

SUNGOLD SOLAR SOLAR CUSTOMIZER FOR SMEs

Energy Tailored, Future Empowered



SHENZHEN

SUNGOLD SOLAR CO., LTD.



ONE WORLD, ONE HOME, BLUE SKIES

Solar panel manufacturer committed to low-carbon life

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Sungold Solar Solar Customizer for SMEs

Since 2008, Sungold Solar has been more than a solar **manufacturer** - we're your creative collaborator, **designing off-grid solar solutions** that fit your business like a glove. With **over 1,000 SMEs** worldwide trusting us, we turn your **energy needs** into **opportunities**: lower costs, stronger brands, and a competitive edge. **Our 100+** patented innovations make us the **go-to customizer** for small and medium-sized businesses ready to stand out.

2008

Manufacturer Since

10,000 m²

Factory Area

400 +

Employees

100 +

Patent Certification

Energy Tailored to You, Powering a Brighter Tomorrow



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www.sungoldsolar.com



INDONESIAN SOLAR PANEL MANUFACTURER



PT SUNGOLD SOLAR POWER

INDONESIA FACTORY: PT SUNGOLD SOLAR POWER

Sungold established a factory in Indonesia and launched fullscale production of a complete range of products, including flexible, rigid, and folding solar panels, significantly enhancing its production capacity and market response efficiency.

Factory Review

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



Office



Laminator



Stringer



Laboratory



Laser Cutting Machine

Certifications

Sungold's manufacturing excellence is validated by internationally recognized certifications, underscoring our commitment to reliability and professional standards.

Product Certifications

TÜV • CE • RoHS • UL • REACH

Guaranteeing compliance with global safety and environmental requirements.

Corporate Accreditations

- ISO 9001 (Quality Management)
- ISO 14001 (Environmental Management)
- BSCI (Social Compliance)
- SRIU Enterprise (Specialized/Innovative Solutions)
- National High-Tech Enterprise

Demonstrating leadership in operational excellence and sustainable innovation.



ISO14001



ISO9001



TÜV



UL



FCC



CE



RoHS

FLEXIBLE SOLAR PANEL

PA219 / PA621 / TF Series

PA219 SERIES

FLEXIBLE SOLAR PANEL

Lightweight / Flame Retardant / Impact Resistant / TÜV & CSA Certified



Not Just Roofs, Solar Everywhere

The PA219 Flexible Solar Panel is designed for a wide range of applications, providing a lightweight, durable, and adaptable energy solution for diverse environments.

Lightweight Design

Weights only 3.3 kg per square meter and is just 3mm thick, reducing rooftop load-bearing pressure.

Impact Resistance & Crack Prevention

Features excellent impact resistance, preventing microcracks, and can withstand harsh weather conditions.

Superior Fire Retardancy

Meets Class C fire retardancy standards, ensuring higher safety and stability.

Anti-Glare and Scratch Resistance

Surface treatment prevents glare and scratches, extending the lifespan of the module.



PA219 Series Flexible Solar Panel

delivers efficient and reliable solutions tailored to diverse application scenarios.

TÜV/CE/RoHS/CSA/REACH



SPECIFICATION

Model	Cells	Model size	Weight	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
PA219-100W	Mono	1030*595*3mm	3.5kg	20.7	17.8	5.99	5.62
PA219-150W	Mono	1125*780*3mm	4.5kg	30.4	26.1	6.11	5.74
PA219-220W	Mono	1515*845*3mm	5.8kg	22.0	18.8	12.49	11.68
PA219-250W	Mono	1515*940*3mm	6.2kg	25.0	21.4	12.48	11.68
PA219-310W	Mono	1515*1125*3mm	7.1kg	30.5	26.3	12.61	11.81
PA219-375W	Mono	2250*940*3mm	8.4kg	37.4	32.1	12.50	11.70
PA219-420W	Mono	2250*1035*3mm	9.1kg	41.6	35.7	12.58	11.78
PA219-460W	Mono	2250*1125*3mm	9.8kg	45.7	39.2	12.50	11.73

Electrical Characteristics

The maximum system voltage	1500V DC(IEC)
Power temperature coefficient	0.35%/ C
Voltage temperature coefficient	-0.275%/ C
Current temperature coefficient	0.045%/ C
Output power tolerance	±5%
Operating Temperature	-40 C ~ 85 C
Warranty	10 Years Warranty (For specific scenarios, please contact us)

