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

TÜVRheinland CERTIFIED

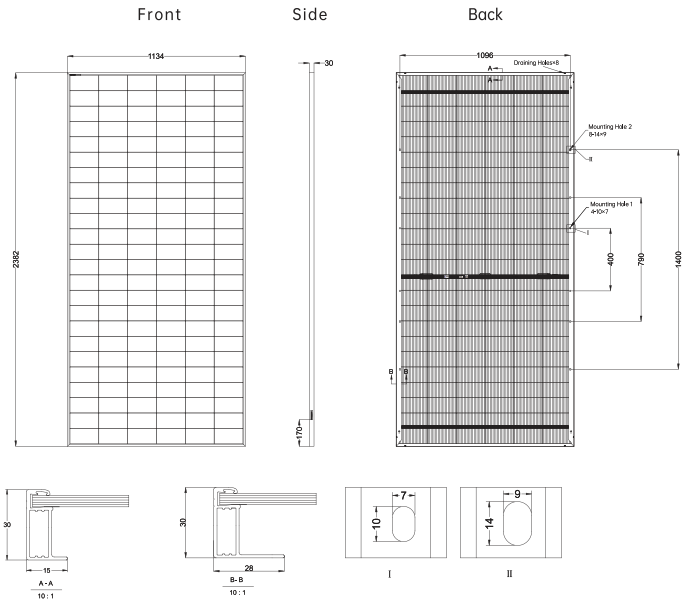
CE

- 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

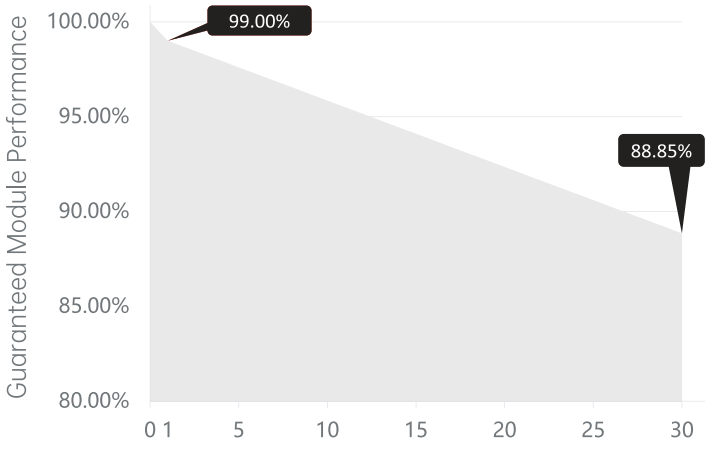


* L:±2mm W:±2mm Unit:mm

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



Temperature Ratings (STC)

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

Mechanical Loading

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

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GK-3-72HGFBD-SF-DG-F1 EN

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Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation. The specifications in this datasheet are subject to change without notice.

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