

Gokin

GBC Module with Dual Glass
GK-4-78HGBD

760-780W



High Power



High Efficiency



Anti-fire



Anti-covering



15 Years Product Warranty



30 Years Linear Power Warranty



24.3%

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

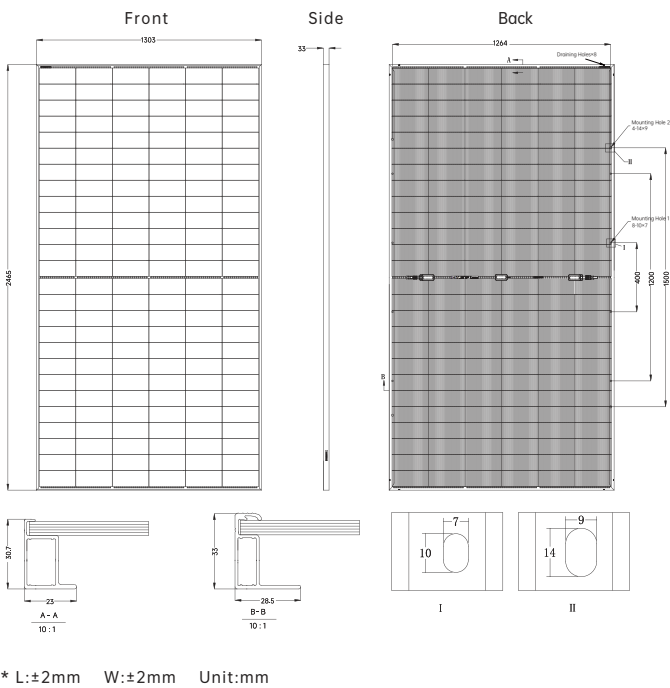
70±5%
- Maximum System Voltage

1500V(IEC)

Mechanical Parameters

Cell Type	GBC
No. of cells	156 (6×26)
Glass	Dual glass, 2.0+2.0mm coated semi tempered glass
Frame	Anodized aluminum
Output Cables	TüV 1×4mm², (+)300mm, (-)200mm or Customized Length
Weight	38.7kg (85.32lbs)
Dimension	2465×1303×33mm
Connector	MC4 Compatible
Packaging	33 pcs per pallet 132 pcs per 20' GP, 264 pcs per 40' HC
Protection Class	Class II
Fire Rating	IEC Class C

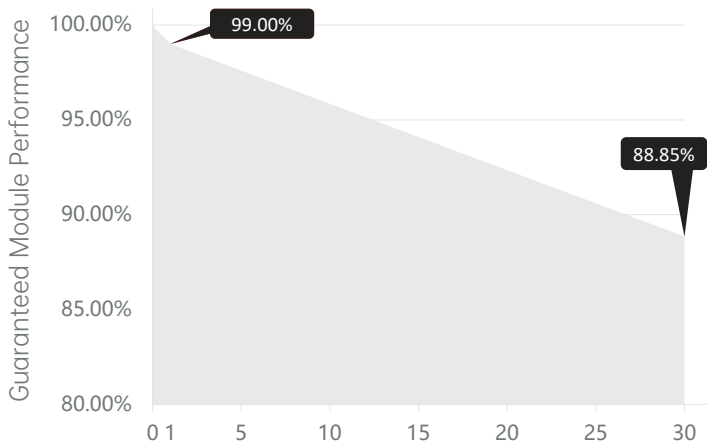
Engineering Drawings



Electrical Characteristics (STC Test)

Module Type	GK-4-78HGBD-760M		GK-4-78HGBD-765M		GK-4-78HGBD-770M		GK-4-78HGBD-775M		GK-4-78HGBD-780M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	760	576	765	580	770	584	775	588	780	592
Open-circuit Voltage (Voc/V)	58.52	55.49	58.62	55.58	58.72	55.68	58.82	55.77	58.92	55.87
Maximum Power Voltage (Vmp/V)	48.57	46.17	48.67	46.27	48.77	46.36	48.87	46.46	48.97	46.55
Short-circuit Current (Isc/A)	16.50	13.28	16.57	13.34	16.64	13.40	16.71	13.46	16.78	13.53
Maximum Power Current (Imp/A)	15.65	12.48	15.72	12.54	15.79	12.60	15.86	12.65	15.93	12.71
Module Efficiency (%)	23.7		23.8		24.0		24.1		24.3	

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