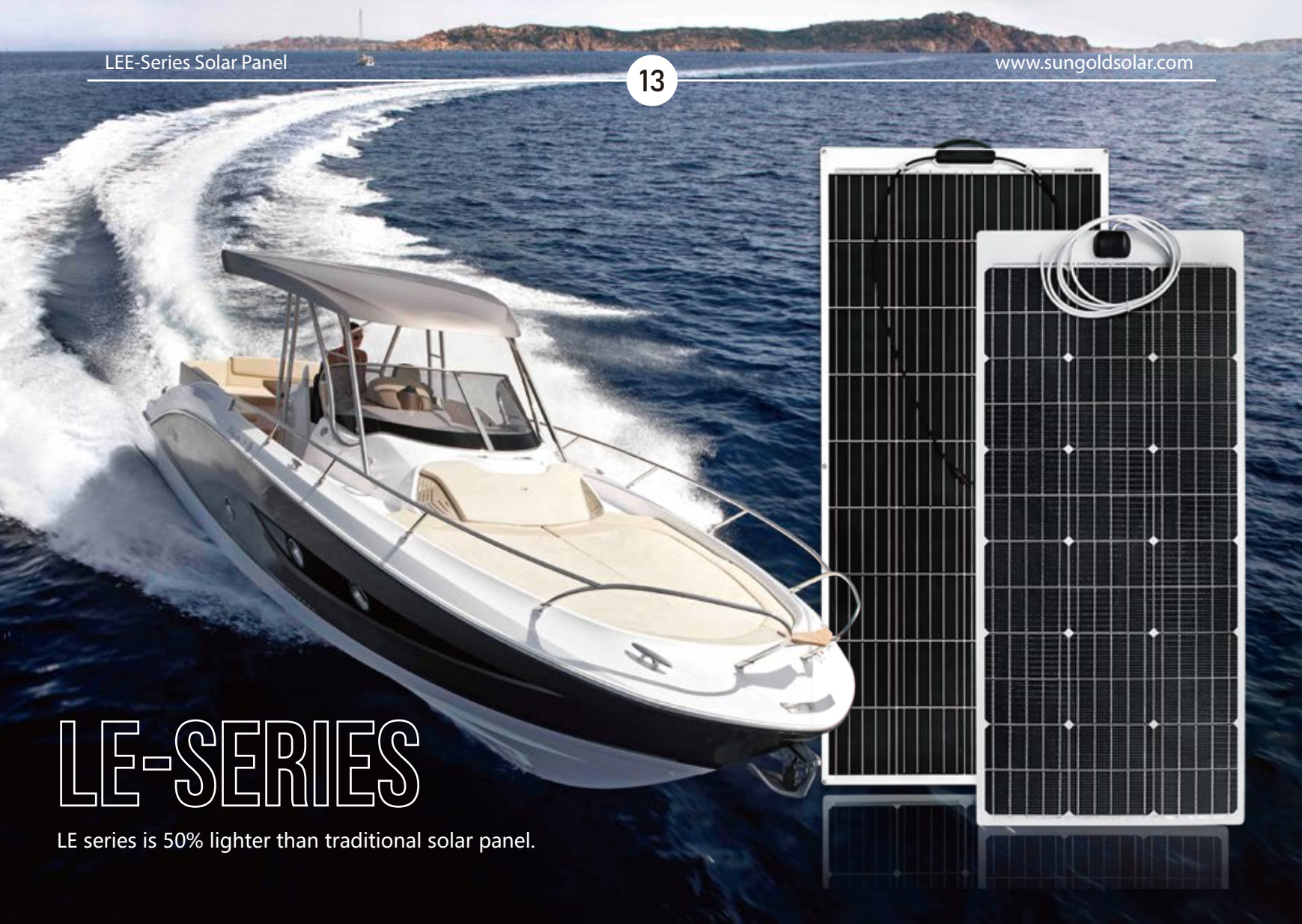
JUNCTION BOX



A (Model)



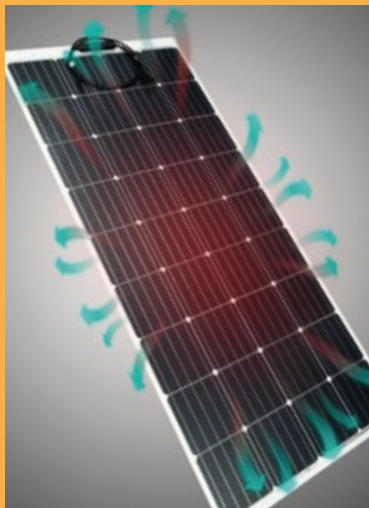
B (Model)



LE-SERIES

LE series is 50% lighter than traditional solar panel.

LIGHTWEIGHT SOLAR PANEL (LE-SERIES)



Deformation resistance



Easy installation

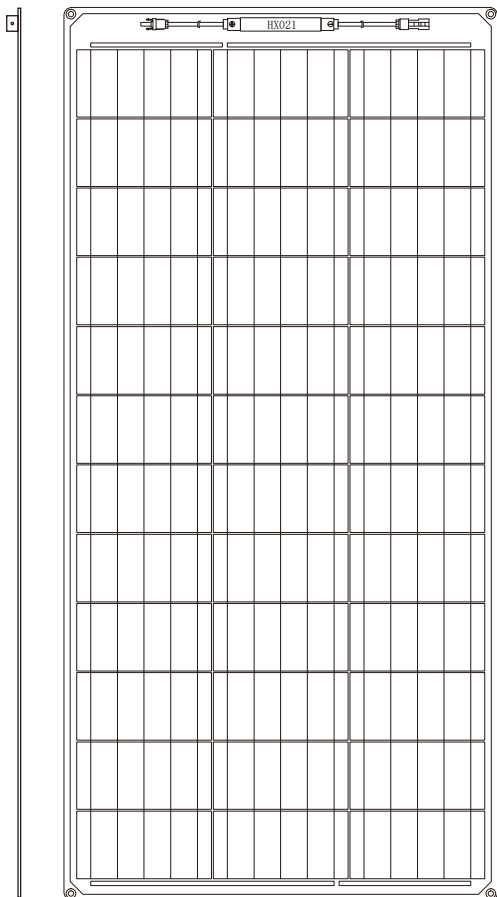


Installed on irregular surface



ETFE surface

SPECIFICATION



Model	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
L-M-30w20v	350*580*4mm	2*18	23.3	19.8	1.64	1.52
L-M-40w20v	350*670*4mm	2*18	23.3	19.8	2.12	2.03
L-M-50w20v	565*510*4mm	3*12	23.3	19.8	2.73	2.53
L-M-65w20v	510*730*4mm	3*12	23.3	19.8	3.55	3.29
L-M-100w20v	510*1050*4mm	3*12	23.3	19.8	5.46	5.06
L-M-135w20v	680*1060*4mm	4*18	23.3	19.8	7.36	6.82
L-M-200w20v	680*1530*4mm	4*9	23.3	19.8	10.91	10.1

General Parameters

Solar cells	Monocrystalline
Cell efficiency	20.60%
JB, cable and MC4	JB+0.9m cable+MC4
Maximum system voltage	200V DC
Junction box	IP65 or IP67 rated