PA621 SERIES

LIGHTWEIGHT SOLAR PANEL

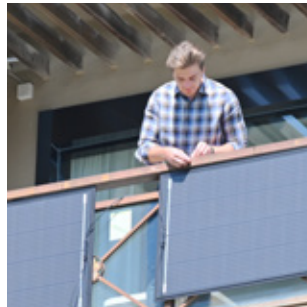
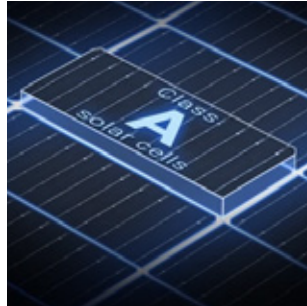
Lightweight / Heat Dissipation / Cell-level Shadow / Management Technology





***Your Partner in
Off-Grid Energy Innovation***

Energy Tailored to You, Powering a Brighter Tomorrow



Sungold PA621 Lightweight Solar Panels

Cell-level Shadow Management Technology

- Ultra-Light 4.4 kg/m²
- 22.7% Cell Efficiency
- All-Weather Durability
- Zero Hot Spot Technology

Advanced Thermal Insulation

Featuring a high-performance heat-dissipating backsheet with a thermal conductivity of just 0.2W/(m·K), the PA621 ensures minimal temperature rise, preserving output stability in high-temperature environments.

Superior Durability

Constructed with robust composite materials, the PA621 is engineered for resistance to hail, impact, and environmental stress, ensuring long-term operational reliability.

SPECIFICATION

Model	Cells	Model size	Weight	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SG-PA621-100W	Mono	1078*622*12mm	3.72kg	28.5	24.4	4.30	4.10
SG-PA621-120W	Mono	1228*622*12mm	4.12kg	22.3	19.1	6.60	6.29
SG-PA621-135W	Mono	1323*622*12mm	4.37kg	24.5	20.9	6.78	6.46
SG-PA621-150W	Mono	1133*807*12mm	4.75kg	27.1	23.2	6.79	6.47
SG-PA621-180W	Mono	1333*807*12mm	5.42kg	24.5	20.9	9.04	8.62

Electrical Characteristics							
The maximum system voltage						1000V DC (IEC)	
Power temperature coefficient						-0.35%/ C	
Voltage temperature coefficient						-0.275%/ C	
Current temperature coefficient						+0.045%/ C	
Output power tolerance						±5%	
Operating Temperature						-20 C ~75 C	
Warranty						10 years	

TF SERIES

FLEXIBLE SOLAR PANEL

*Polymer Composite Material / 6 Years Warranty /
Strong Impact Resistance*

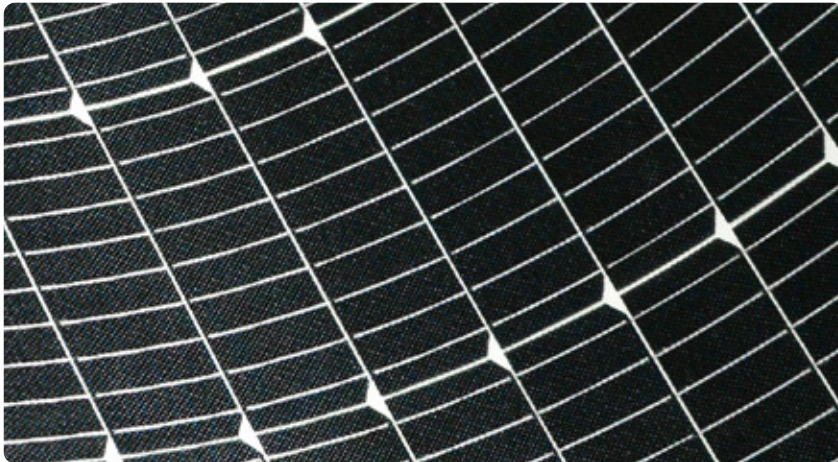


Engineered For Endurance

Crafted With Sungold's Unique Patented Material, The TF Series Offers Superior Durability And Performance, No Matter The Environment. These Panels Are Resistant To Salt Spray, Extreme Weather, And Physical Stress—Ensuring Your Investment Is Protected.

