SHENZHEN

SUNGOLD SOLAR CO.,LTD

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

Grateful · Developing · Growth

ABOUT US

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Sungold solar Co., Ltd from Shenzhen 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 RV, 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, we started as a small company into a national hi-tech enterprise. We are devoted to provide customers ideal products with the best quality.

CATALOGUE

01 About us

Semi-flexible solar panel

05 LE-Series
09 Lucis-Series
13 FP-Series
17 SP-Series

Portable Solar Panel

21 LVP-Series
25 Winner bag-Series
29 SPC-Series
33 SGF-Series

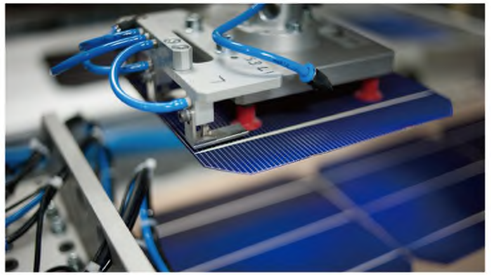
Rigid Solar Panels

37 SGD-Series
41 SGM&P-Series

SUNGOLD MISSION

Offering excellent service, producing high quality product, and providing most cost-efficient solution are our commitment to customers. Based on the concept of "One Earth, One Home", we are devoted to produce more of our green products to leave a blue sky.

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



As Sungold has expertly produced and invented the products, Sungold has developed the products ranging from 3w-360w mono/polycrystal rigid solar panel kit, semi-flexible solar panel, and portable solar panel. With the innovative technology and excellent production, our products exported to Europe, North America, Oceania, Southeast Asia, etc, while 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 certificate of ISO, RoHS, CE, etc, and automated production line, we can professionally provide high quality products.

Professional techniques and service

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

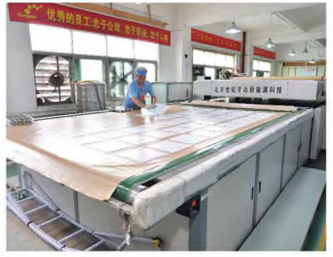
company overview.

ABOUT US

Workshop

Office 1

Office 2



Laminating equipment

Quality control

RoHS

CE

CE

Trademark

Patent

Patent

ISO4001

ISO9001

LE-SERIES

LE' s ultra lightweight is particularity that makes people love this product, which is 50% lighter than traditional solar panels.

LIGHTWEIGHT SOLAR PANEL (LE-SERIES)

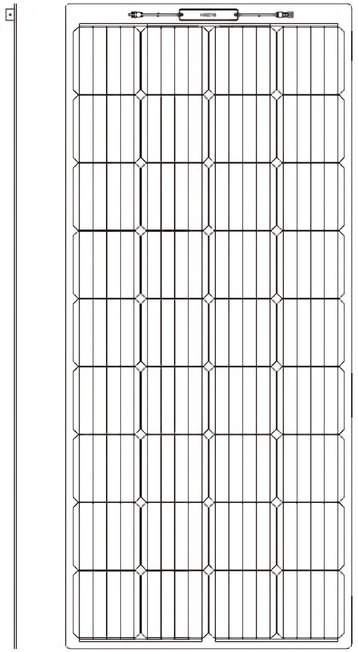
Better deformation resistance

Easy installation

Compatibility of fragile solar cells and flexibility

ETFE surface available

SPECIFICATIONS

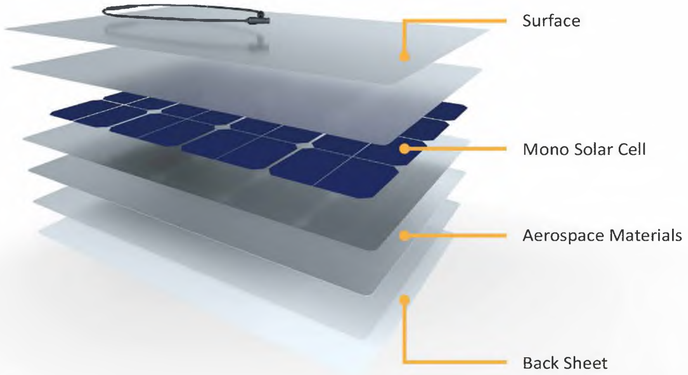


Model	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)
LE-30w20v	560*350*4mm	2*18	23.4	19.8	1.61	1.52	1.3
LE-50w20v	610*505*4mm	3*12	23.4	19.8	2.68	2.53	1.9
LE-60w20v	720*505*4mm	3*12	23.4	19.8	3.21	3.03	2.3
LE-80w20v	720*665*4mm	4*9	23.4	19.8	4.28	4.04	2.9
LE-90w20v	1040*505*4mm	3*12	23.4	19.8	4.82	4.55	3.2
LE-90w20v	795*665*4mm	4*9	23.4	19.8	4.82	4.55	3.1
LE-100w20v	865*665*4mm	4*9	23.4	19.8	5.35	5.05	3.3
LE-100w20v	1125*505*4mm	3*12	23.4	19.8	5.35	5.05	3.4
LE-120w20v	1050*665*4mm	4*18	23.4	19.8	6.42	6.06	4.3
LE-180w20v	1500*665*4mm	4*9	23.4	19.8	9.64	9.09	6.2

General parameters	
Solar Cells	Monocrystalline
Cell Effciency	20.60%
JB,Cable,Mc4	JB+0.9m cable+MC4
Maximum system voltagea	200V DC
Junction box	IP65 or IP67 rated

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

Hail impact test



CUSTOMIZABLE

20W~180W

SURFACE :

Z(Glossy)

X(Matt)

BACK SHEET :