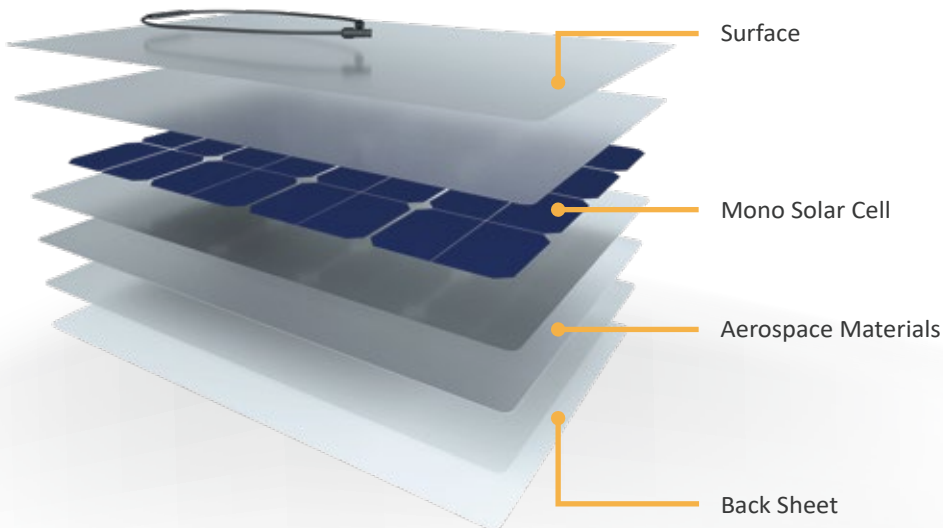
Temperature Rating

Power temperature coefficient	-0.43%/C
Voltage temperature coefficient	-0.34%/C
Current temperature coefficient	+0.05%/C
Output power tolerance	±3%
Operating temperature	-20 C ~75 C



CUSTOMIZABLE
30W~200W

Hail impact test



SURFACE :



Z(Glossy)



X(Matt)

BACK SHEET :



WHITE



BLACK

JUNCTION BOX



A (Model)



B (Model)

SP-SERIES

SUNPOWER SEMI-FLEXIBLE
SOLAR PANEL



SunPower Semi-flexible Solar Panel

LIGHT &

HIGH EFFICIENCY

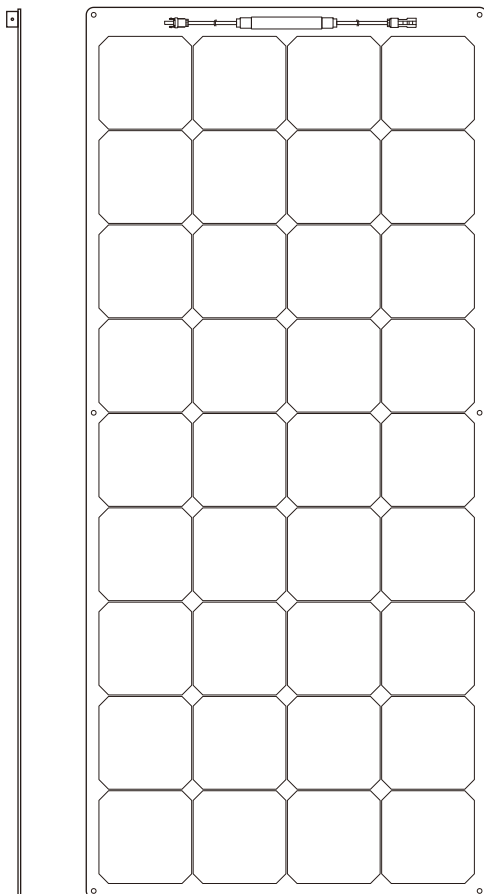
SUNPOWER SOLAR CELL

Semi-flexible solar panel adopts imported SunPower solar cells to ensure the efficiency up to 22.60%.



- 01 More resistant to heat
- 02 Weak light tolerance to work well under the weak light
- 03 Low cracked cells impaction
- 04 High efficiency
- 05 Great flexibility to be applied on irregular surface

SPECIFICATION



Model	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SGM-FL-18W	285*410*3mm	2*16	20.8	17.6	1.08	1.02
SGM-FL-20W	285*455*3mm	2*18	23.4	19.8	1.08	1.02
SGM-FL-40W	425*560*3mm	4*9	23.4	19.8	2.14	2.02
SGM-FL-55W	540*580*3mm	4*8	20.8	17.6	3.31	3.13
SGM-FL-60W	540*625*3mm	4*9	23.4	19.8	3.32	3.13
SGM-FL-80W	540*840*3mm	4*18	23.4	19.8	4.28	4.04
SGM-FL-110W	540*1070*3mm	4*8	21.9	18.6	6.32	5.97
SGM-FL-120W	540*1200*3mm	4*9	24.6	20.9	6.32	5.97
SGM-FL-135W	540*1330*3mm	4*10	27.4	23.2	6.32	5.97
SGM-FL-150W	540*1460*3mm	4*11	30.1	25.5	6.32	5.97

General Parameters(Mono)

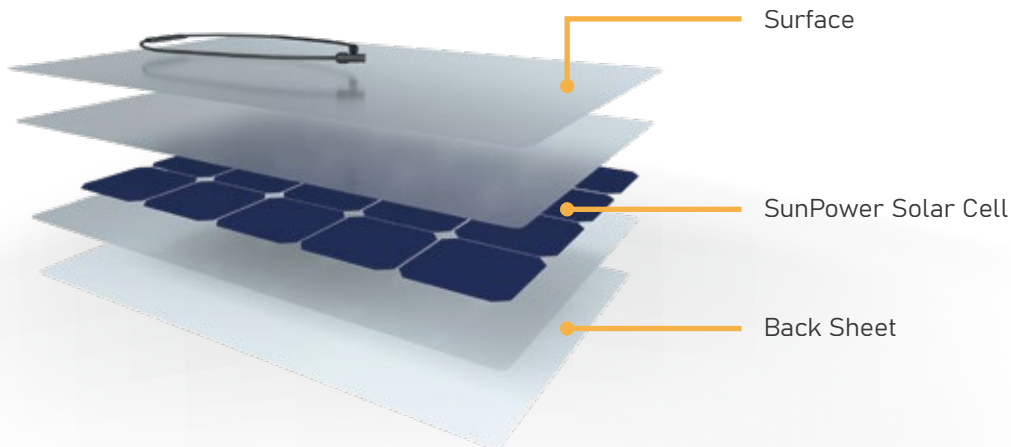
Solar cells	Sunpower
Cell efficiency	22.60%
JB, cable and MC4	JB+0.9m cable+MC4
Maximum system voltage	45V DC
Junction box	IP67 rated

Temperature Rating

Power temperature coefficient	-0.3.2%/C
Voltage temperature coefficient	-1.8mv/C
Current temperature coefficient	+0.05%/C
Output power tolerance	±3%
Operating temperature	-10℃~60℃



It can be applied to sailboat.



