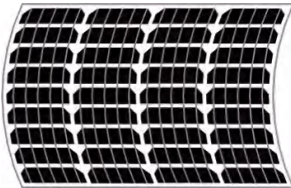
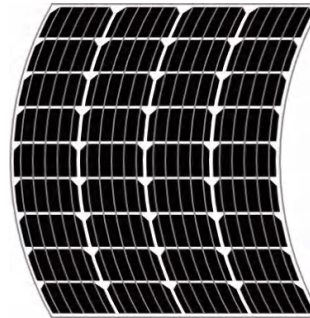


**GKA157F36S**  
50W-300W



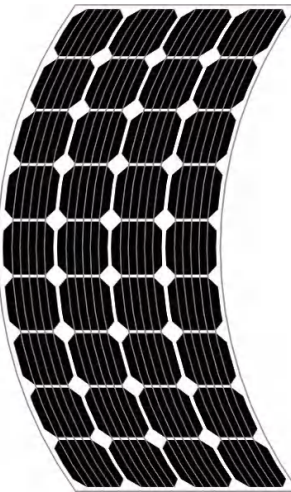
**Electrical Parameters STC**

Model	GKA157F50W
Rated Maximum Power at STC	50W
Maximum Power Voltage (Vmp)	18.05V
Maximum Power Current (Imp)	2.77A
Open Circuit Voltage (Voc)	21.66V
Short Circuit Current (Isc)	2.91A
Dimension	546X670X25mm
Net Weight	0.9kg
Efficiency	13.67%
Cell Efficiency	21.50%
Cell Structure	1/4*4*9



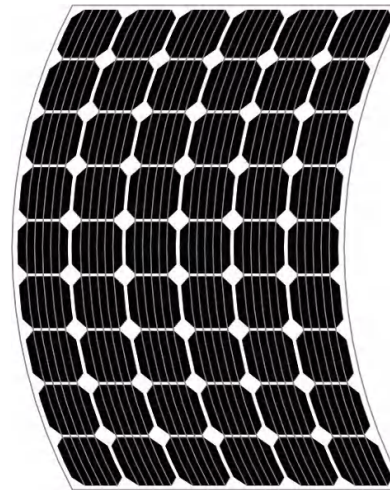
**Electrical Parameters STC**

Model	GKA157F90W
Rated Maximum Power at STC	90W
Maximum Power Voltage (Vmp)	18.11V
Maximum Power Current (Imp)	4.97A
Open Circuit Voltage (Voc)	21.73V
Short Circuit Current (Isc)	5.22A
Dimension	780X670X25mm
Net Weight	1.4kg
Efficiency	17.22%
Cell Efficiency	21.50%
Cell Structure	1/2*4*9



**Electrical Parameters STC**

Model	GKA157F190W
Rated Maximum Power at STC	190W
Maximum Power Voltage (Vmp)	18.93V
Maximum Power Current (Imp)	10.04A
Open Circuit Voltage (Voc)	22.72V
Short Circuit Current (Isc)	10.54A
Dimension	1480X670X30mm
Net Weight	2.7kg
Efficiency	19.16%
Cell Efficiency	21.50%
Cell Structure	4*9



**Electrical Parameters STC**

Model	GKA157F300W
Rated Maximum Power at STC	300W
Maximum Power Voltage (Vmp)	27.94V
Maximum Power Current (Imp)	10.74A
Open Circuit Voltage (Voc)	33.53V
Short Circuit Current (Isc)	11.27A
Dimension	1480X992X30mm
Net Weight	4.0kg
Efficiency	20.43%
Cell Efficiency	21.50%
Cell Structure	6*9

STC: Irradiance 1000W/m2, Cell temperature 25°C, AM1.5; Tolerance of Pmax: ±3%; Measurement Tolerance: ±3%, Pmax According Gamko's official and strictly testing.

★ **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 15A
- SILICON GEL: UV,AGING-RESISTANT
- FRAME: ANODIZED ALUMINUM 6005-T5

★ **WORKING CONDITIONS**

MAXIMUM SYSTEM VOLTAGE	DC 1000V(IEC)
OPERATING TEMPERATURE	-40°C~+85°C
MAXIMUM SERIES FUSE	15A
NOCT	45+2°C
APPLICATION CLASS	CLASS A

★ **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.