WHITE

BlACK

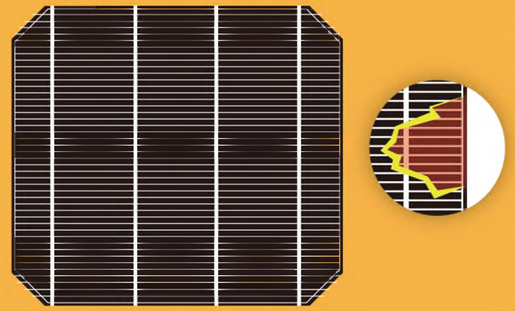
LUCIS-SERIES

MULTI-WIRE TECH FLEXIBLE SOLAR PANEL

MULTI-WIRE TECH SOLAR CELL

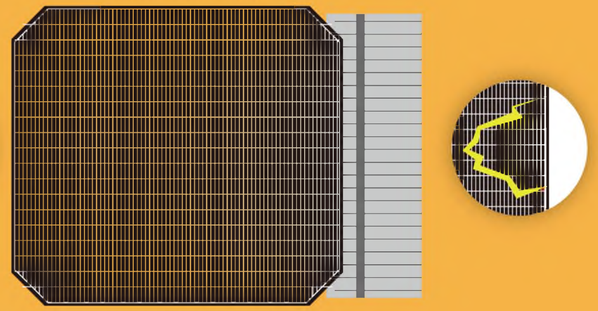
With Multi-wire technology, product from Sungold Day 4 semi-flexible solar panel series can reduce the number of cracked cells, which can efficiently improve the longevity of this series. Thanks to the great looking, it has been popular. Especially, 100W semi flexible solar panel can perfectly fit on the roof of RV.

Ordinary Cell



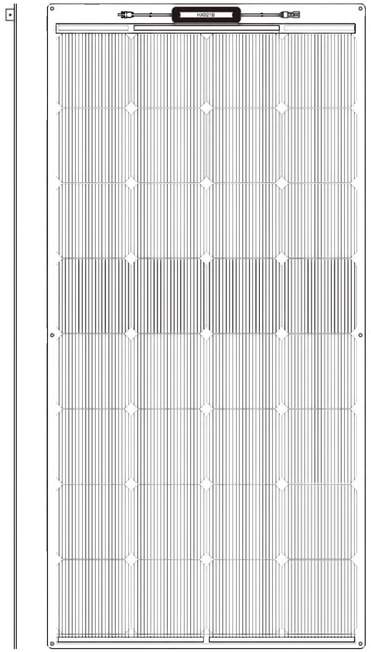
Ordinary cell failure will lead to power reduction.

Multi-Wire Tech



Multi-wire tech greatly reduce the number of cracked cells.

SPECIFICATIONS

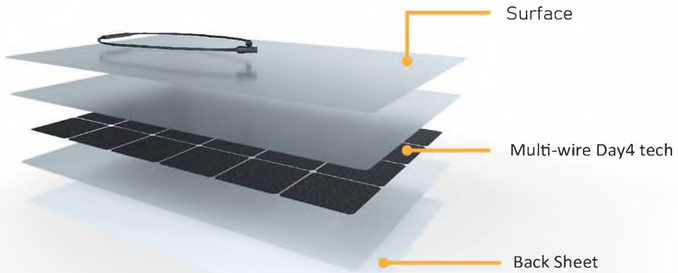


Model	Module size	Surface	Solar Cells	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)
Lucis 50w A	520*670*3mm	TPT	DAY 4 156	20.4	17.2	3.12	2.94	1.40
Lucis 80w A	720*670*3mm	TPT	DAY 4 156	20.4	17.2	4.90	4.70	1.90
Lucis 100w A	940*670*3mm	TPT	DAY 4 156	20.4	17.2	6.20	5.90	2.40
Lucis 160w A	1360*670*3mm	TPT	DAY 4 156	20.6	17.7	9.60	9.06	3.40
Lucis 50w B	520*670*3mm	ETFE	DAY 4 156	20.4	17.2	3.12	2.94	1.20
Lucis 80w B	720*670*3mm	ETFE	DAY 4 156	20.4	17.2	4.90	4.70	1.70
Lucis 100w B	940*670*3mm	ETFE	DAY 4 156	20.4	17.2	6.20	5.90	2.10
Lucis 160w B	1360*670*3mm	ETFE	DAY 4 156	20.6	17.7	9.60	9.06	3.00

General parameters	
Cell layout	4*8
Cell Effciency	20.40%
JB,Cable,Mc4	JB+0.9m cable+MC4
Maximum system voltagea	100V DC
Junction box	IP65 or IP67 rated

Temperature Rating	
Power temperature coefficient	-0.39%/℃
Voltage temperature coefficient	-0.30%/℃
Current temperature coefficient	+0.39%/℃
Output power tolerance	±3%
Operating Temperature	-10℃~60℃

It can be mounted on many irregular surfaces.



CUSTOMIZABLE

50W~160W

SURFACE :

Z(Matt)

X(Matt)

TPT

BACK SHEET :

BlACK

WHITE

FP-SERIES

SEMI-FLEXIBLE SOLAR PANEL

semi-flexible solar panel

CLASSIC BLACK

FIBERGLASS BACK SHEET

FP series products all are made of fiberglass back sheet and ETFE, which reduce the waste of reflex of sunshine.