CUSTOMIZABLE

18W~150W

SURFACE :



Z(Glossy)



X(Matt)



TPT

BACK SHEET :



WHITE



BLACK

JUNCTION BOX



A (Model)



B (Model)

FP-SERIES

SEMI-FLEXIBLE SOLAR PANEL



semi-flexible solar panel

CLASSIC BLACK

FIBERGLASS BACK SHEET

All FP series products use fiberglass back sheet and ETFE to reduce the waste of solar relection.



Imported
excellent material



Ageing
resistance

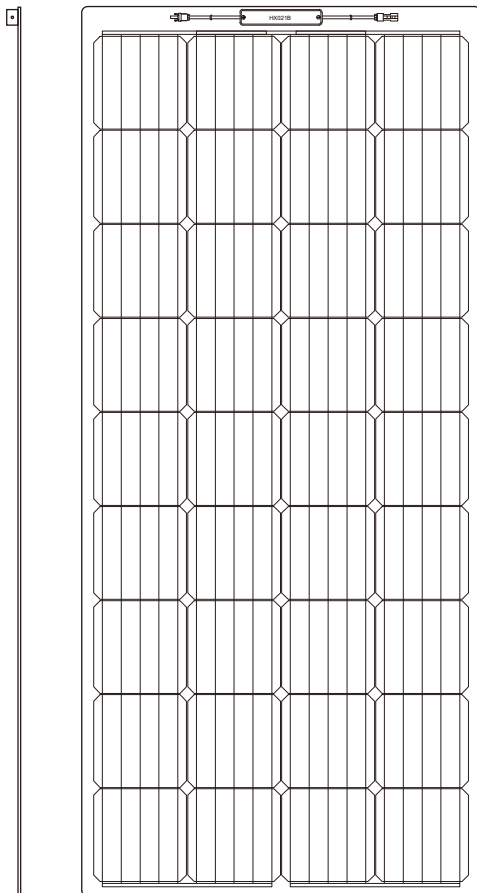


Lightweight



Corrosion
resistance

SPECIFICATION



Model	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
FP-30w 20v	570*350*3mm	2*18	23.3	19.8	1.64	1.52
FP-40w 20v	660*350*3mm	2*18	23.3	19.8	2.19	2.03
FP-50w 20v	555*510*3mm	3*12	23.3	19.8	2.73	2.53
FP-65w 20v	720*510*3mm	3*12	23.3	19.8	3.55	3.29
FP-80w 20v	840*510*3mm	3*12	23.3	19.8	4.37	4.05
FP-100w 20v	1035*510*3mm	3*12	23.3	19.8	5.46	5.06
FP-135w 20v	1050*680*3mm	4*18	23.3	19.8	7.36	6.82
FP-200w 20v	1520*680*3mm	4*9	23.3	19.8	10.91	10.1

General Parameters

Solar cells	Monocrystalline
Cell efficiency	22.42%
JB,Cable and Mc4	JB+0.9m cable+MC4
Maximum system voltage	200V DC
Junction box	IP65 or IP67 rated

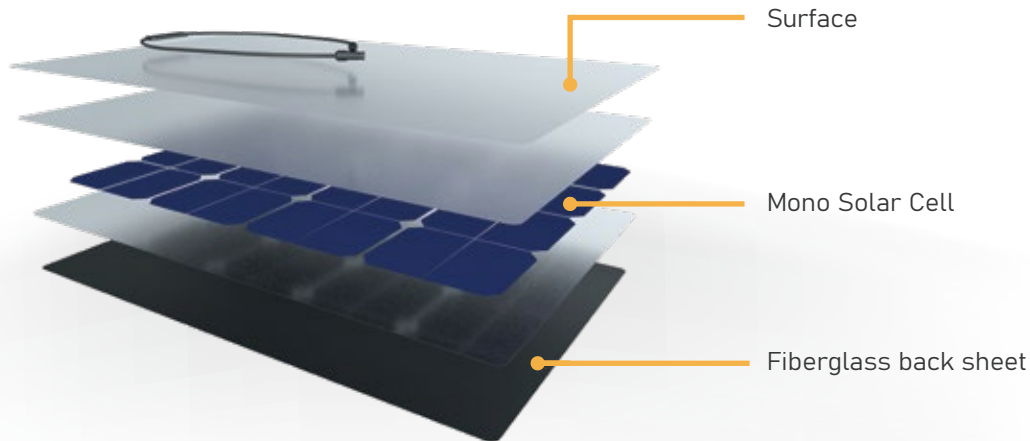
Temperature Rating

Power temperature coefficient	-0.43%/C
Voltage temperature coefficient	-0.34%/C
Current temperature coefficient	+0.05%/C
Output power tolerance	±3%
Operating Temperature	-20 C ~75 C



CUSTOMIZABLE

30W~200W



SURFACE :



Z(Glossy)

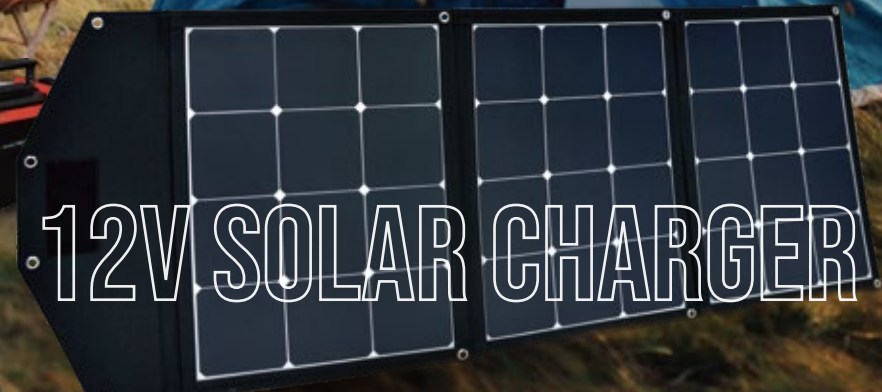


X(Matt)

SPC-SERIES

PORTABLE SOLAR PANEL

Engineered with convenience and practicability in mind, SPC, portable solar charger blanket, features portability and high power for easily using outdoor.



Portable Solar Panel (SPC-Series)



Several folded to be extremely portable

USB ports provided



Eco-friendly



Transmittance, waterproof and scrub surface

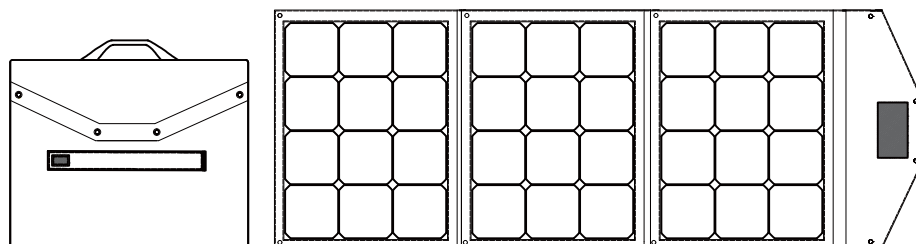


Great crash resistance



SPECIFICATION

Model	Cells	Folding size	Module size	Cell Efficiency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	Controller, cable and connector
SPC-M-3*33.3W	PERC Mono	520*435*20mm	1515*520*4mm	20.30%	22.9	19.1	5.66	5.24	4.45	With LS1012EU controller, 5m 14AWG cable with battery clips(a fuse included)
SPC-M-3*30W	PERC Mono	520*415*20mm	1455*520*4mm	20.30%	21.3	17.8	5.46	5.06	4.10	
SPC-M-4*15W	PERC Mono	355*290*25mm	1365*355*4mm	21.10%	23.3	19.8	3.04	3.27	2.57	
SPC-M-8*15W	PERC Mono	360*295*40mm	1415*720*4mm	21.10%	23.3	19.8	6.54	6.07	4.48	
SPC-S-2*40W	Sunpower	560*440*15mm	1075*560*4mm	22.60%	24.64	20.88	4.22	3.98	1.60	
SPC-S-3*40W	Sunpower	560*440*20mm	1525*560*4mm	22.60%	24.64	20.88	6.32	5.97	2.70	
SPC-S-4*40W	Sunpower	575*445*40mm	1795*575*4mm	22.60%	24.64	20.88	8.12	7.66	-	