Backed By A 6-Year Warranty

Trust In Long-Term Reliability. Our Advanced Design And Materials Allow Us To Offer A 6-Year Warranty, Giving You And Your Customers Peace Of Mind.



**TF Series
Flexible Solar Panel**

SPECIFICATION

Model	Cells	Model size	Weight	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SG-TF-M2-60W	Mono	840*395*3mm	1.15kg	21.8	18.6	3.39	3.23
SG-TF-M2-100W	Mono	960*580*3mm	1.92kg	28.5	24.4	4.30	4.10
SG-TF-M2-120W	Mono	1110*590*3mm	2.26kg	22.3	19.1	6.60	6.29
SG-TF-M2-150W	Mono	1020*765*3mm	2.70kg	27.1	23.2	6.79	6.47
SG-TF-M2-180W	Mono	1220*780*3mm	3.29kg	24.5	20.9	9.04	8.62
SG-TF-M2-220W	Mono	1495*765*3mm	3.95kg	40.7	34.8	6.64	6.33
SG-TF-M2-270W	Mono	1790*765*3mm	4.73kg	48.9	41.8	6.78	6.46
SG-TF-M2-300W	Mono	1500*1030*3mm	5.34kg	27.1	23.2	13.58	12.94

Electrical Characteristics

The maximum system voltage	600V DC(IEC)
Power temperature coefficient	0.35%/ °C
Voltage temperature coefficient	-0.275%/ °C
Current temperature coefficient	0.045%/ °C
Output power tolerance	±3%
Operating Temperature	-40 °C ~ 85 °C
Warranty	6 Years Warranty

PORTABLE SOLAR PANEL

WINNER BAG / SPC / BXF Series

BXF SERIES

PORTABLE SOLAR PANELS

One-Piece Lamination / IP67 Waterproof / Solar Charger



BXF PLUS

PORTABLE SOLAR PANELS

*BXF-Plus Series Is Lighter, Softer, More Resistant Trekking, Camping, Cycling, Traveling,
Fishing And Other Activities*

Ultra Lightweight Solar Panel BXF-Plus Series

Ultra Lightweight Solar Panel BXF-Plus Series

This Solar Panel Uses Integrated Lamination Technology And High-Quality PVF Materials For Superior Durability And Environmental Resistance. It Offers Excellent Weather And UV Protection, Enhanced By A Fiberglass Composite And Optimized Lamination That Prevents Micro-Cracks, Ensuring Reliability In Harsh Conditions.



Portable Solar Panel BXF Series

Lightweight, Durable, and Perfect for Outdoor Adventures.

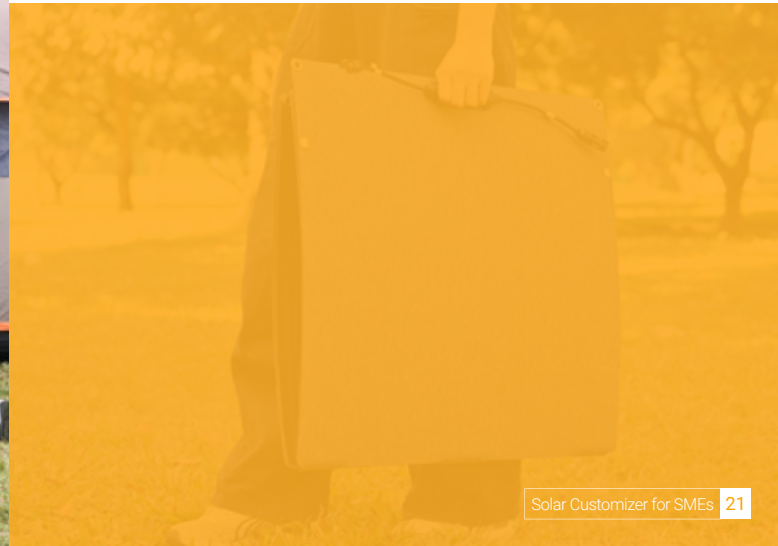
BXF series portable solar panels combine aesthetics with functionality, featuring waterproof and dustproof designs that make them easy to carry outdoors and clean. The one-piece laminated structure provides strong impact resistance, making them ideal for outdoor trips. They can also be adjusted according to usage scenarios and sunlight angles to achieve higher conversion efficiency.