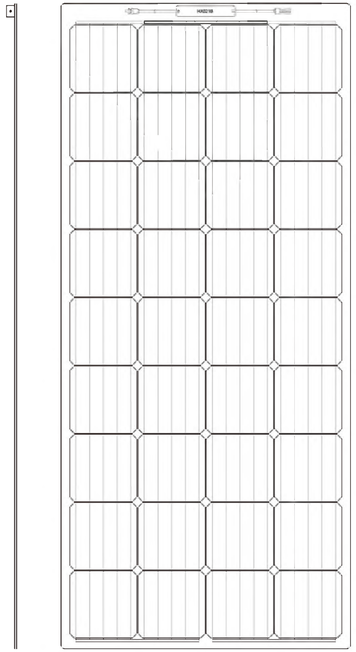
Imported excellent material

Ageing resistance

Superlight

Corrosion resistence

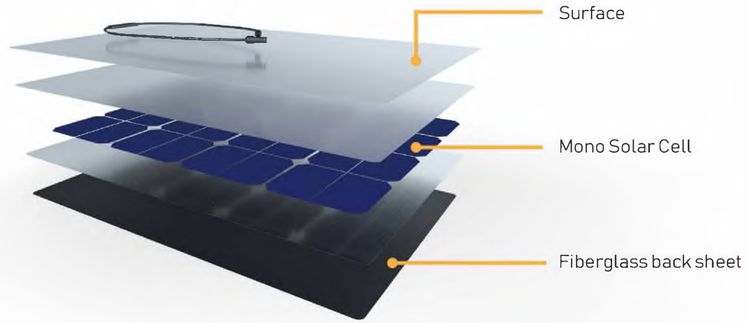
SPECIFICATIONS



Model	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
FP-30w 20v	560*355*3mm	2*18	23.4	19.8	1.61	1.52
FP-50w 20v	600*510*3mm	3*12	23.4	19.8	2.68	2.53
FP-60w 20v	705*510*3mm	3*12	23.4	19.8	3.21	3.03
FP-80w 20v	710*670*3mm	4*9	23.4	19.8	4.28	4.04
FP-90w 20v	785*670*3mm	4*9	23.4	19.8	4.82	4.55
FP-90w 20v	1020*510*3mm	3*12	23.4	19.8	4.82	4.55
FP-100w 20v	860*670*3mm	4*9	23.4	19.8	5.35	5.05
FP-120w 20v	1040*670*3mm	4*18	23.4	19.8	6.42	6.06
FP-180w 20v	1495*670*3mm	4*9	23.4	19.8	9.64	9.09

General parameters	
Solar Cells	Monocrystalline
Cell Effciency	20.60%
JB,Cable,Mc4	JB+0.9m cable+MC4
Maximum system voltagea	60V DC
Junction box	IP65 or IP67 rated

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



CUSTOMIZABLE

20W~180W

SURFACE :

X(Glossy)

X(Matt)

SP-SERIES

SUNPOWER SEMI-FLEXIBLE SOLAR PANEL

SunPower semi-flexible solar panel

LIGHT

HI-EFFICIENT

SUNPOWER SOLAR CELL

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

01 Better heat resistance to keep efficiency

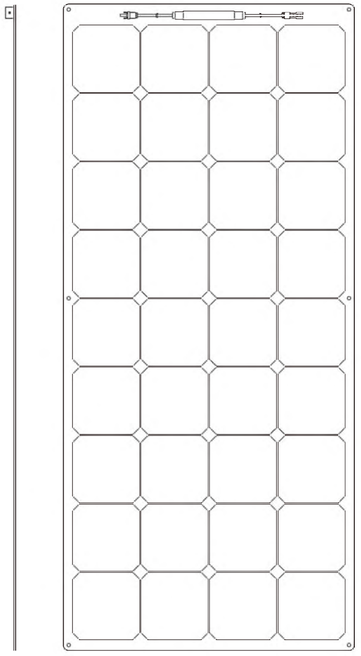
02 Weak light tolerance to work well under the weak light

03 Low cracked cells impaction

04 High construction efficiency

05 Great flexibility to be applied on irregular surface

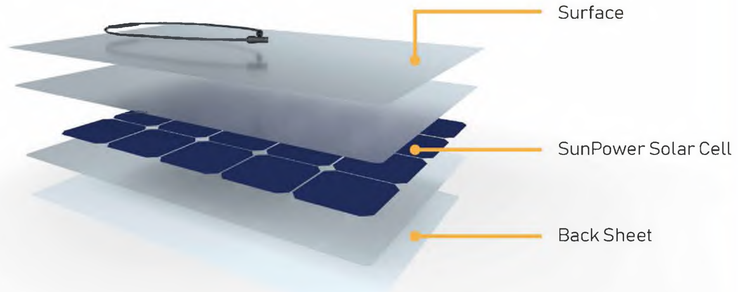
SPECIFICATIONS



Model	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)
SGM-FL-18W	410*285*3mm	2*16	20.8	17.6	1.08	1.02	0.51
SGM-FL-20W	455*285*3mm	2*18	23.4	19.8	1.08	1.02	0.54
SGM-FL-40W	560*425*3mm	4*9	23.4	19.8	2.14	2.02	0.83
SGM-FL-55W	580*540*3mm	4*8	20.8	17.6	3.31	3.13	1.23
SGM-FL-60W	625*540*3mm	4*9	23.4	19.8	3.32	3.13	1.31
SGM-FL-80W	840*540*3mm	4*18	23.4	19.8	4.28	4.04	1.70
SGM-FL-110W	1070*540*3mm	4*8	21.9	18.6	6.32	5.97	2.18
SGM-FL-120W	1200*540*3mm	4*9	24.6	20.9	6.32	5.97	2.34
SGM-FL-135W	1330*540*3mm	4*10	27.4	23.2	6.32	5.97	2.63
SGM-FL-150W	1460*540*3mm	4*11	30.1	25.5	6.32	5.97	2.86

General parameters	
Solar Cells	Sunpower
Cell Effciency	22.60%
JB,Cable,Mc4	JB+0.9m cable+MC4
Maximum system voltagea	45V DC
Junction box	IP67 rated

Temperature Rating	
Power temperature coefficient	-0.32%/℃
Voltage temperature coefficient	-1.8mv/℃
Warranty	1 year
Output power tolerance	±3%
Operating Temperature	-10℃~60℃



CUSTOMIZABLE

18W~150W

SURFACE :

Z(Glossy)

X(Matt)

TPT

BACK SHEET :

WHITE

BlACK

LVP SERIES

LIGHTWEIGHT PROTABLE SOLAR PANEL

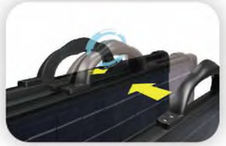
LVP, portable suitcase style solar panel, made of magnet handle instead of traditional lock and light stands, which makes LVP , only half of the weight of the averaging suitcase style panel, can be easily used in 3 steps: open it, lift up the stands ,plug cable to battery.