General Parameters

Solar cells	Mono/Sunpower
Operating temperature	-10°C~60°C
Warranty	1 years
Maximum system voltagea	100V DC

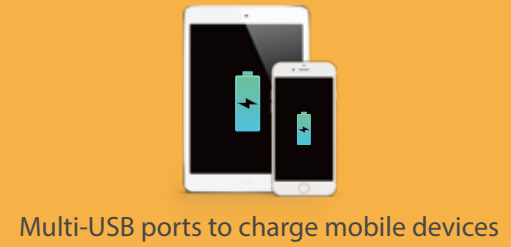


WINNER BAG

PORTABLE SOLAR PANEL CHARGER



With the support of the innovative portable solar charger, Winner Bag, people can freely camp, hike, and travel. Not only conventional cable/clips equipped, Winner Bag also comes with two fast USB ports, which can easily meet the basic needs of charging mobile devices.



Multi-USB ports to charge mobile devices



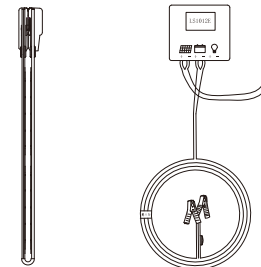
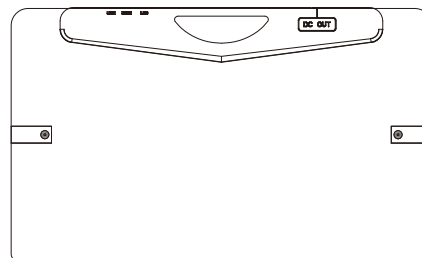
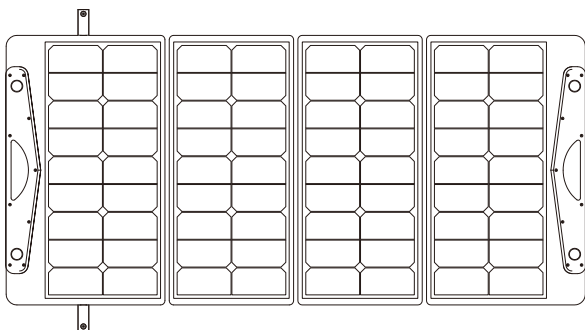
New magnet handles for easy carry



Both of 12V and 5V charging support

SPECIFICATION

Model	Solar Cells	Module size (Fold)	Module size (Unfold)	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	Controller, cable and connector
SGWB-M-2x30w	PERC Mono	530*440*45mm	530*873*25mm	23.4	19.8	3.21	3.03	2.50	With LS1012E controller,4m 14AWG cable with battery clips(a fuse included)
SGWB-M-2x45w	PERC Mono	525*600*45mm	525*1190*25mm	23.4	19.8	4.82	4.55	3.50	
SGWB-M-2x50w	PERC Mono	675*520*45mm	675*1040*25mm	26.0	22.0	4.82	4.55	3.80	
SGWB-M-2x55w	PERC Mono	675*520*45mm	675*1040*25mm	26.0	22.0	5.40	5.00	4.00	
SGWB-M-4x30w	PERC Mono	690*530*45mm	690*1056*25mm	23.4	19.8	6.42	6.06	4.80	With LS2024E controller,4m 12AWG cable with battery clips(a fuse included)
SGWB-M-4x45w	PERC Mono	525*600*45mm	525*2225*25mm	23.4	19.8	9.65	9.10	6.00	
SGWB-M-4x50w	PERC Mono	535*605*45mm	535*2250*25mm	23.4	19.8	10.9	10.1	6.20	
SGWB-S-2x30w	SunPower	625*375*45mm	625*750*25mm	24.6	20.9	3.04	2.87	2.80	With LS1012E controller,4m 14AWG cable with battery clips(a fuse included)
SGWB-S-4x30w	SunPower	625*375*45mm	625*1347*25mm	24.6	20.9	6.08	5.74	4.80	





Compatible with 12V storage battery

Winner Bag is equipped with both 12V and DC output ports, which can charge mobile devices with USB directly.

LVP SERIES LIGHTWEIGHT PORTABLE SOLAR PANEL

LVP, portable suitcase style solar panel, equipped with magnet handle instead of traditional lock and light stands, which makes LVP only half of the weight of the averaging suitcase style panel, can be easily used in 3 steps: open it, lift up the stands ,plug cable to battery.

FOLDING SOLAR PANEL COMPARISON



Curved aluminum alloy frame



Portable aluminum bracket



Separable Controller



Intelligent magnetic handle



Lightweight craftsmanship



Traditional craftsmanship



Aluminum right angle frame



Bulky bracket



Fixed Controller



Spring handle

SPECIFICATION

Model	Cells	Module size	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	Controller,Cable, connector
LVP 80W A	Mono	510x515x50mm	1022x515x25mm	3*12	23.4	19.8	4.28	4.04	4.5	With LS1012E controller,3m 14AWG cable with battery clips(a fuse included)
LVP 90W A	Mono	560x515x50mm	1022x560x25mm	3*12	23.4	19.8	4.82	4.55	5.0	
LVP 100W A	Mono	615x515x50mm	1022x615x25mm	3*12	23.4	19.8	5.35	5.05	5.5	
LVP 120W A	Mono	715x515x50mm	1022x715x25mm	3*12	23.4	19.8	6.42	6.06	6.3	
LVP 200W A	Mono	800x685x50mm	1370x800x25mm	4*9	23.4	19.8	10.71	10.10	9.5	



Temperature Rating

Power temperature coefficient	-0.43%/ C
Voltage temperature coefficient	-0.34%/ C
Current temperature coefficient	0.05%/ C
Output power tolerance	±3%
Operating Temperature	-10 C ~60 C

General Parameters

Cell efficiency	20.60%
Life	10 years
Warranty	1 years
Maximum system voltagea	100V DC
Junction box	IP65 or IP67 rated

Compatible with gel, sealed, lithium, and flooded batteries



Continuous power supply for TVs, refrigerators, lights and air conditioners.