BXF

PORTABLE SOLAR PANELS

BXF-M Series Portable Solar Blanket Adopts Conventional Cell Welding Technology, Durable And Strong With Long Service Life



SPECIFICATION

Model	Cells	Folding Size	Unfold Size	Weight	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
BXF-2*10W	Mono	325*222*25mm	445*325*3mm	0.55kg	8.1	7.0	3.00	2.86
BXF-3*10W	Mono	325*222*35mm	675*325*3mm	0.90kg	12.2	10.4	3.03	2.89
BXF-3*20W	Mono	405*327*35mm	990*405*3mm	1.75kg	24.4	20.9	3.01	2.88
BXF-4*30W	Mono	470*413*37mm	1665*470*3mm	3.41kg	24.4	20.9	6.03	5.75
BXF-4*50W	Mono	615*573*50mm	2154*615*18mm	8.00kg	20.4	17.4	12.07	11.50
BXF-4*50W	Mono	685*535*50mm	2115*685*18mm	8.06kg	20.4	17.4	12.07	11.50
BXF PLUS-2x50W	Mono	595*570*30mm	1085*595*3mm	2.20kg	20.4	17.4	6.03	5.75
BXF PLUS-3x50W	Mono	595*570*40mm	1617*595*3mm	3.20kg	20.4	17.4	9.05	8.63
BXF PLUS-4x50W	Mono	595*570*45mm	2154*595*3mm	4.30kg	20.4	17.4	12.07	11.50

Electrical Characteristics

The maximum system voltage	200V DC(IEC)
Power temperature coefficient	0.35%/ C
Voltage temperature coefficient	-0.275%/ C
Current temperature coefficient	0.045%/ C
Output power tolerance	±5%
Operating Temperature	-10 C ~ 60 C
Warranty	1 Year

WINNER BAG SERIES

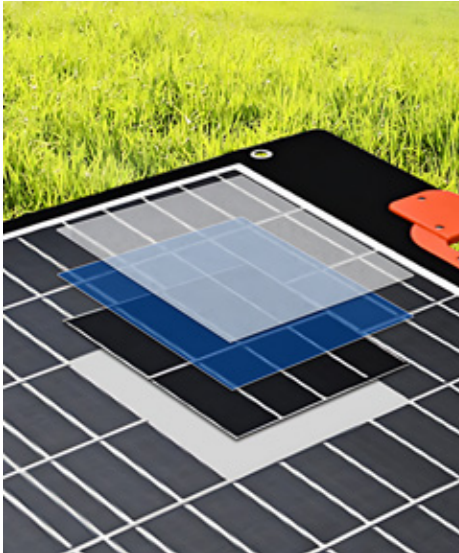
PORTABLE SOLAR PANELS

High Impact Resistance / Foldable & Portable / Flexible Setup



Portable Solar Panels

Sungold Winner Bag series portable solar panels feature high-efficiency cells and adjustable brackets for optimal setup. They are easy to carry and customizable in size and handle color, making them ideal for outdoor use.



New composite material



High impact resistance



Suitable for portable power stations

SPECIFICATION

Model	Cells	Folding Size	Unfold Size	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SGWB2-TF-M2-2X50W-B	Mono	600*590*36mm	1195*590*20mm	24.5	20.9	5.03	4.79
SGWB2-TF-M2-4X50W-B	Mono	600*590*36mm	2223*590*20mm	24.5	20.9	10.05	9.57

Electrical Characteristics							
The maximum system voltage		100V DC(IEC)					
Power temperature coefficient		-0.35%/ °C					
Voltage temperature coefficient		-0.275%/ °C					
Current temperature coefficient		+0.045%/ °C					
Output power tolerance		±3%					
Operating Temperature		-10 °C ~60 °C					
Warranty		1 year					

SOLAR PANELS POWER YOUR OUTDOOR JOURNEY.