FOLDING SOLAR PANEL COMPARISON

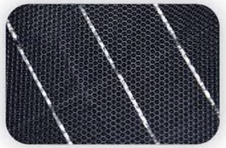
Curved aluminum alloy frame

Portbale aluminum bracket

Separable Controller



Intelligent magnetic handle



Lightweight craftsmanship

Aluminum right angle frame

Bulky bracket

Fixed Controller

Traditional craftsmanship

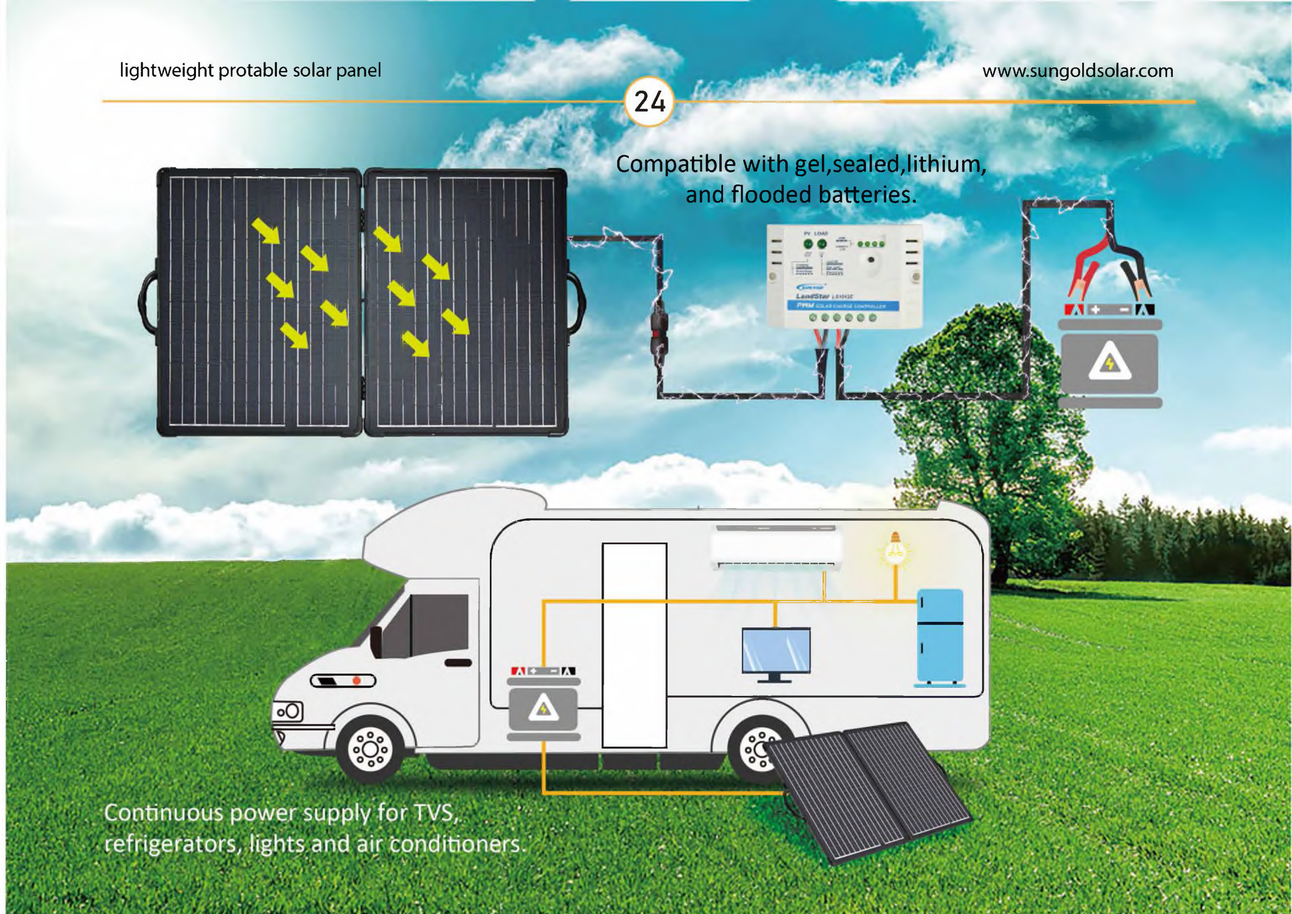
Spring handle

SPECIFICATIONS

Model	Cells	Module size	Module size	Cell layout	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	Controller,Cable, connector
LVP-2*40w	Mono	510x515x50mm	1022x515x25mm	3*12	23.4	19.8	4.28	4.04	4.50	With LS1012E controller,3m 14AWG cable with battery clips(a fuse included)
LVP-2*45w	Mono	560x515x50mm	1022x560x25mm	3*12	23.4	19.8	4.82	4.55	5.00	
LVP-2*50w	Mono	615x515x50mm	1022x615x25mm	3*12	23.4	19.8	5.35	5.05	5.50	
LVP-2*60w	Mono	715x515x50mm	1022x715x25mm	3*12	23.4	19.8	6.42	6.03	6.30	

