

Gokin

GBC Module with Single Glass (Preliminary)
Full-screen GK-3-72HGF

650-670W



Full-screen



High Efficiency



Anti-fire



Anti-covering



15 Years Product Warranty



30 Years Linear Power Warranty



24.8%

Module Efficiency up to

≤1% First-year Degradation

≤0.35% Annual Degradation

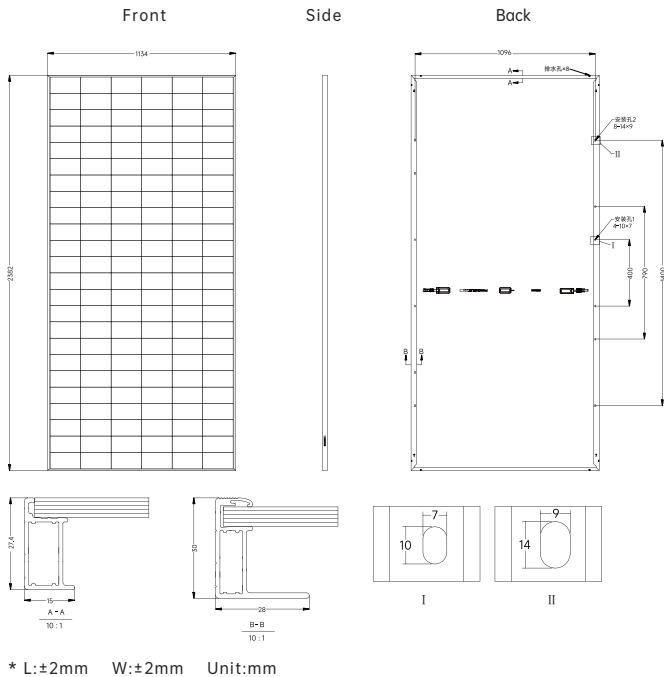


- Operating Temperature -40°C ~ +85°C
- Power Tolerance 0~+3%
- Junction Box IP68
- NOCT 45±2°C
- Maximum Series Fuse Rating 25A
- Maximum System Voltage 1500V(IEC)

Mechanical Parameters

Cell Type	GBC
No. of cells	144 (6×24)
Glass	3.2 mm tempered glass
Frame	Anodized aluminum
Output Cables	TüV 1×4mm², (+)300mm, (-)200mm or Customized Length
Weight	28.1kg (61.95lbs)
Dimension	2382×1134×30mm
Connector	MC4 Compatible/MC4-Evo2
Packaging	37 pcs per pallet 148 pcs per 20' GP, 740 pcs per 40' HC
Protection Class	Class II
Fire Rating	IEC Class C

Engineering Drawings

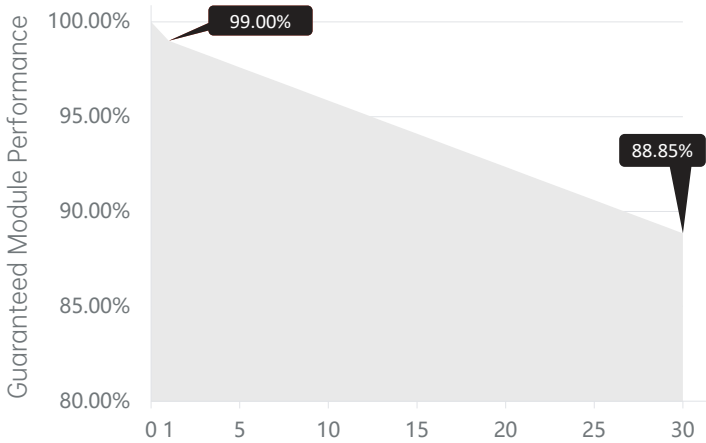


Electrical Characteristics (STC Test)

Module Type	GK-3-72HGF-650M		GK-3-72HGF-655M		GK-3-72HGF-660M		GK-3-72HGF-665M		GK-3-72HGF-670M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	650	490	655	494	660	498	665	502	670	506
Open-circuit Voltage (Voc/V)	53.87	50.40	53.97	50.50	54.07	50.60	54.17	50.70	54.27	50.80
Maximum Power Voltage (Vmp/V)	45.21	36.40	45.30	36.50	45.39	36.60	45.48	36.70	45.57	36.80
Short-circuit Current (Isc/A)	15.13	12.20	15.17	12.20	15.21	12.20	15.25	12.30	15.29	12.30
Maximum Power Current (Imp/A)	14.42	13.50	14.51	13.50	14.60	13.60	14.69	13.70	14.78	13.70
Module Efficiency (%)	24.1		24.2		24.4		24.6		24.8	

1、STC: Irradiance 1000W/M², Cell Temperature 25°C, AM=1.5

2、NOCT: Irradiance 800W/M², Ambient Temperature 20°C, AM=1.5, Wind Speed 1M/S



Temperature Ratings (STC)

Temperature Coefficient of Isc	+0.05%/°C
Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Pmax	-0.26%/°C

Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25 mm diameter hail at 23 m/s