SPC SERIES

PORTABLE SOLAR PANELS

2-Year Warranty / Impact Resistant / Durable



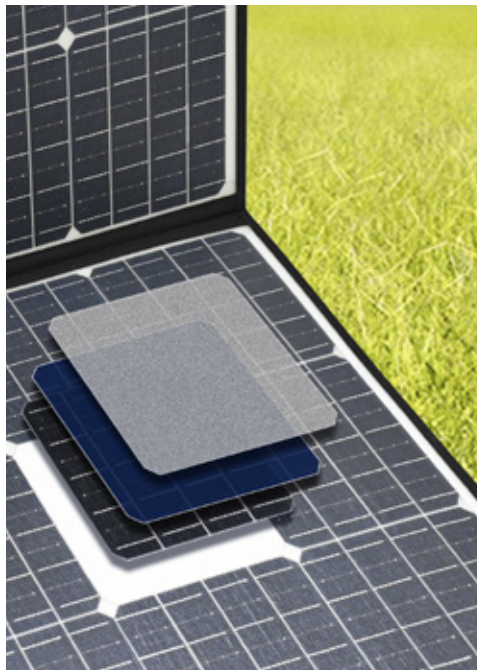
Product Features

The SPC series portable solar panel is foldable for easy portability and storage, perfect for use in RVs or camping.



Ultra-light And Portable

SPC series solar panels are lighter than similar products on the market.



New Composite Materials

With composite backing plate to enhance the impact and crack resistance of the product.



High Efficiency

SPC series solar charging pack adopts high-efficiency solar cells. High conversion efficiency.

HOT SPC SERIES

SPECIFICATION

Model	Cells	Folding Size	Unfold Size	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SPC-TF-S-2*45W	Sunpower	560*440*15mm	1075*560*4mm	26.2	22.3	4.28	4.04
SPC-TF-S-3*45W	Sunpower	560*440*20mm	1525*560*4mm	26.2	22.3	6.42	6.06
SPC-TF-S-4*45W	Sunpower	560*440*25mm	1975*565*4mm	26.2	22.3	8.56	8.08
SPC-TF-M2-2*50W	Mono	590*510*15mm	1245*590*4mm	24.5	20.9	5.02	4.79
SPC-TF-M2-3*50W	Mono	590*515*20mm	1765*590*4mm	24.5	20.9	7.54	7.18
SPC-TF-M2-4*50W	Mono	590*515*20mm	2290*590*4mm	24.5	20.9	10.05	9.57

Electrical Characteristics

The maximum system voltage	Mono: 100V DC(IEC)	Sunpower: 100V DC(IEC)
Power temperature coefficient	Mono: -0.35%/ °C	Sunpower: -0.27%/ °C
Voltage temperature coefficient	Mono: -0.275%/ °C	Sunpower: -0.236%/ °C
Current temperature coefficient	Mono: +0.045%/ °C	Sunpower: +0.058%/ °C
Output power tolerance	Mono: ±5%	Sunpower: ±5%
Operating Temperature	Mono: -10 °C ~60 °C	Sunpower: -10 °C ~60 °C
Warranty	Mono: 2 years	Sunpower: 2 years

FOLDING SOLAR PANEL

Hi-Power / SGF Series

HI-POWER SERIES

PORTABLE SOLAR PANELS

IP68 Waterproof / Lightweight / TÜV IEC 63163 Consumer Photovoltaic Products Certification



Product Features

Hi-Power series solar panels are ideal for outdoor living. The solar panels are designed for high-capacity portable power stations.

APPLICABLE TO PORTABLE POWER STATION

Sungold Hi-Power series of foldable solar panels is specifically designed for high-power energy storage systems, featuring exceptional compatibility and enhanced adaptability to meet a wide range of energy storage needs.



SPECIFICATION

Model	Cells	Folding Size	Unfold Size	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
HP-M2-2*100W	Mono	910*590*50mm	1180*910*25mm	36.6	31.3	6.71	6.39
HP-M2-4*100W	Mono	910*590*90mm	2362*910*25mm	36.6	31.3	13.42	12.78
LVP2 130W A	Mono	640*595*50mm	1193*640*25mm	24.5	20.9	6.53	6.23
LVP2 180W A	Mono	825*595*50mm	1193*825*25mm	24.5	20.9	9.04	8.62
LVP2 270W A	Mono	910*780*50mm	1563*910*25mm	24.5	20.9	13.56	12.92