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

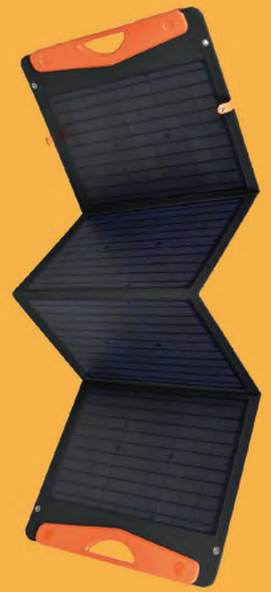
General parameters	
Cell effciency	20.60%
Life	10 years
Warranty	1 years
Maximum system voltagea	60V DC
Junction box	IP65 or IP67 rated



WINNER BAG

Portable solar panel charger

With the support of this 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.



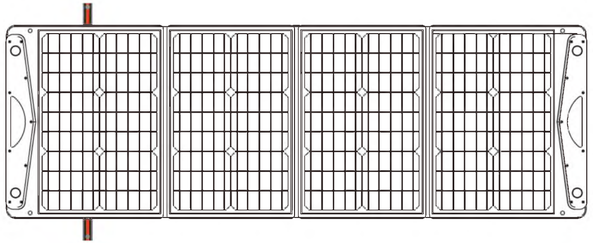
Multi-USB ports to charge mobile devices.

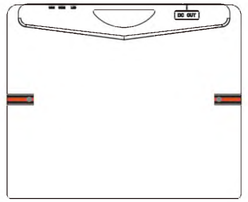
New magnet handles for easy carrying.

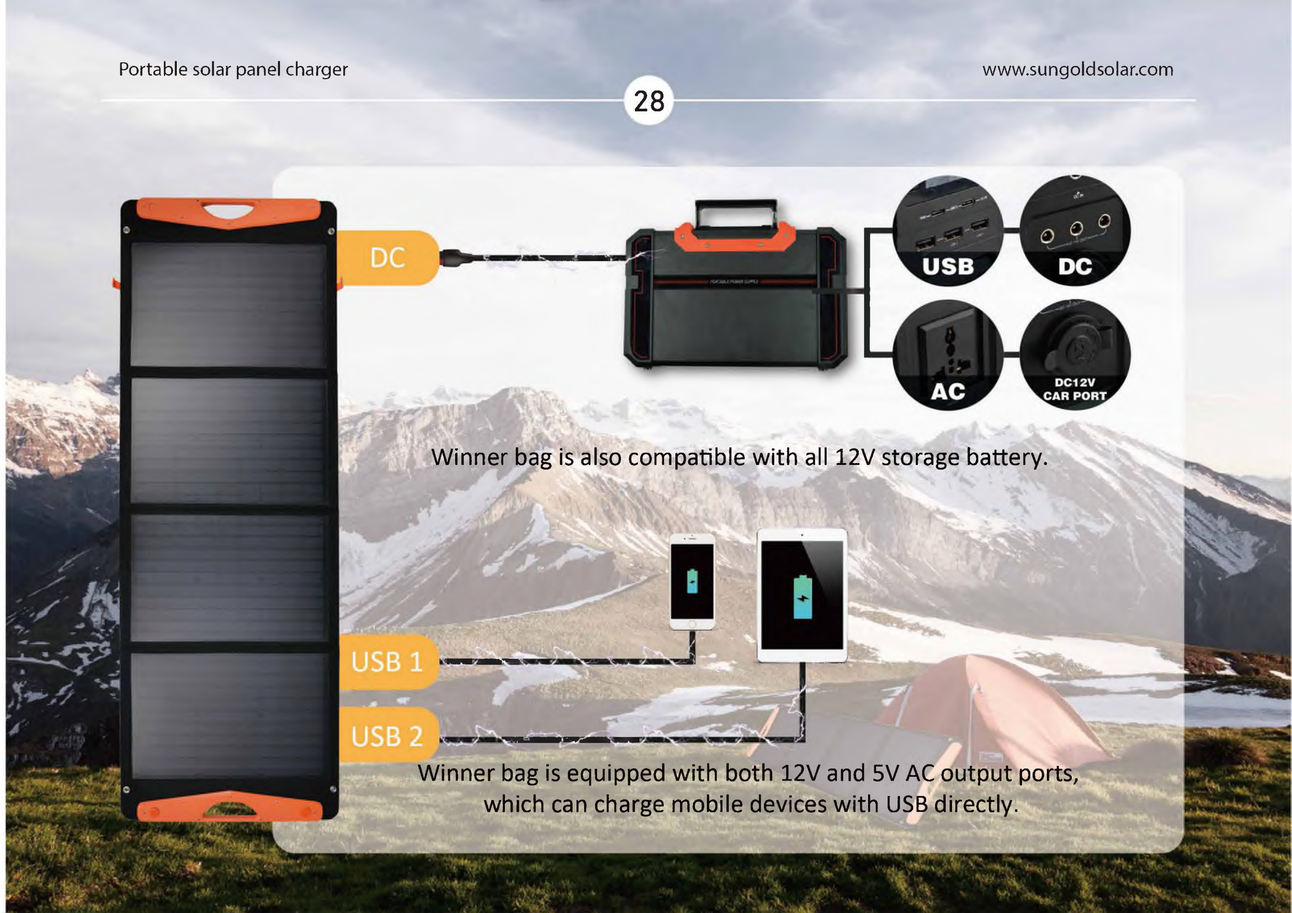
Both of 12V and 5V charging support.