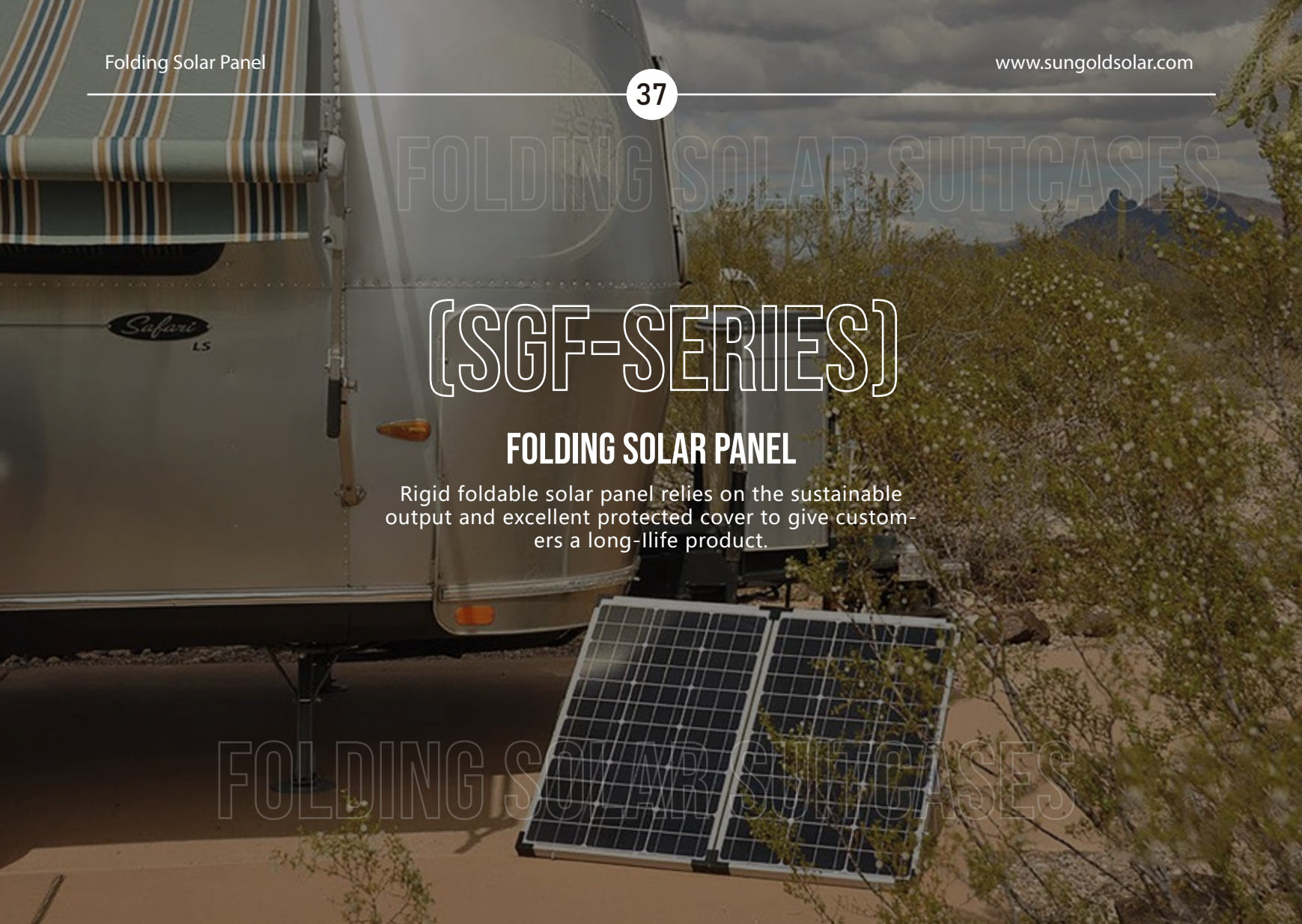
FOLDING SOLAR SUITCASES

(SGF-SERIES)

FOLDING SOLAR PANEL

Rigid foldable solar panel relies on the sustainable output and excellent protected cover to give customers a long-life product.

FOLDING SOLAR SUITCASES



01



External packing protects the panel as well as being carried easily.

Due to excellent solid design, solar panel is protected.

02



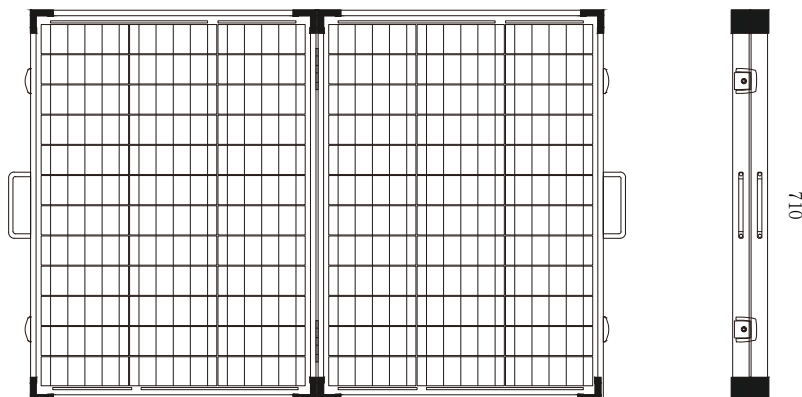
It meets the basic needs of electricity, perfect for camp, RV, and yacht.

03



SPECIFICATION

Model	Cells	Folding size	Module size	Cell Efficiency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	Controller,Cable, connector
SGF2-60W/20V	Mono	560*360*30mm	560*723*30mm	22.40%	23.3	19.8	3.57	3.03	PV-HX025A/PV-XC806
SGF2-80W/20V	Mono	660*360*30mm	660*723*30mm	22.40%	23.3	19.8	4.76	4.04	
SGF2-100W/20V	Mono	550*520*30mm	550*1043*30mm	22.40%	23.3	19.8	5.94	5.05	
SGF2-130W/20V	Mono	710*520*30mm	710*1043*30mm	22.40%	23.3	19.8	7.73	6.57	
SGF2-200W/20V	Mono	780*680*30mm	780*1363*35mm	22.40%	23.3	19.8	11.89	10.10	PV-XC802
SGF3-60W/20V	Mono	470*345*90mm	470*1043*30mm	17.26%	21.1	17.6	3.70	3.43	PV-HX025A/PV-XC806
SGF3-90W/20V	Mono	645*345*90mm	645*1043*30mm	17.26%	21.1	17.6	5.55	5.14	
SGF3-150/20V	Mono	690*505*90mm	505*1023*30mm	17.26%	21.1	17.6	9.26	8.57	



General Parameters

Solar Cells	Mono
Operating Temperature	-10°C~60°C
Warranty	10 years
Maximum system voltagea	100V DC
Junction box	IP65 or IP67 rated

