

Gokin

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

655-690W

-  Superior Temperature coefficient
-  Higher Generated Energy
-  Full-screen Technology
-  Lower BOS
-  Excellent Micro-crack Resistance
-  High Temperature Restriction
-  Partial Shading Optimisation
-  Extraordinary Aesthetic Design

25.5%

Module Efficiency up to

≤1% First-year Degradation

≤0.35% Annual Degradation



Product Warranty



Linear Power Warranty

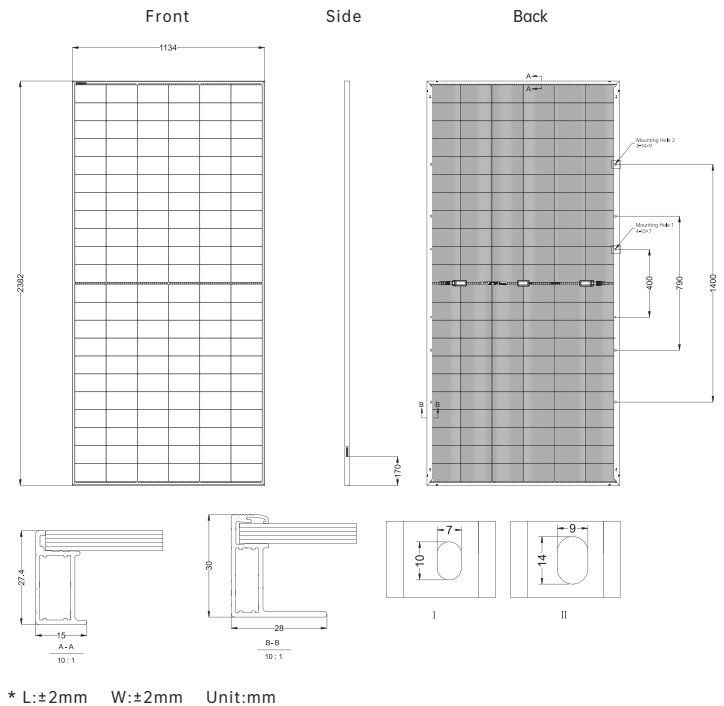


- Operating Temperature -40°C ~ +85°C
- Power Tolerance 0~+3%
- Junction Box IP68
- NOCT 45±2°C
- Maximum Series Fuse Rating 30A
- Bifacial Factor 70±5%
- Maximum System Voltage 1500V(IEC)

Mechanical Parameters

Cell Type	GBC
No. of cells	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	33.5kg
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

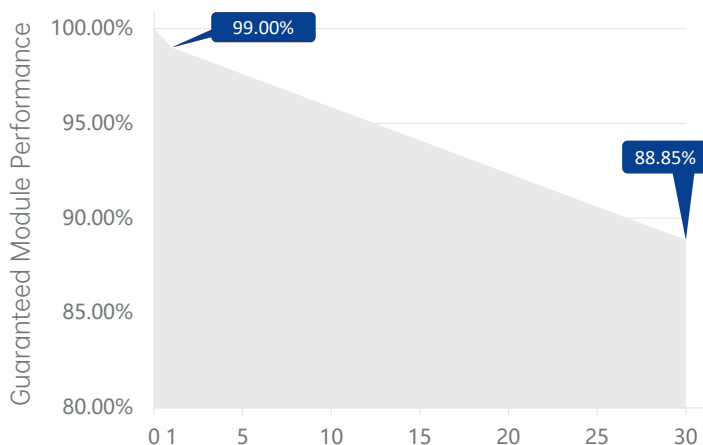


Electrical Characteristics (STC Test)

Module Type	GK-4-66HGBD-655M		GK-4-66HGBD-660M		GK-4-66HGBD-665M		GK-4-66HGBD-670M		GK-4-66HGBD-675M		GK-4-66HGBD-680M		GK-4-66HGBD-685M		GK-4-66HGBD-690M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	655	499	660	503	665	507	670	511	675	514	680	518	685	522	690	525
Open-circuit Voltage (Voc/V)	49.80	47.62	49.90	47.72	50.00	47.82	50.10	47.91	50.20	48.01	50.30	48.10	50.40	48.2	50.50	48.29
Maximum Power Voltage (Vmp/V)	40.80	39.08	40.90	39.18	41.00	39.27	41.11	39.37	41.21	39.46	41.32	39.56	41.43	39.65	41.53	39.75
Short-circuit Current (Isc/A)	16.72	13.48	16.80	13.54	16.88	13.60	16.96	13.66	17.04	13.71	17.12	13.77	17.2	13.82	17.28	13.88
Maximum Power Current (Imp/A)	16.06	12.76	16.14	12.83	16.22	12.90	16.30	12.97	16.38	13.03	16.46	13.09	16.54	13.16	16.62	13.22
Module Efficiency (%)	24.2%		24.4%		24.6%		24.8%		25.0%		25.2%		25.4%		25.5%	

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