SPECIFICATIONS

Model	Solar Cells	Module size (Fold)	Module size (Unfold)	Cell Effciency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	Controller,Cable, connector
SGWB-M-2x30w	PERC Mono	530*440*45mm	530*873*25mm	20.60%	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	20.60%	23.4	19.8	4.82	4.55	3.50	
SGWB-M-2x50w	PERC Mono	675*520*45mm	675*1040*25mm	20.60%	26.0	22.0	4.82	4.55	3.80	
SGWB-M-4x30w	PERC Mono	530*440*45mm	530*1593*25mm	20.60%	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	20.60%	23.4	19.8	9.65	9.10	6.00	
SGWB-S-2x30w	SunPower	625*375*45mm	625*750*25mm	22.60%	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	22.60%	24.6	20.9	6.08	5.74	4.80	
SGWB-L-2x30w	Day4 tech	550*445*45mm	550*883*25mm	20%	23.0	19.4	3.28	3.09	2.80	
SGWB-L-2x45w	Day4 tech	540*600*45mm	540*1194*25mm	20%	23.0	19.4	4.92	4.64	3.50	
SGWB-L-4x30w	Day4 tech	550*445*45mm	550*1593*25mm	20%	23.0	19.4	6.55	6.18	5.00	With LS2024E controller,4m 12AWG cable with battery clips(a fuse included)
SGWB-L-4x45w	Day4 tech	540*600*45mm	540*2221*25mm	20%	23.0	19.4	9.84	9.28	6.50	







SPC-SERIES

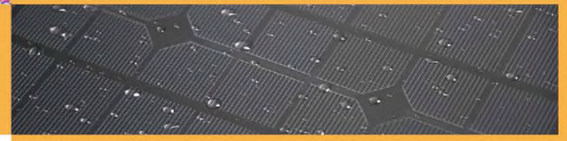
PORTABLE SOLAR PANEL

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

Several folded to be extremely portable

USB ports provided

Eco-friendly

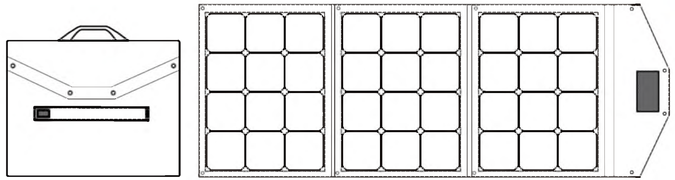


Transmittance, waterproof, and scrub surface

Great crash resistance

SPECIFICATIONS

Model	Cells	Folding size	Module size	Cell Effciency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	Controller,Cable, connector
SGC-M-4X12.5W	PERC Mono	355*290*25mm	1365*355*4mm	20.60%	21.3	17.8	3.03	2.8	2.57	With LS1012EU controller, 5m 14AWG cable with battery clips(a fuse included)
SGC-M-8X12.5W	PERC Mono	360*295*40mm	1415*720*4mm	20.60%	21.3	17.8	6.07	5.62	4.48	
SGC-S-2X40W	Sunpower	560*440*15mm	1075*560*4mm	22.60%	24.64	20.88	4.22	3.98	1.6	
SGC-S-3X40W	Sunpower	560*440*20mm	1525*560*4mm	22.60%	24.64	20.88	6.32	5.97	2.70	
SGC-L-2X55W	Day4 tech	660*520*15mm	1240*655*4mm	20%	21	17.8	6.59	6.18	3.87	
SGC-L-3X40W	Day4 tech	510*490*20mm	1685*510*4mm	20%	22.9	19.4	6.59	6.18	3.00	
SGC-L-4X30W	Day4 tech	515*395*30mm	1980*510*4mm	20%	22.9	19.4	6.59	6.18	4.36	
SGC-L-4X40W	Day4 tech	530*555*40mm	2240*525*4mm	20%	22.88	19.44	8.72	6.23	5.50	With LS1012EU controller, 5m 12AWG cable with battery clips(a fuse included)



General parameters	
Solar Cells	Mono/Sunpower/Day4 tech
Operating Temperature	-10℃~60℃
Warranty	1 years
Maximum system voltagea	45V DC

(SGF-SERIES)

FOLDING SOLAR PANEL

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

01

Product comes with a bag that can perfectly cover panel.

Due to excellently solid design, solar panel is outstandingly protected.