Foldable solar panel for electric car



INPUT



OUTPUT

NEW BNF Series

PORTABLE SOLAR CHARGER

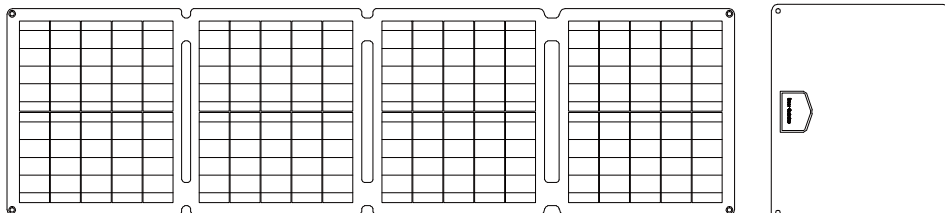




- 01 Waterproof grade IP67, easy to clean, durable, efficient and long service life
- 02 Sufficient battery, longer power supply; there is electricity when there is light, solar portable direct charging, continuous charging
- 03 Regulated output; dual USB-5V regulated output, charging safety is guaranteed
- 04 Fast charging efficiency; in the case of sufficient sunlight, the charging current can reach 3A, and the charging efficiency is efficient
- 05 Use scenarios: mountaineering, hiking, camping, cycling, traveling, fishing, etc

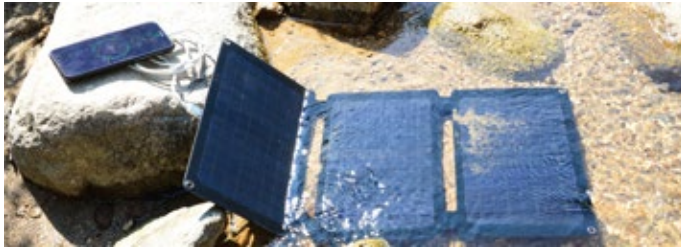
SPECIFICATIONS

Model	Cells	Module size	Module size	Cell Efficiency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	USB
SGM-BXF1-7W	Mono	188*292*14mm	188*292*14mm	20.03%	7.70	6.60	1.20	1.00	0.36	Single USB, 5V regulated output
SGM-BXF2-2*7W	Mono	292*195*15mm	392*292*3mm	20.03%	7.70	6.60	2.30	2.12	0.47	Single USB, 5V regulated output
SGM-BXF3-3*7W	Mono	292*195*37mm	596*292*3mm	20.03%	7.70	6.60	3.43	3.18	0.72	Dual USB, 5V regulated output
SGM-BXF4-4*15W	Mono	367*320*35mm	1281*367*4mm	21.44%	25.6	21.6	2.90	2.80	2.30	USB QC3.0,Type-C,DC5521
SGM-BXF4-4*25W	Mono	427*427*27mm	1565*427*18mm	21.44%	23.0	19.8	5.40	5.10		MC4



General parameters

Solar Cells	Mono
Life	5 years
Warranty	1 years
Output1 USB	24W/4V-18V QC 3.0
Output1 Type-C	5V-19V
Junction box	IP67 rated



Collapsible



Efficient conversion



Environmental



Portable



Two USB



Waterproof



LED

DC

Type-C

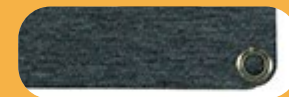
USB



BORDER COLOR:



BLACK

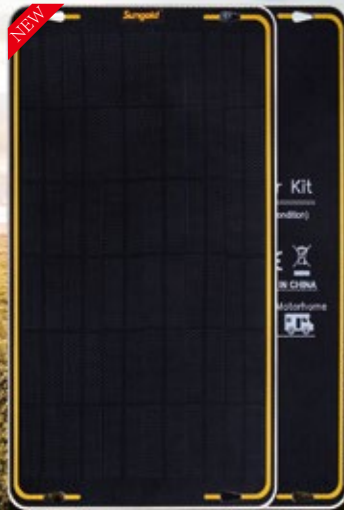


GRAY

45

SCC-SERIES

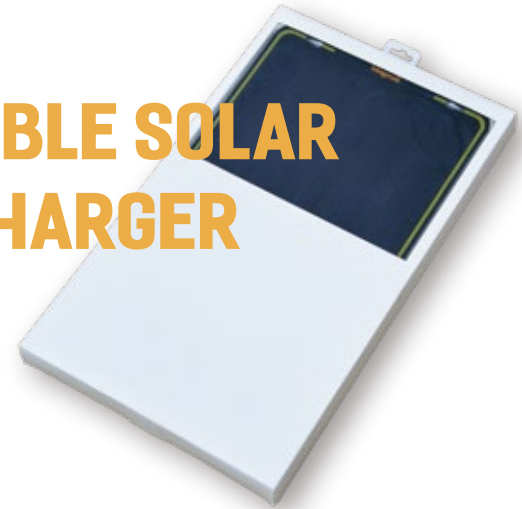
PORTABLE SOLAR CAR CHARGER



The solar panel is equipped with suction cups for easy fixing. Connect to the battery and keep the battery topped up when the vehicle is not running. It is used for charging 12v rechargeable batteries in emergency and ideal for maintaining the batteries of motorcycles, ATVs, snowmobiles, cars.



PORTABLE SOLAR CAR CHARGER



Portable 12W DC Portable Solar Panel 12V 18V Cell Battery Car Charger Cigarette lighter Charging Solar Charge



Environmental
protection



Energy saving



Waterproof



Portable

New Arrival

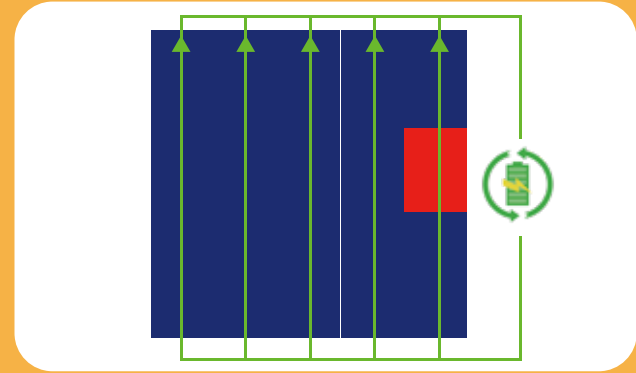
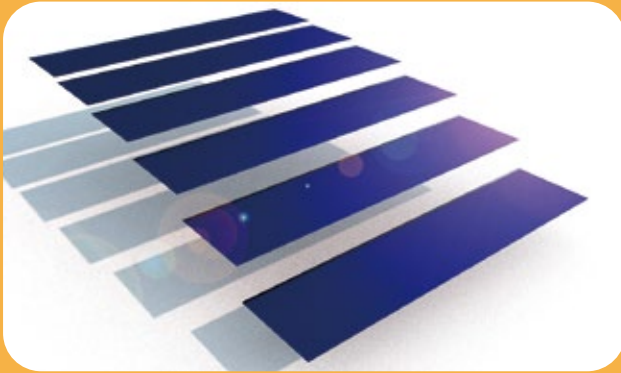
The charger adopts the mono-crystalline silicon solar cell with 20% conversion, converting luminous energy into electricity and store it in the battery. Place it on the windshield and then connect to the 12-volt lighter socket and position the panel to pick up the most daylight possible, or directly connect the included alligator clips to the battery.





