

Gokin

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

650-660W



High Power



High Efficiency



Anti-fire



Anti-covering



15 Years Product Warranty



30 Years Linear Power Warranty



24.4%

Module Efficiency up to

≤1% First-year Degradation

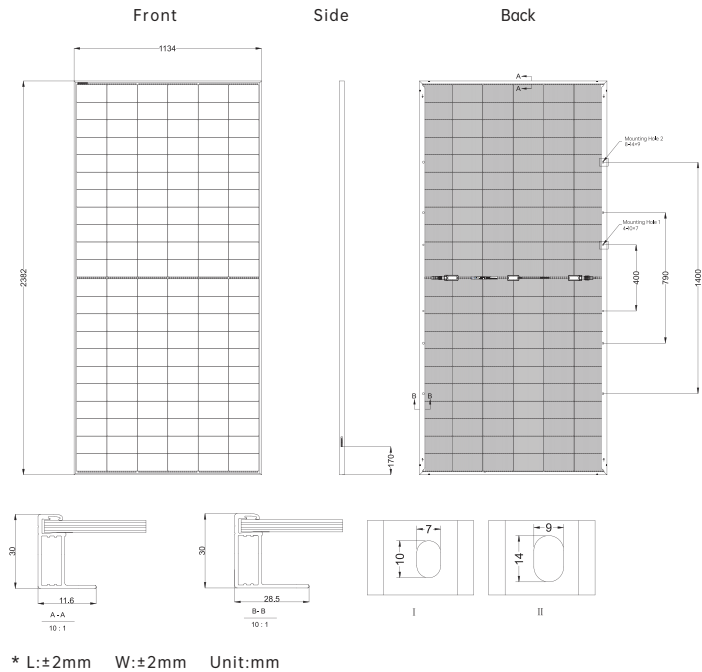
≤0.35% Annual Degradation



Mechanical Parameters

Bifacial Factor	80±5%
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	Staubli Electrical Connectors AG – MC4 EVO2 Series PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy
Packaging	37 pcs per pallet 148 pcs per 20' GP, 740 pcs per 40' HC
Packaging	IEC Class C

Engineering Drawings



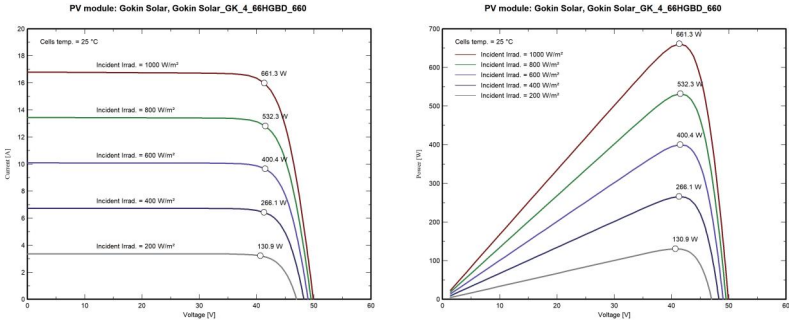
Electrical Characteristics (STC Test)

Module Type	GK-4-66HGBD-650M			GK-4-66HGBD-655M			GK-4-66HGBD-660M		
Testing Condition	STC	BNPI	BSI	STC	BNPI	BSI	STC	BNPI	BSI
Maximum Power (Pmax/W)	650	700	/	655	705	/	660	710	/
Open-circuit Voltage (Voc/V)	49.70	49.70	/	49.80	49.80	/	49.90	49.90	/
Maximum Power Voltage (Vmp/V)	40.69	40.70	/	40.80	40.80	/	40.90	40.90	/
Short-circuit Current (Isc/A)	16.64	18.23	18.86	16.72	18.29	18.91	16.80	18.35	18.96
Maximum Power Current (Imp/A)	15.98	17.20	/	16.06	17.28	/	16.14	17.36	/
Module Efficiency (%)	24.1			24.2			24.4		

1. STC: Irradiance 1000W/M², Cell Temperature25°C, AM=1.5; 2. BNPI: Irradiance of front 1000W/M², rear 135W/M²; 3. BSI: Irradiance of front 1000W/M², rear 300W/M²

Working Parameters

T ₉₈ max	70°C
Operating Temperature	-40°C~+70°C
Maximum Series Fuse Rating	35A
Protection Class	Class II
Power Binning Tolerance	-5~+10W
P _{max} and V _{oc} and I _{sc} Tolerance	±3%
Maximum System Voltage	1500V(IEC)
Mechanical Loading	5400Pa Front Side Max Static Test Load 2400Pa Rear Side Max Static Test Load
Hail Test	25mm hailstone at 23m/s
Junction Box	IP68



Temperature Ratings (STC)

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