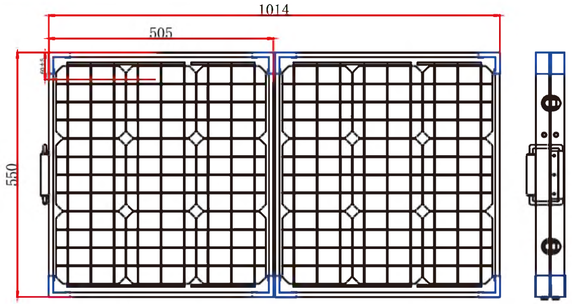
02

03

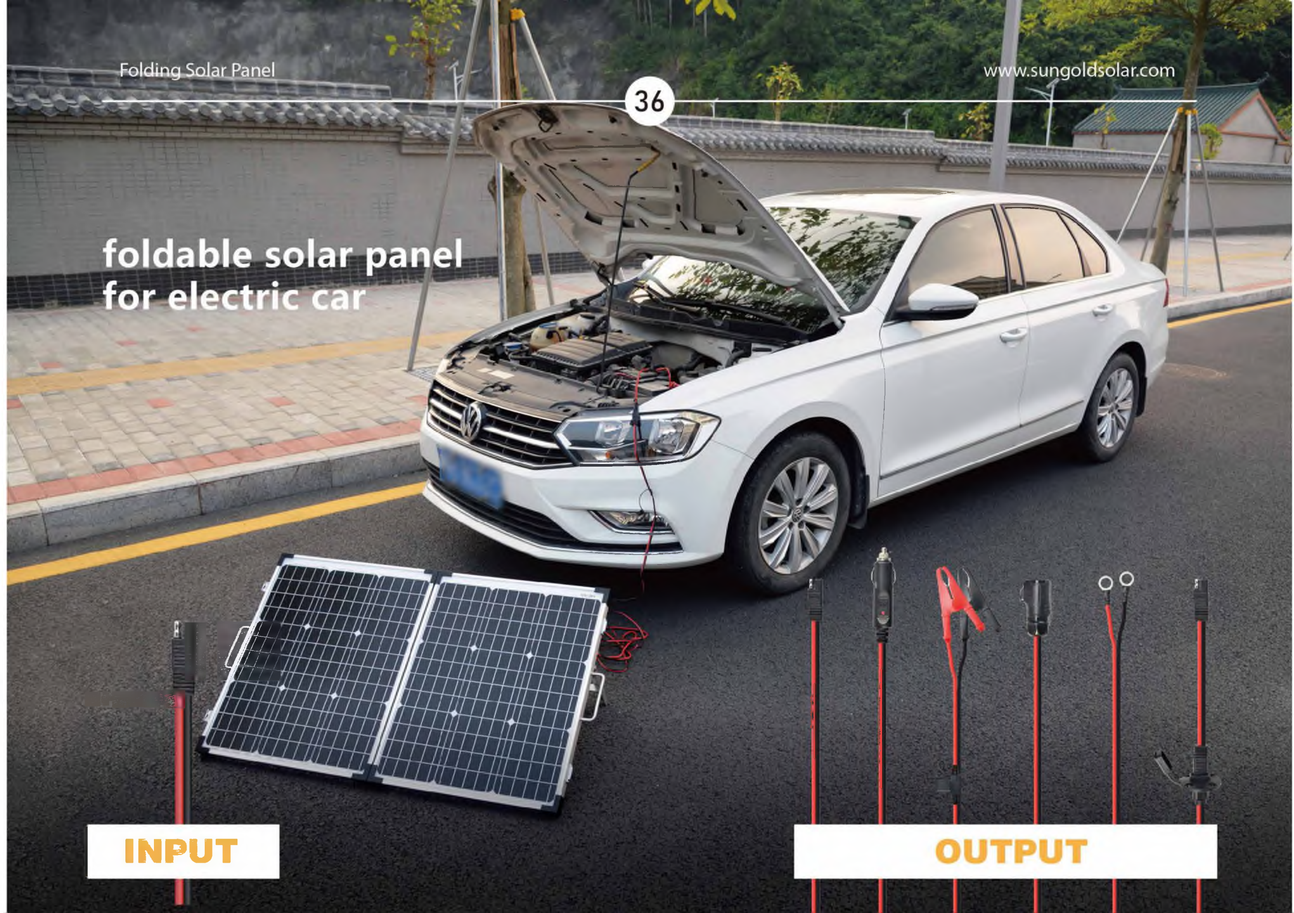
This product can meet the basic needs of electricity, which is perfect for camp, RV, and yacht.

SPECIFICATIONS

Model	Cells	Folding size	Module size	Cell Effciency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	Controller,Cable, connector
SGF-2X20W		470*345*60mm	470*694*30mm	17.26%	21.1	17.6	2.47	2.29	6.70	PV-HX025A/PV-XC806
SGF-2X30W		645*345*60mm	645*694*30mm	17.26%	21.1	17.6	3.70	3.43	8.53	
SGF-2X50W		650*505*60mm	650*1014*30mm	18.40%	21.3	17.8	6.07	5.62	11.87	
SGF-2X60W		770*505*70mm	770*1014*35mm	18.40%	21.3	17.8	7.28	6.74	13.62	
SGF-2X100W		1005*670*70mm	1005*1344*35mm	17.26%	21.1	17.6	12.43	11.43	22.12	PV-XC802
SGF-3X20W		470*345*90mm	470*1043*30mm	17.26%	21.1	17.6	3.70	3.43	8.75	PV-HX025A/PV-XC806
SGF-3X30W		645*345*90mm	645*1043*30mm	17.26%	21.1	17.6	5.55	5.14	11.23	
SGF-3X50W		690*505*90mm	505*1023*30mm	17.26%	21.1	17.6	9.26	8.57	16.14	

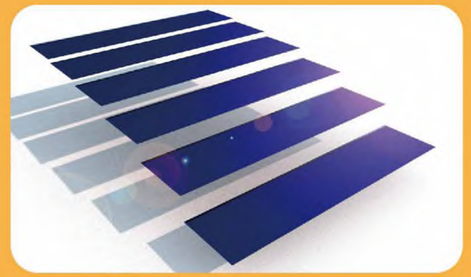


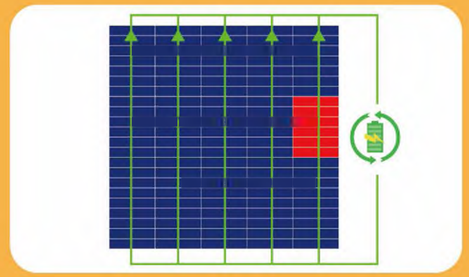
General parameters	
Solar Cells	Mono
Operating Temperature	-10℃~60℃
Warranty	10 years
Maximum system voltagea	1000V DC
Junction box	IP65 or IP67 rated



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.

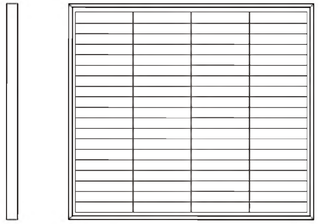
03 The abnormal part produces resistance, but the resistance of series circuit is small, it does not affect the use, and it is safer.

