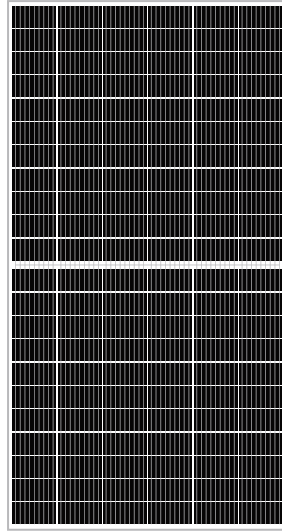
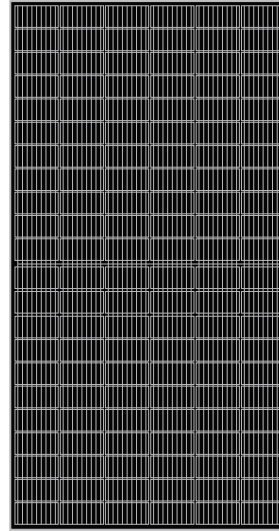


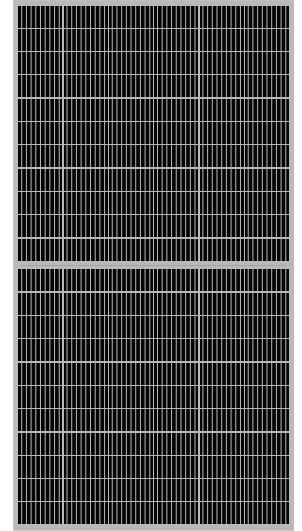
GKA210M132
655W-675W



GKA210M132S
STANDARD



GKA210M132BK
BLACK VERSION



GKA210M132BF
BIFACIAL

KEY FEATURES

M Busbar Solar Cell
M Busbar Solar Cell design improves module efficiency and offers better aesthetic appearance for rooftop installation.

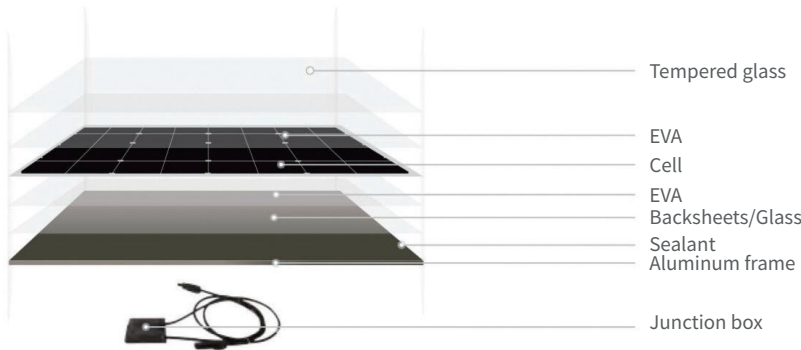
High Efficiency:
Higher module conversion efficiency (up to 21.73%) benefit from Passivated Emmitter Rear Contact (PERC) technology.

PID Resistance:
Excellent Anti-PID performance guarantee limited power degradation for mass production.

Low-light Performance:
Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

Severe Weather Resilience:
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

DURABILITY AGAINST EXTREME ENVIRONMENTAL CONDITIONS:
High salt mist and ammonia resistance certified.

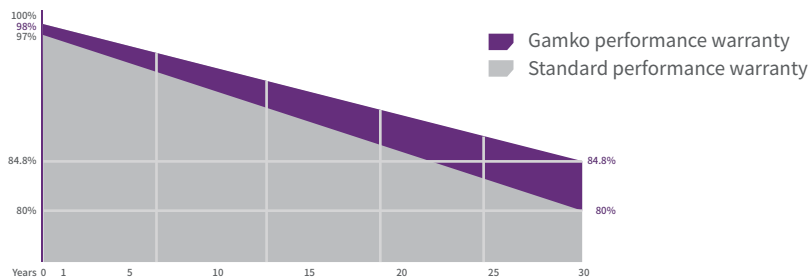


★ GAMKO SOLAR MODULE BOM

- CELLS:** TIER 1 BRANDS SOLAR CELLS
- TEMPERED GLASS:** ULTRA-CLEAR
- EVA:** TRANSPARENCY > 93%
- BACKSHEETS:** REFLECTIVITY > 80%, TPT
- JUNCTION BOX:** IP68 MAX 30A
- SILICON GEL:** UV, AGING-RESISTANT
- FRAME:** ANODIZED ALUMINUM 6005-T5

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty · 30 Year Linear Power Warranty



★ GAMKO QUALITY CONTROL

- ◆ 2 EL testing avoid cells cracking of each solar module.
- ◆ 2 Power flash testing avoid false welding and insufficient power of each module.
- ◆ Packing tightly with angle protection avoid transportation broken.
- ◆ Gamko official Warranty cover all Gamko solar module 30 years.