— PERC SHINGLED-CELL SOLAR PANEL —

SGD-SERIES

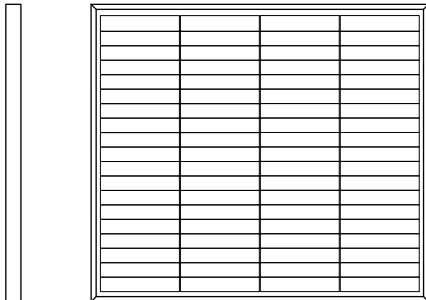


Overlapped-cell

- 01 More Efficient: SGD greatly reduces the electrical loss, which is leading tech on the market.
- 02 Durable: better resistant to extreme weather.
- 03 The abnormal part produces resistance, but the resistance of series circuit is small. It does not affect the use, and it is safer.
- 04 Stability: excellent stability & thermo-electric effect reduced.
- 05 Neat appearance: different order of the solar cells makes it looking sharp.

SPECIFICATION

Model	Cells	Module size	Cell layout	Cell Efficiency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	JB, cable and MC4
SGD-M-10w	Mono	296x240x18mm	4x9	21.24%	22.1	18.7	0.57	0.53	0.78	JB only
SGD-M-30w	Mono	525x348x25mm	4x17	21.24%	20.8	17.6	1.81	1.70	2.01	JB only
SGD-M-50w	Mono	585x510x25mm	6x19	21.24%	23.2	19.7	2.69	2.54	3.28	JB+0.9m2.5mm ² cable+MC4
SGD-M-70w	Mono	590x670x30mm	4x19	21.24%	23.2	19.7	3.77	3.55	4.35	JB+0.9m2.5mm ² cable+MC4
SGD-M-100w	Mono	988x560x30mm	6x18	21.24%	22.1	18.7	5.67	5.35	6.09	JB+0.9m4mm ² cable+MC4
SGD-M-155w	Mono	1310x650x35mm	8x21	21.24%	25.7	21.8	7.54	7.11	9.37	JB+0.9m4mm ² cable+MC4
SGD-P-20w	Poly	375x340x25mm	2x18	18.30%	21.2	18.0	1.18	1.11	1.40	JB only
SGD-P-100w	Poly	988x665x30mm	6x17	18.30%	20.1	17.0	6.24	5.88	7.23	JB+0.9m4mm ² cable+MC4
SGD-P-150w	Poly	1310x740x35mm	8x19	18.30%	22.4	19.0	8.37	7.89	10.6	JB+0.9m4mm ² cable+MC4

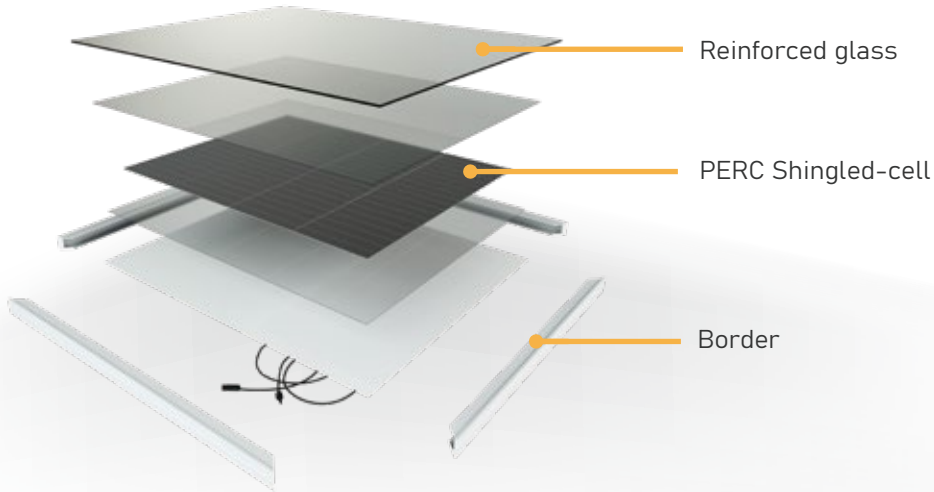


General Parameters

Solar Cells	Mono & Poly
Life	25 years
Warranty	10 years
Maximum system voltage ^a	1000V DC
Junction box	IP65 or IP67 rated

Temperature Rating

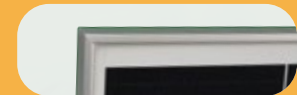
Power temperature coefficient	-0.43%/C
Voltage temperature coefficient	-0.34%/C
Current temperature coefficient	0.05%/C
Output power tolerance	±3%
Operating Temperature	-40 C ~85 C



CUSTOMIZABLE

10W~150W

BORDER COLOR :



WHITE



BLACK

SGM/P SERIES

MONO/POLY SOLAR PANEL

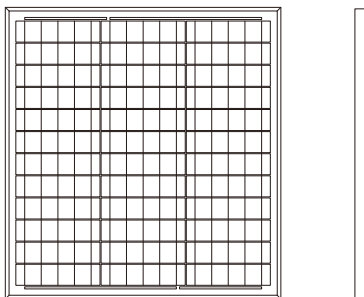




- 01 The efficient panel creates more power.
- 02 Panel kit is enclosed by tempered glass and high quality materials, which make sure it has a long service time, and good protection can also ensure stable output.
- 03 It can be installed and used easily.
- 04 Due to premium protection, panel kit is resistant to high wind-pressure and high intensity snow.
- 05 With drain hole on the back of the stands, panel kit can better prevent being damaged.
- 06 10-year warranty.

SPECIFICATION

Model	Cells	Module size	Cell layout	Cell Efficiency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	JB, cable and MC4
SGM-30w	Mono	360*560*25mm	2x18	22.42%	23.3	19.8	1.61	1.52	PV-JB007
SGM-50w	Mono	520*550*25mm	3x12	22.42%	23.3	19.8	2.73	2.53	PV-SY-006
SGM-100w	Mono	680*780*30mm	4x9	22.42%	23.3	19.8	5.45	5.05	PV-HX016
SGM-200w	Mono	680*1500*35mm	4*9	22.42%	23.3	19.8	10.91	10.10	PV-XC802
SGM-400w	Mono	1000*1980*40mm	6x12	22.42%	46.6	39.6	10.91	10.10	XC908
SGP-50w	Poly	680*540*25mm	4x9	18.70%	22.0	18.7	2.83	2.67	PV-HX016
SGP-80w	Poly	680*780*30mm	4x9	18.70%	22.0	18.7	4.53	4.28	PV-HX016
SGP-160w	Poly	680*1500*35mm	4x9	18.70%	22.0	18.7	9.07	8.56	PV-JB018-3
SGP-270w	Poly	1000*1660*40mm	6x10	18.70%	36.7	31.2	9.17	8.65	PV-XC908
SGP-320w	Poly	1000*1980*40mm	6x12	18.70%	43.8	37.2	9.12	8.60	PV-XC908

