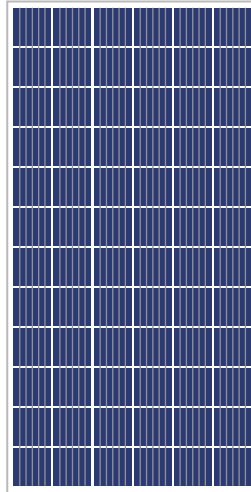
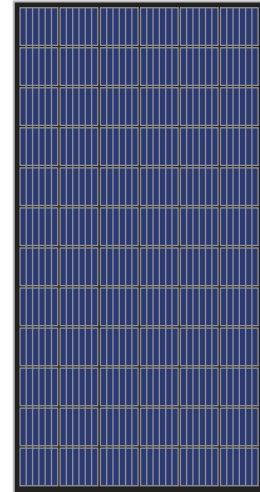


GKA157P72
325W-345W



GKA157P72S
STANDARD



GKA157P72BK
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).



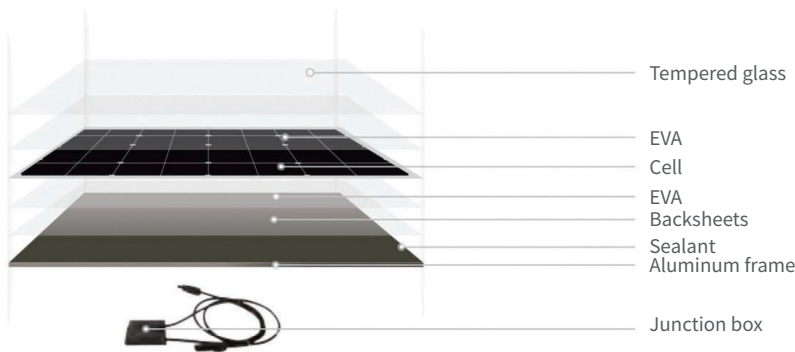
PID Resistance:

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

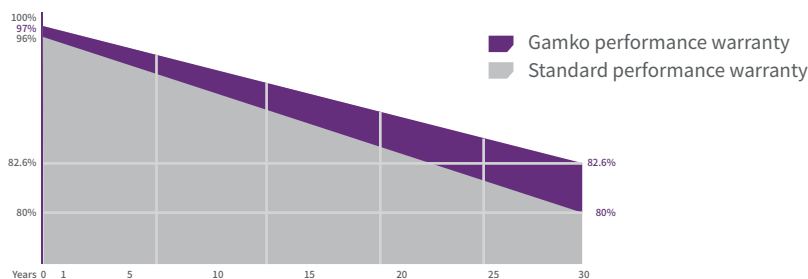
JUNCTION BOX: IP67 MAX 30A

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.

GKA157P72
325W-345W



ELECTRICAL CHARACTERISTICS AT STC

| | | | | | |
|--|--------|--------|--------|--------|--------|
| Maximum Power(P _{max}) | 325W | 330W | 335W | 340W | 345W |
| Open Circuit Voltage (V _{oc}) | 46.03V | 46.36V | 46.68V | 47.00V | 47.31V |
| Short Circuit Current (I _{sc}) | 9.23A | 9.30A | 9.36A | 9.43A | 9.49A |
| Voltage at Maximum Power (V _{mpp}) | 37.19V | 37.39V | 37.59V | 37.79V | 37.99V |
| Current at Maximum Power (I _{mpp}) | 8.74A | 8.83A | 8.91A | 9.00A | 9.08A |
| Module Efficiency (%) | 16.75% | 17.01% | 17.26% | 17.52% | 17.78% |

ELECTRICAL CHARACTERISTICS AT NOCT

| | | | | | |
|--|--------|--------|--------|--------|--------|
| Maximum Power(P _{max}) | 241W | 245W | 249W | 253W | 257W |
| Open Circuit Voltage (V _{oc}) | 42.99V | 43.32V | 43.64V | 43.96V | 44.27V |
| Short Circuit Current (I _{sc}) | 7.35A | 7.41A | 7.47A | 7.53A | 7.59A |
| Voltage at Maximum Power (V _{mpp}) | 34.88V | 35.10V | 35.32V | 35.53V | 35.74V |
| Current at Maximum Power (I _{mpp}) | 6.91A | 6.98A | 7.05A | 7.12A | 7.19A |

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 | 72(6x12) |
| Module dimensions | 1956*992*30MM |
| Weight | 19kg |
| 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 |

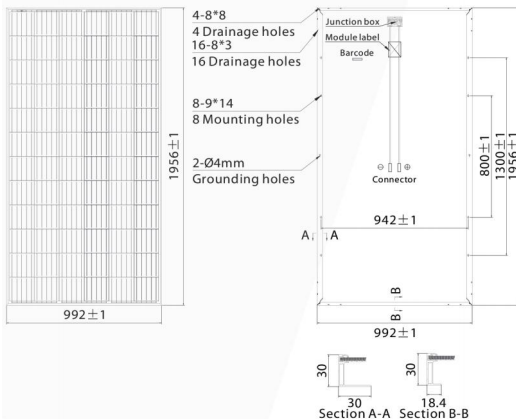
TEMPERATURE CHARACTERISTICS

| | |
|--|-----------|
| 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 |

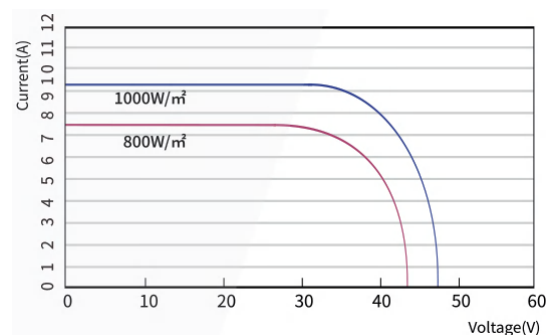
PACKAGING

| | |
|-----------------------------------|--------------|
| Standard packaging | 36pcs/pallet |
| Module quantity per 20' container | 400pcs |
| Module quantity per 40' container | 960pcs(HQ) |

ENGINEERING DRAWINGS



Electrical Performance & Temperature Dependence



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