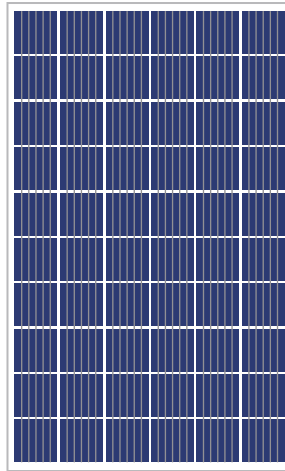
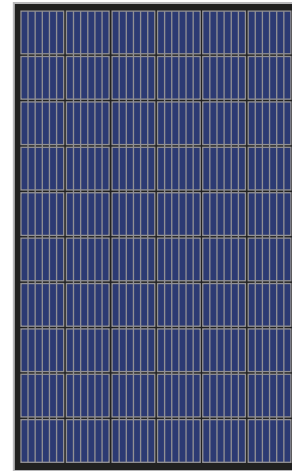


GKA157P60
270W-290W




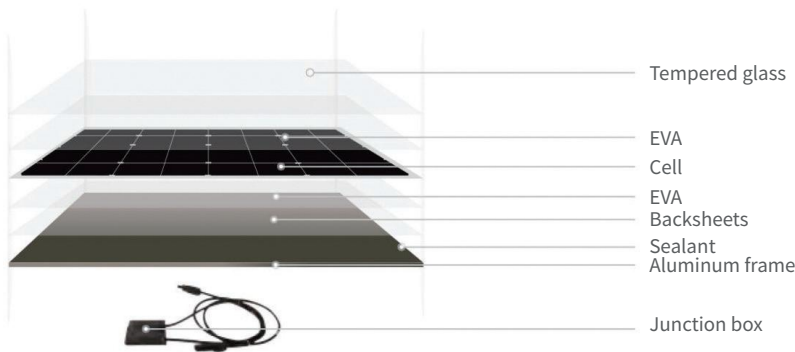
GKA157P60S
STANDARD



GKA157P60BK
BLACK VERSION

KEY FEATURES

- 
5 Busbar Solar Cell:
 5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.
- 
Low-light Performance:
 Advanced glass and cell surface textured design ensure excellent performance in low-light environment.
- 
Temperature Coefficient:
 Improved temperature coefficient decreases power loss during high temperatures.
- 
Severe Weather Resilience:
 Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).
- 
PID Resistance:
 Excellent Anti-PID performance guarantee limited power degradation for mass production.
- 
DURABILITY AGAINST EXTREME ENVIRONMENTAL CONDITIONS:
 High salt mist and ammonia resistance certified.

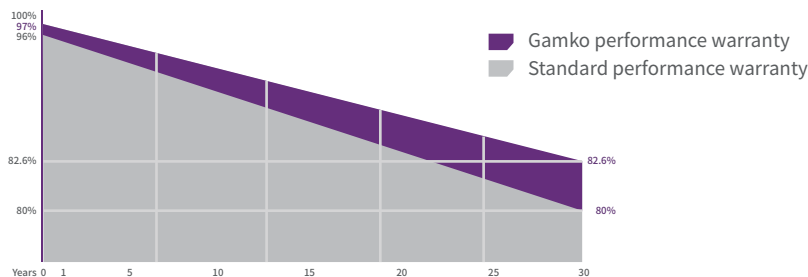


★ GAMKO SOLAR MODULE BOM

- 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.

GKA157P60
270W-290W



ELECTRICAL CHARACTERISTICS AT STC

Maximum Power(P _{max})	270W	275W	280W	285W	290W
Open Circuit Voltage (V _{oc})	37.89V	38.19V	38.47V	38.86V	39.18V
Short Circuit Current (I _{sc})	9.24A	9.32A	9.41A	9.47A	9.54A
Voltage at Maximum Power (V _{mpp})	31.11V	31.36V	31.64V	31.89V	32.14V
Current at Maximum Power (I _{mpp})	8.68A	8.77A	8.85A	8.94A	9.02A
Module Efficiency (%)	16.60%	16.90%	17.21%	17.52%	17.83%

ELECTRICAL CHARACTERISTICS AT NOCT

Maximum Power(P _{max})	200W	204W	207W	211W	214W
Open Circuit Voltage (V _{oc})	35.63V	35.95V	36.22V	36.51V	36.79V
Short Circuit Current (I _{sc})	7.27A	7.33A	7.40A	7.46A	7.53A
Voltage at Maximum Power (V _{mpp})	29.33V	29.57V	29.66V	29.84V	30.00V
Current at Maximum Power (I _{mpp})	6.82A	6.90A	6.98A	7.06A	7.14A

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	Polycrystalline 157*157mm
Number of cells	60(6x10)
Module dimensions	1640*992*30MM
Weight	16kg
Front cover	3.2mm (0.13inches)tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP67 rated (3 by pass diodes)
Cable	4mm2(0.006inches2),Portrait: 900mm (35.43inches);
Connector	PV compatible

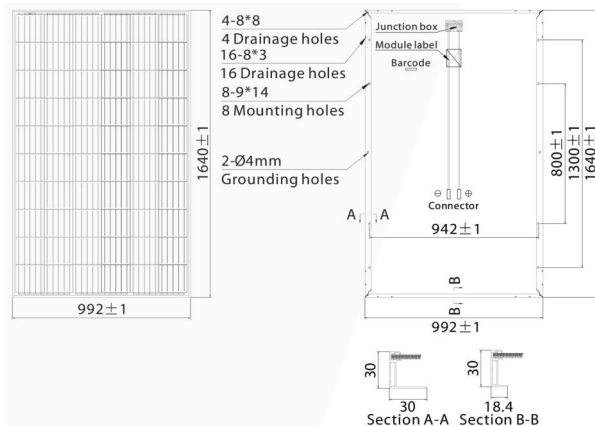
TEMPERATURE CHARACTERISTICS

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

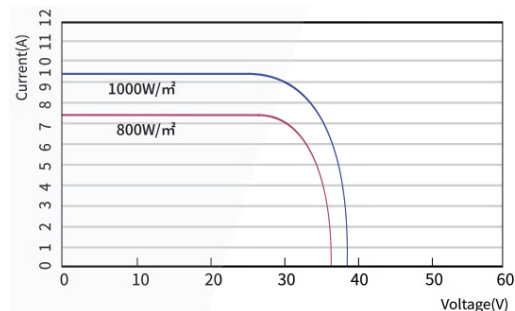
PACKAGING

Standard packaging	36pcs/pallet
Module quantity per 20' container	480pcs
Module quantity per 40' container	1120pcs(HQ)

ENGINEERING DRAWINGS



Electrical Performance & Temperature Dependence



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