

KING KONG NR SERIES SOLAR PANELS

GSMO-YWSS100-80A

100W80V

Grade A high-efficiency
monocrystalline silicon
laminated solar panel



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

Committed to diverse applications of PV

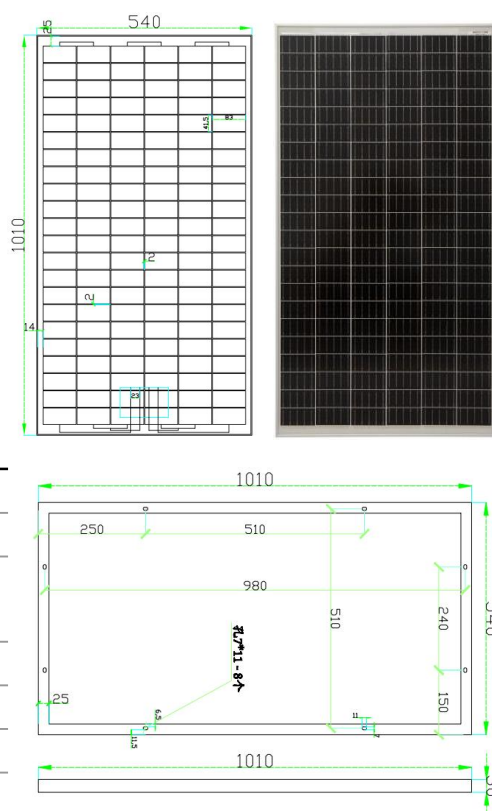


GSMO-YWSS100-80A

100W80V

PERC

The Kingkong NR Series modules are standard monocrystalline solar panels, integrating high-efficiency PERC monocrystalline cells with a conversion efficiency of over 23%. Encapsulated in 3.2mm ultra-clear tempered glass, these panels benefit from a mature manufacturing process, ensuring stable power output and exceptional durability. Under standard test conditions (STC), the power retention rate is guaranteed to be $\geq 90\%$ after 10 years and $\geq 80\%$ after 20 years.



MECHANICAL PARAMETERS

Cells configuration	6*22
Junction box	Single-cell junction box, Two diodes
Output Cables	2.5mm ² , The positive and negative electrodes are both 900 mm
Glass Type	3.2mm Tempering、Ultra white
Frame	Anodized aluminum alloy frame
Net weight	5.5Kg
Size	1010*540*30mm

ELECTRICAL PERFORMANCE PARAMETERS

Cell type	PERC Monocrystalline
Model	GSMO-YWSS100-80A
Standard power	104.68W
Peak voltage (Vmp)	83.13V
Peak Current (Imp)	1.25A
Open Circuit Voltage	97.15V
Short Circuit Current	1.38A
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	10A
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



All data contained in this specification are subject to change without further notice.