

KING KONG EC SERIES SOLAR PANELS

GSMO-YWET250-20A

250W20V

Grade A high-efficiency
monocrystalline silicon
laminated solar panel

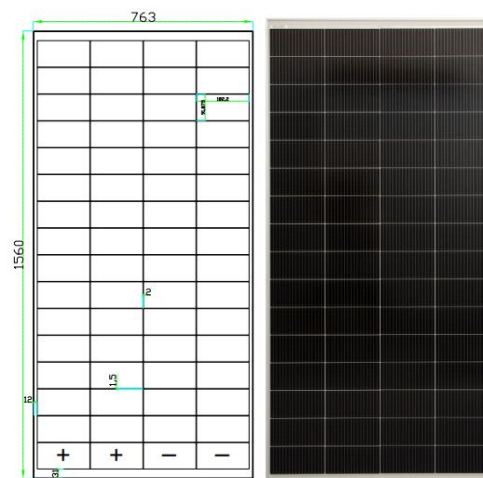


XI'AN GO SOLARV NEW ENERGY
TECHNOLOGY CO., LTD.

Committed to diverse applications of PV

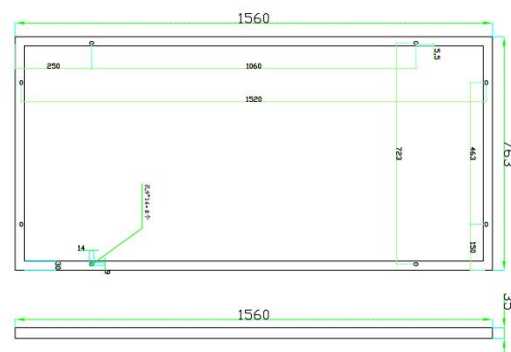


The Dream series solar panels use GO solarv's latest encapsulation patent technology to enhance solar panel integrity.. They are highly rigid, lightweight, shock-resistant, and have excellent heat dissipation. After encapsulation, the DREAM panels weigh only 40% to 50% of the same power glass-encapsulated panels, making them highly suitable for use in RV solar power systems. Tests have shown that even when installed on the roof of a vehicle traveling at high speeds and experiencing severe vibrations, the Dream series solar panels will not develop hidden cracks over long-term use.



MECHANICAL PARAMETERS

Cells configuration	4×16
Junction box	Single-cell junction box, Two diodes
Output Cables	4mm ² ,The positive and negative electrodes are both 900 mm
Glass Type	3.2mm Tempering、 Ultra white
Frame	Anodized aluminum alloy frame
Net weight	12.6Kg
Size	1567*553*30mm



ELECTRICAL PERFORMANCE PARAMETERS

Cell type	TOPCON Monocrystalline
Model	GSMO-YWET250-20A
Standard power	261W
Peak voltage (Vmp)	20.36V
Peak Current (Imp)	12.82A
Open Circuit Voltage	21.80V
Short Circuit Current	13.37A
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