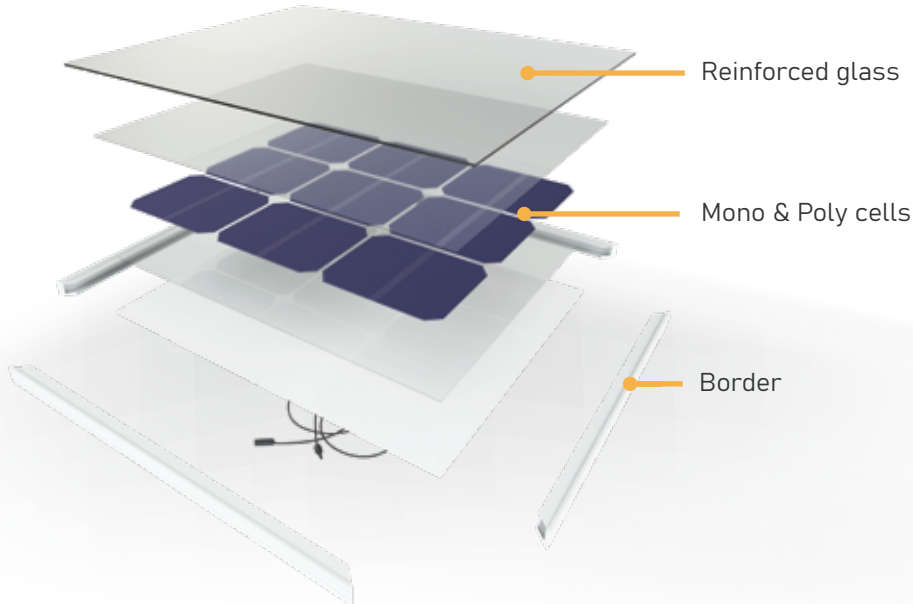


General Parameters

Solar Cells	Mono & Poly
Life	25 years
Warranty	10 years
Maximum system voltage	1000V DC
Junction box	IP65 or IP67 rated

Temperature Rating

Power temperature coefficient	-0.43%/C
Voltage temperature coefficient	-0.34%/C
Current temperature coefficient	+0.05%/C
Output power tolerance	±3%
Operating Temperature	-40 C ~85 C

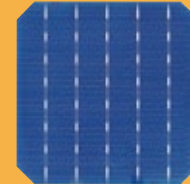


CUSTOMIZABLE

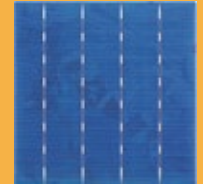
Mono:5W~400W

Poly:10W~320W

BORDER COLOR:



Monocrystal

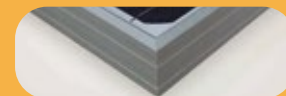


Polycrystal

BORDER COLOR:



BLACK



WHITE

SGSP-SERIES

SunPower Solar Cells

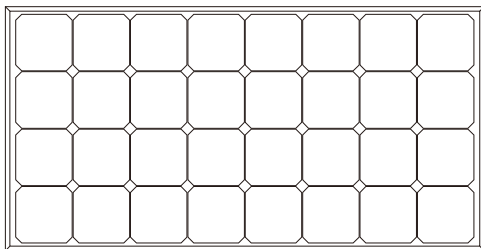




- 01 Off-grid lines look cleaner. New black frame compliments high-efficiency solar cells.
- 02 Advanced encapsulation material with multi-layered sheet laminations enhance cell performance and provide a long service life.
- 03 EL tested solar modules; no hot-spot heating guaranteed. TPT back sheet ensures smooth performance over a long period of time.
- 04 Meet different needs of applications. Ground mount compatible. Compatible with on-grid and off-grid inverters. Pre-drilled holes on the back of the panel allow for fast mounting and securing.
- 05 Each panel is manufactured with the absolute confidence to deliver more energy, reliability and savings over time—and reinforced by extensive third-party testing back of the panel allow for fast mounting and securing.

SPECIFICATIONS

Model	Cells	Module size	Cell layout	Cell Efficiency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	JB,Cable,Mc4
SGSP-40W	Sunpower	560*440*25mm	4x9	22.60%	24.64	20.88	2.11	1.99	2.76	JB+0.9m2.5mm ² cable+MC4
SGSP-55W	Sunpower	560*540*25mm	4x8	22.60%	21.90	18.56	3.16	2.98	3.41	JB+0.9m2.5mm ² cable+MC4
SGSP-60W	Sunpower	625*540*25mm	4x9	22.60%	24.64	20.88	3.16	2.98	3.76	JB+0.9m2.5mm ² cable+MC4
SGSP-80W	Sunpower	835*540*30mm	4x18	22.60%	24.64	20.88	4.22	3.98	5.09	JB+0.9m2.5mm ² cable+MC4
SGSP-110W	Sunpower	1060*540*35mm	4x8	22.60%	21.90	18.56	6.32	5.97	6.51	JB+0.9m4mm ² cable+MC4
SGSP-120W	Sunpower	1190*540*35mm	4x9	22.60%	24.64	20.88	6.32	5.97	7.24	JB+0.9m4mm ² cable+MC4
SGSP-135W	Sunpower	1315*540*35mm	4x10	22.60%	27.38	23.20	6.32	5.97	7.95	JB+0.9m4mm ² cable+MC4
SGSP-150W	Sunpower	1445*540*35mm	4x11	22.60%	30.11	25.52	6.32	5.97	8.68	JB+0.9m4mm ² cable+MC4



General parameters

Solar Cells	SunPower
Life	25 years
Warranty	10 years
Maximum system voltage	1000V DC
Junction box	IP65 or IP67 rated

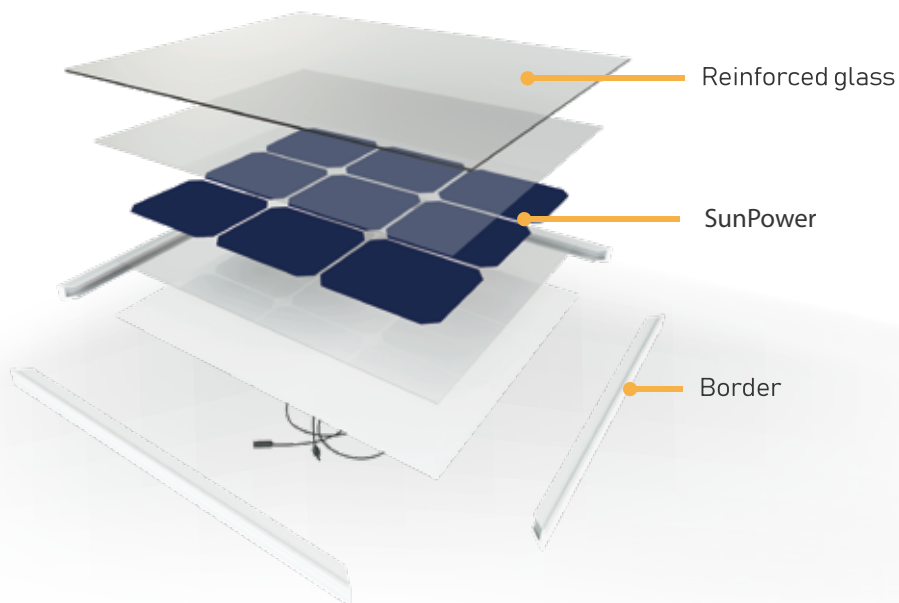
Temperature Rating

Power temperature coefficient	-0.32%/C
Voltage temperature coefficient	-1.8mv/C
Output power tolerance	±3%
Operating Temperature	-40 C~85 C



CUSTOMIZABLE

SunPower :35W~150W



BORDER COLOR:



BLACK



WHITE



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BEST OFF-GRID