



Shenzhen Sungold Solar Co., LTD



CATALOGUE

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Flexible solar panel

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Portable solar panel

This is an exclusive special product, please contact us for other product details.



ABOUT US

Founded in 2008, Sungold solar Co., Ltd. is known for its innovative solutions to off-grid solar energy applications. Always leading the development with high-performance products that can cope with harsh environments. Most popular applications include the professional yachting industry and extreme off-grid environments. At the same time, we have pioneered the development of flexible products that can cope with outdoor camping portables. The most popular applications include the use of portable power station and other outdoor combinations. Innovation is one of the most important drivers of antiquity.

| 02 COMPANY PROFILE



800

ANNUAL OUTPUT



3000

CUSTOMER DESIGN



1000

BRAND COOPERATION

Hanks to a world-record high-efficiency solar cell, the Sungold flexible solar panel has the smallest footprint. A+ grade monocrystalline cells are the best and most efficient solar cells currently available. This results in the highest yield per square meter. Independent testing puts solar cells at the top of actual yields.



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, TUV, 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.

04 | COMPANY OVERVIEW



Based on the concept of “One Earth, One Home”, we devoted to producing more of our green products to leave a blue sky.



FLEXIBLE SOLAR PANEL



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FP SERIES



FP-SERIES

FP flexible solar panel uses Fiberglass Backplane/FR4 fibre glass back sheet, it's rigid, light weight, can bend max 10 °C. Using high efficiency mono solar cell over 22.62%. The FP flexible solar panel or fibre glass solar module is also called light weight solar panel. Fiberglass Backplane has high melting point, can resist temperature over 200 °C. Also, Fiberglass Backplane/FR4 is thicker than conventional back sheet, it makes the flexible solar panel more rigid than others. Widely used in RV, marine and off-grid markets.



Thin, Aesthetic

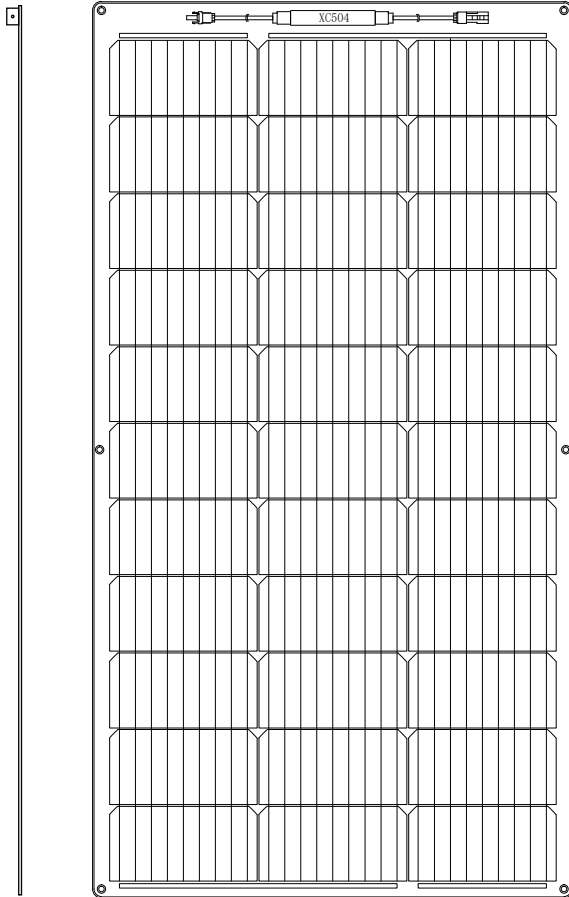


High efficiency



Weather Resistance

07 | PRODUCT PARAMETERS



Model	Module size	weight(kg)	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
FP-70W	745*530*3mm	2.2	23.3	19.8	3.75	3.54
FP-100W	995*540*3mm	2.6	21.19	18.0	5.89	5.56

General Parameters	
Solar cells	Monocrystalline
Cell efficiency	22.62%
JB,Cable and Mc4	JB+0.5m cable+MC4
Maximum system voltage	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	-10°C~60°C

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PRODUCT DETAILS



It's a black solar panel that can be installed anywhere on your yacht or RV. It's also great for small boats, rolling boats, and off-grid applications, for the most seamless solar panel installation.

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PORTABLE SOLAR PANEL



High
Compatibility



SPC-SERIES

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The SPC series folding solar panel is usually used with portable power station and can also charge 12V or 24V batteries or other 12V/24V devices. It is designed to be environmentally friendly, and all quick connect parts, such as cables, Anderson plugs, SAE connectors, battery clips or DC plugs, quickly match the connection to the mains load. It can also be equipped with an optional charge controller. With support legs, it can be fixed anywhere and get instant sun charge. Compared to traditional rigid folding solar kits, it is lighter and has a handle for easy portability.



Small, portable and foldable



Eco-friendly and durable

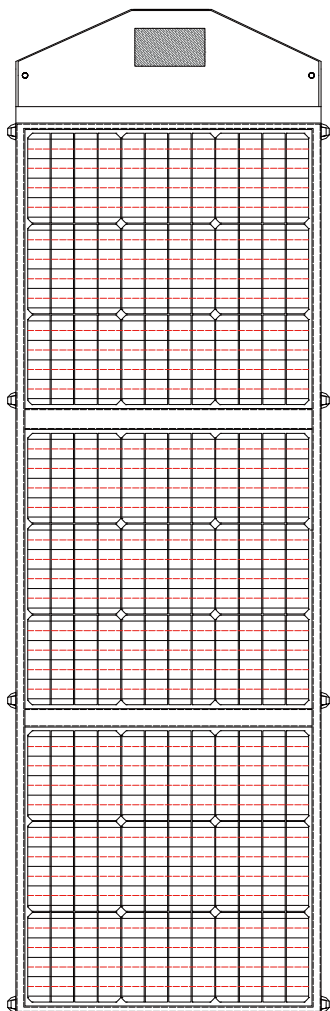


Anti-compression and anti-fall



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PRODUCT PARAMETERS



Model	Folding size	Unfold size	Weight(kg)	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SPC-M-2*35W	550*375*15mm	945*550*3mm	2.1	23.3	19.8	3.82	3.53
SPC-M-2*55W	565*550*15mm	1305*565*3mm	2.8	23.3	19.8	5.97	5.64
SPC-M-3*55W	565*550*20mm	1855*565*3mm	3.9	23.3	19.8	9.00	8.30

General Parameters

Solar cells	Monocrystalline
Cell efficiency	22.62%
JB,Cable and Mc4	DT2U05 solar junction box
Maximum system voltage	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	-10°C~60°C

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PRODUCT DETAILS



Use it for your portable power station & Outdoor Mobile devices.



BEST OFF-GRID

BEST OFF-GRID



Sungold[®]



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