Gokin

GBC Module with Dual Glass Full-cell GK-4-66HGBD

645-670W

High Power

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

HW3 certified

TÜVRheinland CERTIFIED

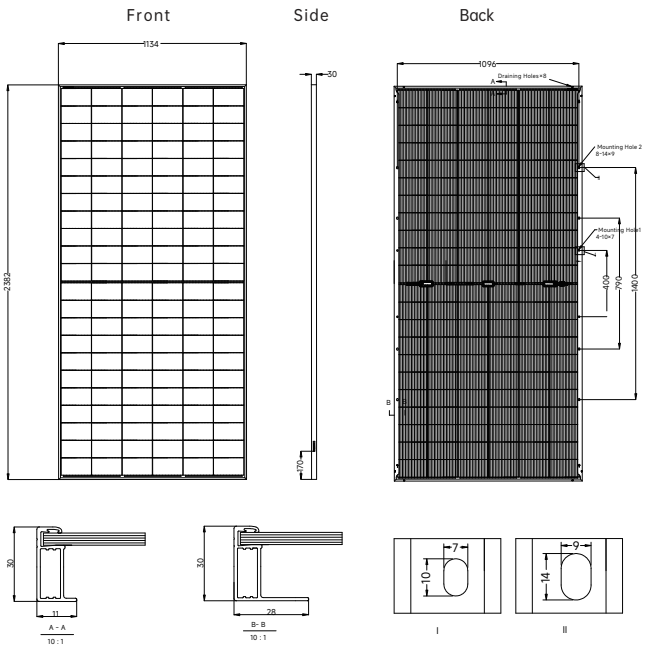
CE

- Operating Temperature -40°C ~ +70°C
- Power Tolerance 0~+3%
- Junction Box IP68
- NOCT 45±2°C
- Maximum Series Fuse Rating 35A
- Maximum System Voltage 1500V(IEC)
- Bifacial Factor 80±5%

Mechanical Parameters

Cell Type	GBC
No. of cells	132 (6×22)
Glass	Dual glass, 2.0+2.0mm Heat Strengthened Glass
Frame	Anodized aluminum
Output Cables	TüV 1×4mm, (+)300mm, (-)200mm or Customized Length
Weight	32.3kg (71.21lbs)
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

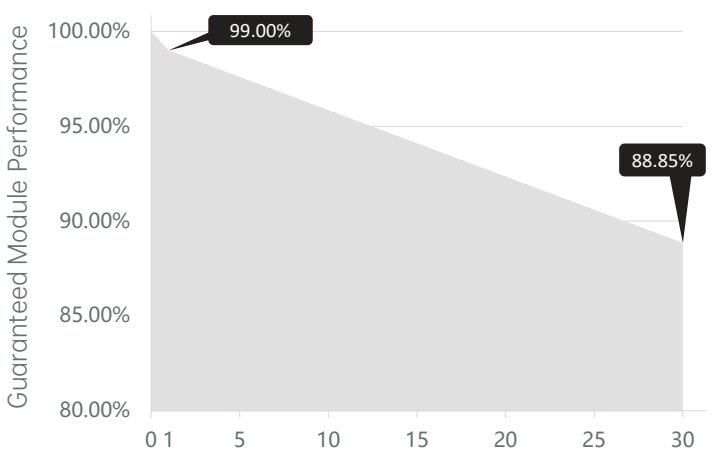


* L:±2mm W:±2mm Unit:mm

Electrical Characteristics (STC Test)

Module Type	GK-4-66HGBD-645M		GK-4-66HGBD-650M		GK-4-66HGBD-655M		GK-4-66HGBD-660M		GK-4-66HGBD-665M		GK-4-66HGBD-670M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	645	491	650	495	655	499	660	503	665	507	670	511
Open-circuit Voltage (Voc/V)	49.60	47.42	49.70	47.52	49.80	47.62	49.90	47.72	50.00	47.82	50.10	47.91
Maximum Power Voltage (Vmp/V)	40.60	38.88	40.69	38.98	40.80	39.08	40.90	39.18	41.00	39.28	41.11	39.38
Short-circuit Current (Isc/A)	16.55	13.36	16.64	13.42	16.72	13.48	16.80	13.54	16.88	13.60	16.96	13.66
Maximum Power Current (Imp/A)	15.89	12.64	15.98	12.71	16.06	12.77	16.14	12.83	16.22	12.90	16.30	12.96
Module Efficiency (%)	**23.8**		**24.0**		**24.2**		**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-4-66HGBD-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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