

# GKA36P 20-70 Watt

POLY CRYSTALLINE MODULE

5BB  
156.75mm

**GAMKO**  
SOLAR

## 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.



### PID Resistance:

GAMKO modules pass PID test, limited power degradation by PID test is guaranteed for mass production.



### Low-light Performance:

Advanced glass and surface texturing allow for excellent performance in low-light environments.



### Severe Weather Resilience:

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



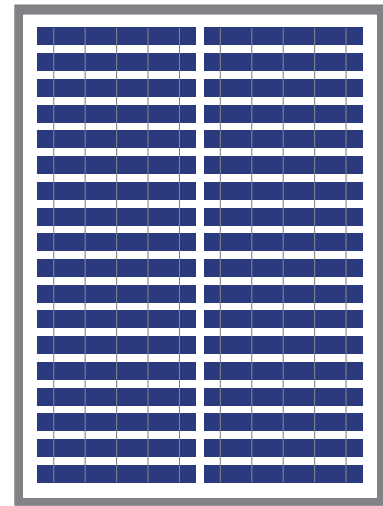
### Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

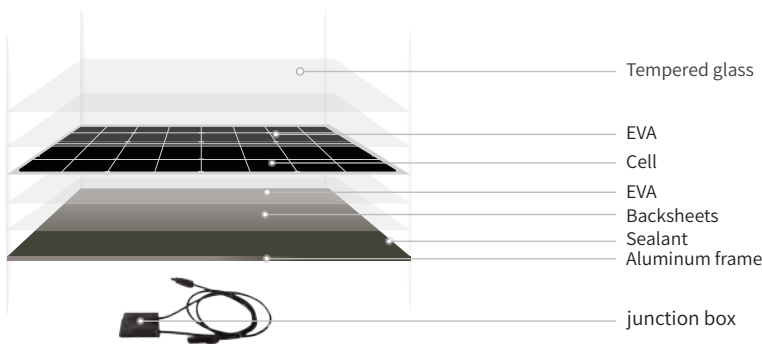


### Temperature Coefficient:

Improved temperature coefficient decreases power loss during high temperatures.



**GKA36P20**



## GAMKO SOLAR MODULE BOM

**CELLS:** TIER 1 BRANDS SOLAR CELLS

**TEMPERED GLASS:** ULTRA-CLEAR

**EVA:** TRANSPARENCY > 93%

**BACKSHEETS:** REFLECTIVITY > 80%, TPT

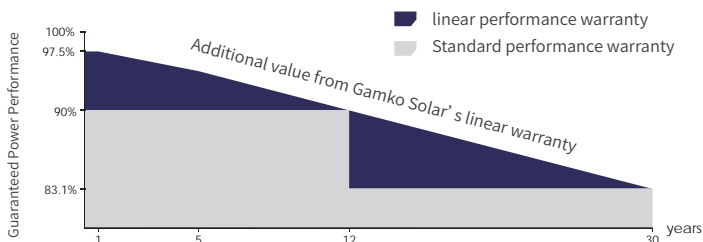
**JUNCTION BOX:** IP65/IP67 MAX 30A

**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.

# GKA36P 20-70 Watt

POLY CRYSTALLINE MODULE

5BB  
156.75mm

**GAMKO**  
SOLAR

## ELECTRICAL CHARACTERISTICS AT STC

	20W	30W	40W	50W	60W	70W
Nominal Power (P <sub>max</sub> )	20W	30W	40W	50W	60W	70W
Open Circuit Voltage (V <sub>oc</sub> )	21.2V	21.2V	21.5V	22.0V	22.2V	24.4V
Short Circuit Current (I <sub>sc</sub> )	1.20A	1.80A	2.38A	2.90A	3.45A	3.66A
Voltage at Nominal Power (V <sub>mp</sub> )	17.4V	17.4V	17.6V	18.0V	18.2V	20.0V
Current at Nominal Power (I <sub>mp</sub> )	1.15A	1.72A	2.27A	2.78A	3.30A	3.50A
Module Efficiency (%)	13.18%	10.44%	13.92%	13.82%	16.58%	17.41%
Operating Temperature	-40°C to +85°C					
Maximum System Voltage	1000VDC (IEC)/600VDC(UL)					
Fire Resistance Rating	Type 1(in accordance with 1703)/Class C(IEC61730)					
Maximum Series Fuse Rating	15A					

\*STC: Irradiance 1000W/m<sup>2</sup> , Cell temperature 25°C, AM1.5 , Power Tolerance 0~+3%

## SIZE AND PACKING

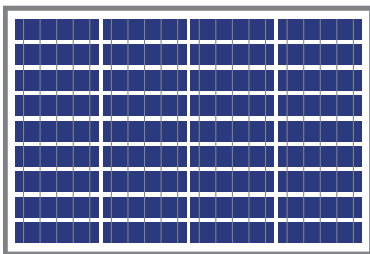
	Cells Size	Number Of Cells	Dimension	Weight	20GP	40GP	40HQ
GKA36P20	17*156.75mm	36(18x2)	430*353*20mm	1.95kg	5244pcs	10488pcs	11914pcs
GKA36P30	39*156.75mm	36(9x4)	429*670*25mm	2.9kg	2215pcs	4431pcs	5033pcs
GKA36P40	39*156.75mm	36(9x4)	429*670*25mm	3.9kg	2215pcs	4431pcs	5033pcs
GKA36P50	52*156.75mm	36(9x4)	540*670*25mm	4.5kg	1760pcs	3520pcs	3999pcs
GKA36P60	52*156.75mm	36(9x4)	540*670*25mm	4.7kg	1760pcs	3520pcs	3999pcs
GKA40P70	52*156.75mm	40(10x4)	600*670*30mm	5.8kg	1320pcs	2640pcs	2999pcs

## MECHANICAL CHARACTERISTICS

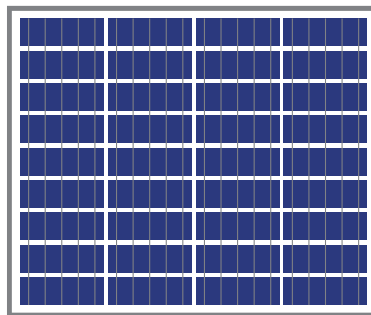
Front cover	3.2mm, Anti-Reflection Coating, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Cable	TÜV 1×4.0mm <sup>2</sup>
Connector	PV Connector (compatible)

## TEMPERATURE CHARACTERISTICS

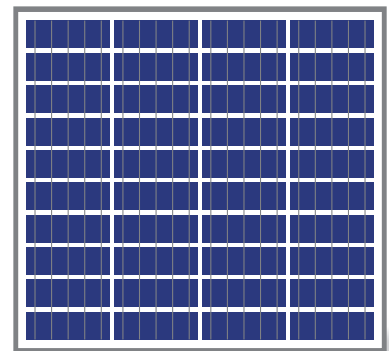
Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature Coefficients of P <sub>max</sub>	-0.40%/°C
Temperature Coefficients of V <sub>oc</sub>	-0.30%/°C
Temperature Coefficients of I <sub>sc</sub>	0.06%/°C



**GKA36P30-40**



**GKA36P50-60**



**GKA40P70**

GAMKO solar and GAMKO solar logo denoted with ® are registered trademarks of Nantong Gamko New Energy Co., Ltd.