

Gokin

GBC Module with Dual Glass
Full-screen GK-3-72HGFBD

660-670W



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

30A
- Bifacial Factor

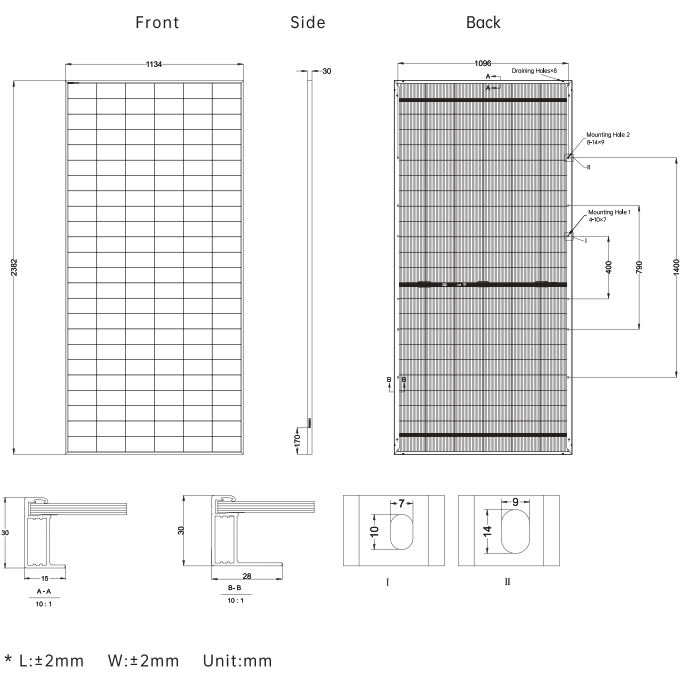
70±5%
- Maximum System Voltage

1500V(IEC)

Mechanical Parameters

Cell Type	GBC
No. of cells	144 (6×24)
Glass	Dual glass, 2.0+2.0mm Heat Strengthened Glass
Frame	Anodized aluminum
Output Cables	TüV 1×4mm², (+)300mm, (-)200mm or Customized Length
Weight	32.1kg (70.77lbs)
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

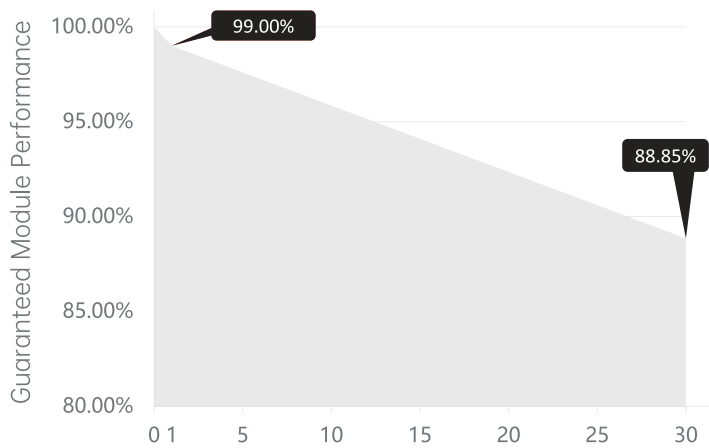
Engineering Drawings



Electrical Characteristics (STC Test)

Module Type	GK-3-72HGFBD-660M		GK-3-72HGFBD-665M		GK-3-72HGFBD-670M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	660	500	665	504	670	508
Open-circuit Voltage (Voc/V)	54.20	51.42	54.40	51.61	54.60	51.80
Maximum Power Voltage (Vmp/V)	45.50	43.17	45.60	43.26	45.70	43.36
Short-circuit Current (Isc/A)	15.18	12.27	15.24	12.31	15.30	12.36
Maximum Power Current (Imp/A)	14.51	11.60	14.59	11.66	14.67	11.72
Module Efficiency (%)	24.4		24.6		24.8	

1、STC: Irradiance 1000W/M², Cell Temperature25°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