

SOFT GOLD SERIES FLEXIBLE SOLAR PANELS

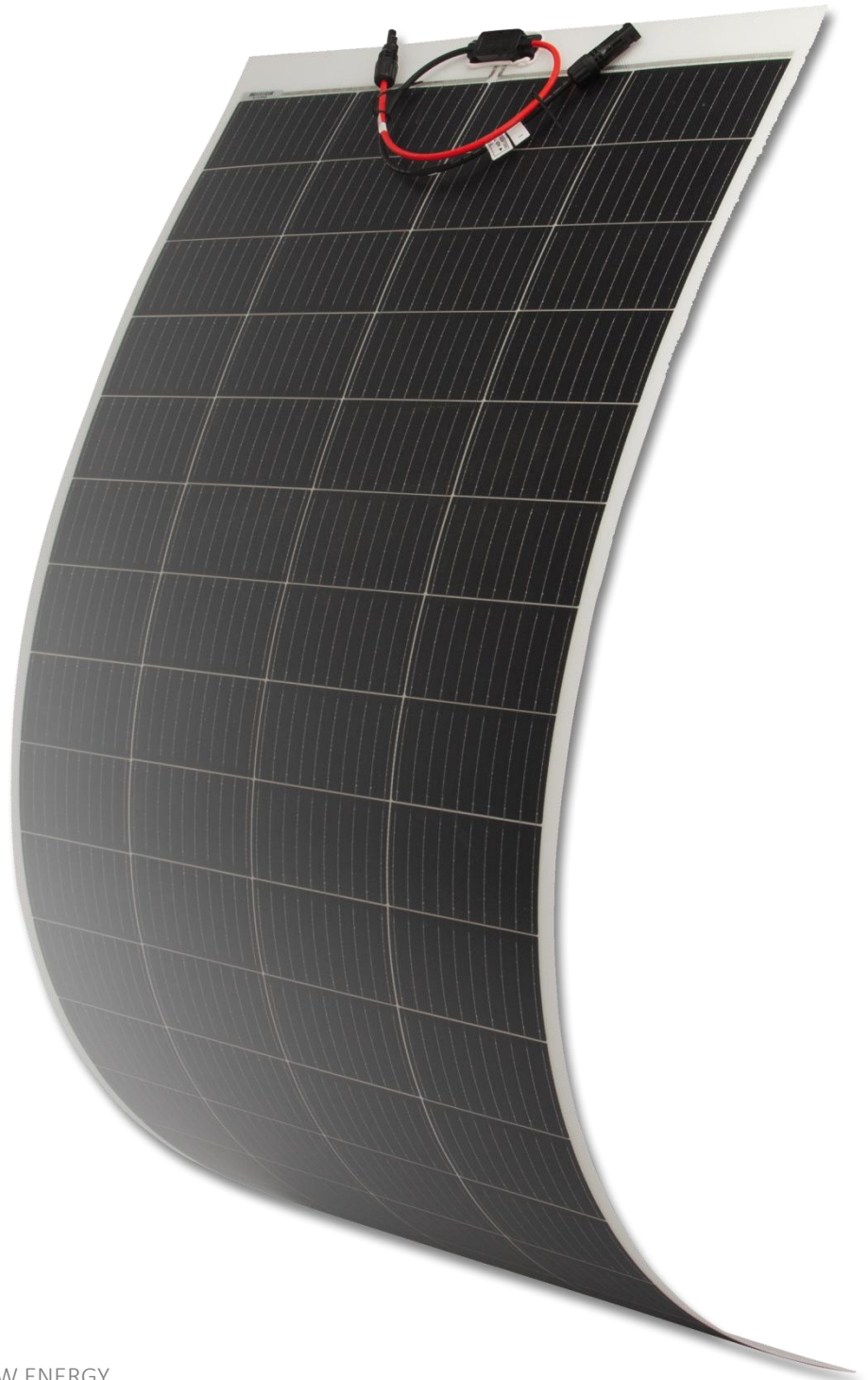
GGFM-NWSS190-20A

190W20V

Grade A high-efficiency
monocrystalline silicon
laminated solar panel

Patent number :

ZL 2019 2 2248487.6

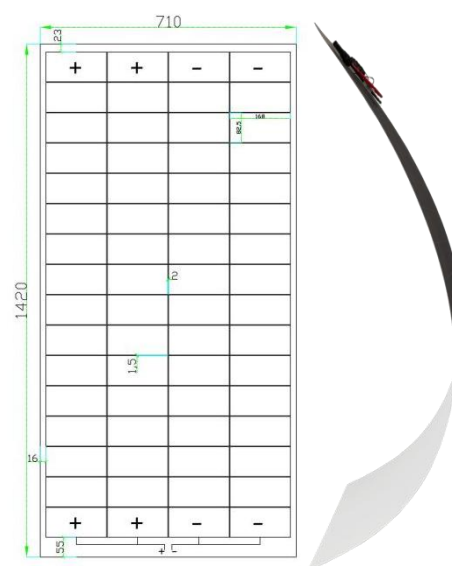


XI'AN GO SOLARV NEW ENERGY
TECHNOLOGY CO., LTD.

Committed to diverse applications of PV



With unique packaging technology of bending components, its structure is stable, bending curvature up to 270°/m, light weight, can be used for curved surface installation, improve installation power. The surface is encapsulated with ETFE material, anti-UV, anti-corrosion, with stronger weather resistance and longer service life. Solar cells can be chosen from PERC or TOPCON.



MECHANICAL PARAMETERS

Cells configuration	4×16
Junction box	Single-cell junction box, One diode
Output Cables	4mm ² ,The positive and negative electrodes are both 400 mm
Surface Material	ETFE
Frame	No frame
Net weight	2.9Kg
Size	1420×710×2mm

ELECTRICAL PERFORMANCE PARAMETERS

Cell type	PERC Monocrystalline
Model	GGFM-YWSS190-20A
Standard power	190W
Peak voltage (V _{mp})	19.5V
Peak Current (I _{mp})	9.67A
Open Circuit Voltage	24.17V
Short Circuit Current	10.51A
Test standards	STC : AM1.5 1000W/m ² 25°C

WORKING PARAMETERS

OTR	- 40°C — +80°C
Power Tolerance	±2%
System Voltage	DC1000V
Maximum fuse rating	20A
Nominal temperature	45±2°C
Safety Class	Class II
Fire resistance rating	Class C

LOAD CAPACITY

Front static load	3600Pa
Rear static load	2400Pa
Hail Impact test	Diameter: 25mm, Impact speed: 23m/s

TEMPERATURE COEFFICIENT

TC Power	- 0.30%/°C
TC Voltage	- 0.28%/°C
TC Current	+0.05%/°C