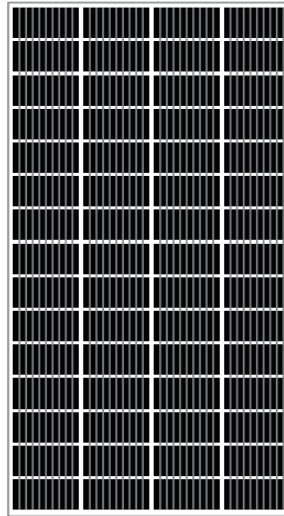


GKA210M
300W



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 20.90%) benefit from Passivated Emitter Rear Contact (PERC) technology.



PID Resistance:

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

Low-light Performance:

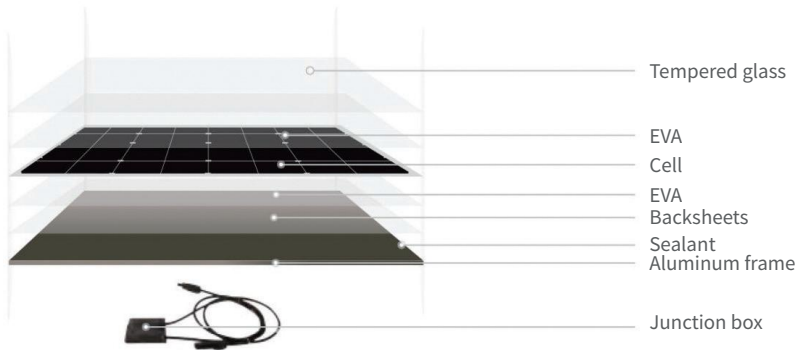
Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

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.

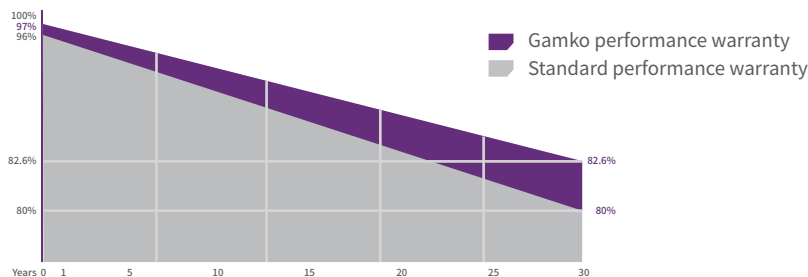


★ **GAMKO SOLAR MODULE BOM**

- CELLS:** TIER 1 BRANDS SOLAR CELLS
- TEMPERED GLASS:** ULTRA-CLEAR
- EVA:** TRANSPARENCY > 93%
- BACKSHEETS:** REFLECTIVITY > 80%, TPT
- JUNCTION BOX:** IP67 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.



GKA210M 300W

ELECTRICAL CHARACTERISTICS AT STC

Maximum Power(P _{max})	300W
Open Circuit Voltage (V _{oc})	41.04V
Short Circuit Current (I _{sc})	9.21A
Voltage at Maximum Power (V _{mpp})	34.20V
Current at Maximum Power (I _{mpp})	8.77A
Module Efficiency (%)	20.66%

ELECTRICAL CHARACTERISTICS AT NOCT

Maximum Power(P _{max})	240W
Open Circuit Voltage (V _{oc})	36.80V
Short Circuit Current (I _{sc})	8.21A
Voltage at Maximum Power (V _{mpp})	30.07V
Current at Maximum Power (I _{mpp})	7.82A

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.

MECHANICAL CHARACTERISTICS

Cell type	Monocrystalline PERC 210*105mm
Number of cells	60(4x15)
Module dimensions	1650*880*30MM
Weight	15kg
Front cover	3.2mm (0.13inches)tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP67 rated (3 by pass diodes)
Cable	4mm ² (0.006inches ²),Portrait: 900mm (35.43inches);
Connector	PV compatible

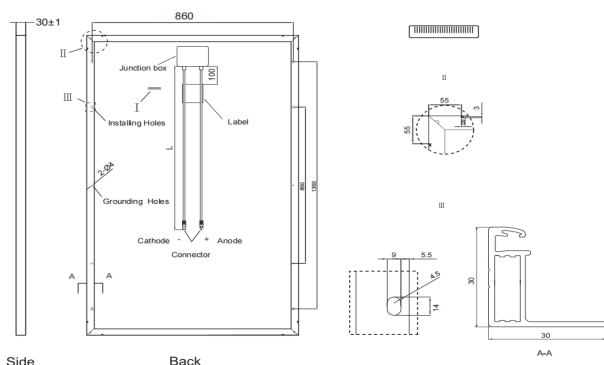
TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45°C±2°C
Temperature Coefficients of P _{max}	-0.36%/°C
Temperature Coefficients of V _{oc}	-0.28%/°C
Temperature Coefficients of I _{sc}	-0.05%/°C

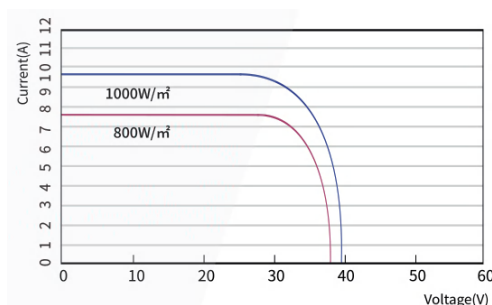
PACKAGING

Standard packaging	36pcs/pallet
Module quantity per 20' container	492pcs
Module quantity per 40' container	1218pcs(HQ)

ENGINEERING DRAWINGS



Electrical Performance & Temperature Dependence



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