GKA210M132
655W-675W



SPECIFICATION

	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(P _{max})	655W	498W	660W	502W	665W	506W	670W	510W	675W	514W
Open Circuit Voltage (V _{oc})	45.12V	41.38V	45.35V	41.56V	45.54V	41.74V	45.71V	41.92V	45.86V	42.10V
Short Circuit Current (I _{sc})	18.66A	15.54A	18.69A	15.58A	18.73A	15.62A	18.78A	15.66A	18.84A	15.70A
Voltage at Maximum Power (V _{mpp})	37.71V	34.25V	37.88V	34.43V	38.04V	34.61V	38.22V	34.79V	38.37V	34.97V
Current at Maximum Power (I _{mp})	17.37A	14.54A	17.42A	14.58A	17.48A	14.62A	17.53A	14.66A	17.59A	14.70A
Module Efficiency STC (%)	21.09%		21.25%		21.41%		21.57%		21.73%	

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5; Tolerance of P_{max}: ±3%; Measurement Tolerance: ±3%, P_{max} According Gamko's official testing.
NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s; Tolerance of P_{max}: ±3%; Measurement Tolerance: ±3%, P_{max} According Gamko's official testing.

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

5%	Maximum Power(P _{max})	688W	693W	698W	704W	709W
	Module Efficiency STC (%)	22.14%	22.31%	22.48%	22.65%	22.82%
15%	Maximum power (P _{max})	753W	759W	765W	771W	776W
	Module Efficiency STC (%)	24.25%	24.43%	24.62%	24.80%	24.99%
25%	Maximum Power(P _{max})	819W	825W	831W	838W	844W
	Module Efficiency STC (%)	26.36%	26.56%	26.76%	26.96%	27.16%

MECHANICAL CHARACTERISTICS

Cell type	Monocrystalline PERC 210*105mm
Number of cells	132(6x22)
Module dimensions	2384*1303*35MM
Weight	34kg
Front cover	3.2mm (0.13inches)tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP68 rated (3 by pass diodes)
Cable	4mm2(0.006inches2),Portrait: 300mm(11.81inches);
Connector	PV compatible

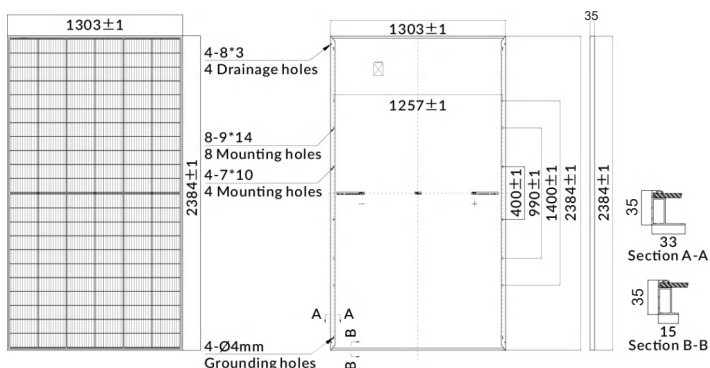
TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	43°C±2°C
Temperature Coefficients of P _{max}	-0.34%/°C
Temperature Coefficients of V _{oc}	-0.25%/°C
Temperature Coefficients of I _{sc}	-0.04%/°C

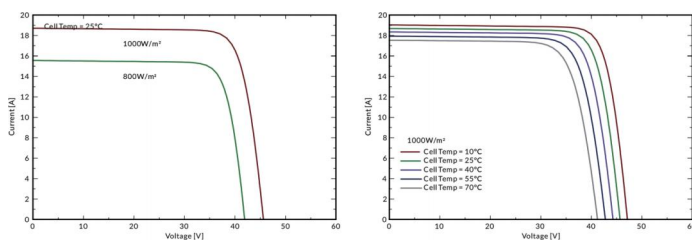
PACKAGING

Standard packaging	31pcs/pallet
Module quantity per 20' container	164pcs
Module quantity per 40' container	558pcs(HQ)

ENGINEERING DRAWINGS



Electrical Performance & Temperature Dependence



Specifications included in this datasheet are subject to change without notice.