Electrical Characteristics			
The maximum system voltage	HP: 2*100W 100V DC(IEC)	4*100W 200V DC(IEC)	LVP2: 100V DC(IEC)
Power temperature coefficient	-0.35%/ C		
Voltage temperature coefficient	-0.275%/ C		
Current temperature coefficient	+0.045%/ C		
Output power tolerance	±3%		
Operating Temperature	-20 C ~70 C		
Waterproofing grade	IP68		
Warranty	5 years		

SGF SERIES

FOLDING SOLAR PANEL

Durable / IP67 Waterproof / 10-Year Warranty



BEST FOLDING SOLAR PANELS

Mature Design

Sungold SGF Series Folding Best Portable Solar Panels Are Designed And Manufactured With Standard Glass Panels And Are One Of The Most Mature Solar Products And The Most Familiar To Customers.

Strong And Durable

This Product Has Been Tested In The Environment For A Long Time And Is Stable, Proven, And Durable. The Corrosion-Resistant Aluminum Frame For Outdoor Use Allows The Solar Panels To Last For Decades, And Withstand Strong Wind And Snow Loads.



SPECIFICATION

Model	Cells	Folding Size	Unfold Size	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SGF3-130W	Mono	625*590*30mm	1183*625*30mm	24.50	20.90	6.53	6.23
SGF3-180W	Mono	815*590*35mm	1183*815*35mm	24.50	20.90	9.04	8.62
SGF3-200W	Mono	945*590*35mm	1183*945*35mm	28.50	24.40	8.61	8.20
SGF3-240W	Mono	1090*590*35mm	1183*1090*35mm	22.30	19.10	13.19	12.57
SGF3-270W	Mono	900*770*35mm	1543*900*35mm	24.50	20.90	13.56	12.92
SGF3-300W	Mono	1000*770*35mm	1543*1000*35mm	27.10	23.20	13.58	12.94

Electrical Characteristics							
The maximum system voltage						100V DC(IEC)	
Power temperature coefficient						-0.35%/°C	
Voltage temperature coefficient						-0.275%/°C	
Current temperature coefficient						+0.045%/°C	
Output power tolerance						±3%	
Operating Temperature						-10°C~60°C	
Warranty						10 years	

RIGID SOLAR PANEL

SGM / SG-DG Series

SGM / SG-DG SERIES

RIGID SOLAR PANEL

Rugged / Efficient / Long Warranty / Suitable for Various Applications



Durable & Efficient Rigid Solar Panel

Sungold offers rigid solar panels: monocrystalline solar panels SGM series and bifacial solar panels SG-DG series, which adopt advanced production processes and materials to ensure the high performance and reliability of the products.

Additionally, the SGSP series, featuring SunPower cells, provides enhanced compatibility and efficiency for various applications.



SGM/SGSP Series:

10 Years Warranty Commitment

20 Years Long Service Life

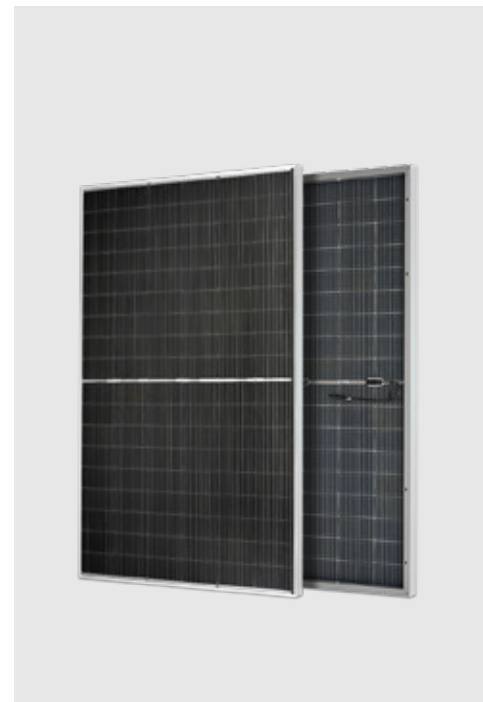
SG-DG Series:

12 Years Warranty Commitment

30 Years Long Service Life



SGM SERIES
Monocrystalline Solar Panels



SG-DG SERIES
Bifacial Solar Panels



SGM SERIES

MONOCRYSTALLINE SOLAR PANELS

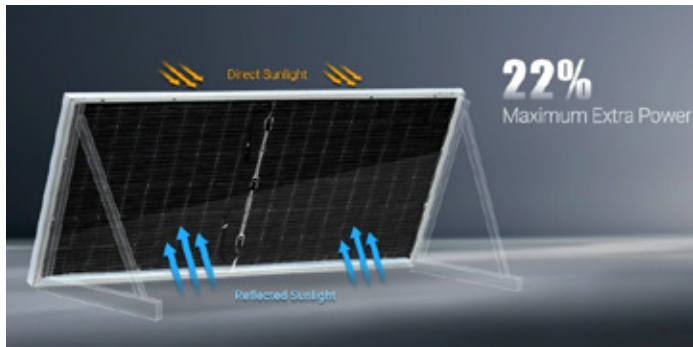
Off grid solar system SGM series rigid solar panels as a standard solar module with monocrystalline solar cells for high-efficiency output.



SG-DG SERIES

BIFACIAL SOLAR PANELS

Sungold Bifacial Solar Panel SG-DG Series Provides High Weather Resistance And Power Generation Efficiency Through Double-Layer Toughened Glass Construction For A Wide Range Of Environments.



SPECIFICATION

Model-SGM2	Cells	Model size	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SGM2-120W	Mono	1090*590*35mm	22.3	19.1	6.60	6.29
SGM2-135W	Mono	1185*590*35mm	24.5	20.9	6.78	6.46
SGM2-150W	Mono	1000*770*35mm	27.1	23.2	6.79	6.47
SGM2-180W	Mono	1200*770*35mm	24.5	20.9	9.04	8.62
SGM2-220W	Mono	1470*770*35mm	40.7	34.8	6.64	6.33
SGM2-270W	Mono	1765*770*35mm	24.5	20.9	13.56	12.92
SGM2-360W	Mono	1600*1134*40mm	48.9	41.8	9.04	8.26
SGM2-450W	Mono	1960*1134*40mm	40.7	34.8	13.58	12.94

Model--SG-DG	Cells	Model size	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SG-DG-145W	Mono	1030*770*30mm	27.1	23.2	6.56	6.26
SG-DG-175W	Mono	1225*770*30mm	32.5	27.8	6.61	6.30
SG-DG-230W	Mono	1595*770*30mm	32.5	27.8	8.69	8.28
SG-DG-260W	Mono	1770*770*30mm	24.5	20.9	13.06	12.45
SG-DG-350W	Mono	1595*1134*30mm	48.9	41.8	8.79	8.38
SG-DG-390W	Mono	1770*1134*30mm	36.6	31.3	13.08	12.47

Model--SGSP	Cells	Model size	Voc(V)	Vmp(V)	Isc(A)	Imp(A)
SGSP-45W	Sunpower	540*440*25mm	26.2	22.3	2.14	2.02
SGSP-60W	Sunpower	560*540*25mm	23.3	19.8	3.21	3.04
SGSP-65W	Sunpower	625*540*25mm	26.2	22.3	3.09	2.92
SGSP-90W	Sunpower	835*540*30mm	26.2	22.3	4.28	4.04
SGSP-120W	Sunpower	1060*540*35mm	23.3	19.8	6.42	6.07
SGSP-135W	Sunpower	1190*540*35mm	26.2	22.3	6.42	6.06
SGSP-150W	Sunpower	1315*540*35mm	29.2	24.8	6.41	6.05
SGSP-165W	Sunpower	1445*1134*30mm	32.1	27.3	6.41	6.05

Electrical Characteristics		
The maximum system voltage	SGM2/SGSP : 1000V DC(IEC)	SG-DG : 1500V DC(IEC)
Power temperature coefficient	SGSP:-0.27%/ C	SGM2/SG-DG:-0.35%/ C
Voltage temperature coefficient	-0.236%/ C	-0.275%/ C
Current temperature coefficient	+0.058%/ C	+0.045%/ C
Output power tolerance	±3%	±3%
Operating Temperature	-40 C ~85 C	-40 C ~85 C
Warranty	SGM2/SGSP : 10 years	SG-DG :12 years

ShenZhen Sungold Solar Co.,Ltd

Collaboration Across Three Locations, Serving the Globe

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