04 Stability: excellent stability & thermo-electric effect reduced.

05 Neat appearance: different order of the solar cells makes it looking sharp.

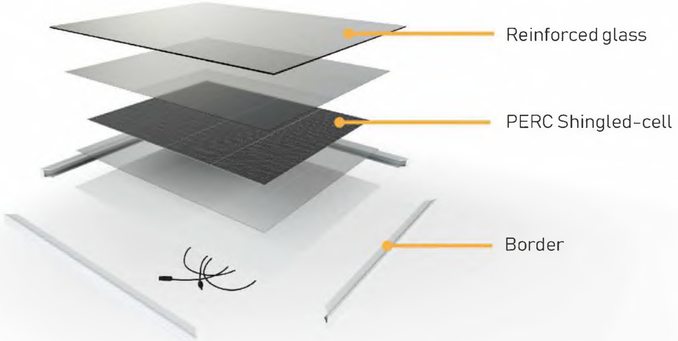
SPECIFICATIONS

Model	Cells	Module size	Cell layout	Cell Effciency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	JB,Cable,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+0.9m2.5mm²cable+MC4
SGD-M-70w	Mono	590x670x30mm	4x19	21.24%	23.2	19.7	3.77	3.55	4.35	JB+0.9m2.5mm²cable+MC4
SGD-M-100w	Mono	988x560x30mm	6x18	21.24%	22.1	18.7	5.67	5.35	6.09	JB+0.9m4mm²cable+MC4
SGD-M-155w	Mono	1310x650x35mm	8x21	21.24%	25.7	21.8	7.54	7.11	9.37	JB+0.9m4mm²cable+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+0.9m4mm²cable+MC4
SGD-P-155w	Poly	1310x740x35mm	8x19	18.30%	22.4	19.0	8.34	7.89	10.6	JB+0.9m4mm²cable+MC4



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

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



CUSTOMIZABLE

10W~150W

BORDER COLOR :

WHITE

BLACK

SGM/P SERIES

MONO/POLY SOLAR PANEL

01 As a high efficiency module, traditional solar panel kit can create more electricity than you think under the standard light.

02 Panel kit is enclosed by tempered glass and high quality materials, which make sure it has a long service time, while good protection can also ensure stable output.

03 Everyone uses it can absolutely install and use it with ease.

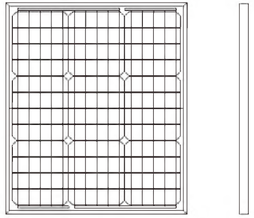
04 Due to premium protection, panel kit is resistant to high wind-pressure and high intensity snow.

05 With drain hole on the back of the stands, panel kit can better prevent being damaged.

06 10-year warranty.

SPECIFICATIONS

Model	Cells	Module size	Cell layout	Cell Effciency	Voc(V)	Vmp(V)	Isc(A)	Imp(A)	N.W(kg)	JB,Cable,Mc4
SGM-5w	Mono	160*260*18mm	4x9	20.60%	23.4	19.8	0.27	0.25		PV-JB019/PV-XC702
SGM-30w	Mono	555*345*25mm	2x18	20.60%	23.4	19.8	1.61	1.52	2.14	PV-JB007
SGM-50w	Mono	590*505*25mm	3x12	20.60%	23.4	19.8	2.68	2.53	3.36	PV-SY-006
SGM-100w	Mono	845*670*30mm	4x9	20.60%	23.4	19.8	5.35	5.05	6.20	PV-HX016
SGM-360w	Mono	1950*992*40mm	6x12	20.60%	46.7	39.6	9.64	9.09	21.50	XC908
SGP-100w	Poly	945x670x30mm	3x12	20.60%	21.3	17.8	6.07	5.62	6.87	PV-HX016
SGP-120w	Poly	1115x670x35mm	4x9	20.60%	21.3	17.8	7.28	6.74	8.25	PV-HX016
SGP-160w	Poly	1475x670x35mm	4x9	20.60%	21.3	17.8	9.71	8.99	10.72	PV-JB018-3
SGP-200w	Poly	1240x992x40mm	6x12	20.60%	42.7	35.6	6.07	5.62	13.78	PV-XC908
SGP-320w	Poly	1950x992x40mm	6x12	20.60%	42.7	35.6	9.71	8.99	21.50	PV-XC908



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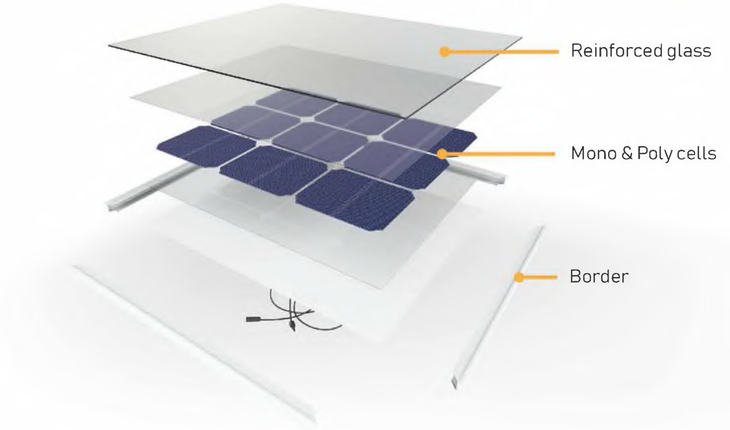
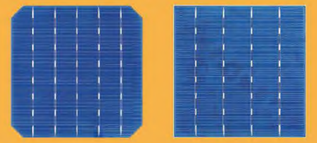


CUSTOMIZABLE

Mono:5W~360W

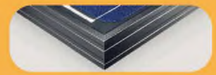
Poly :100W~320W

BORDER COLOR:



Monocrystal Polycrystal

BORDER COLOR:



BlACK

WHITE

Sungold

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