

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

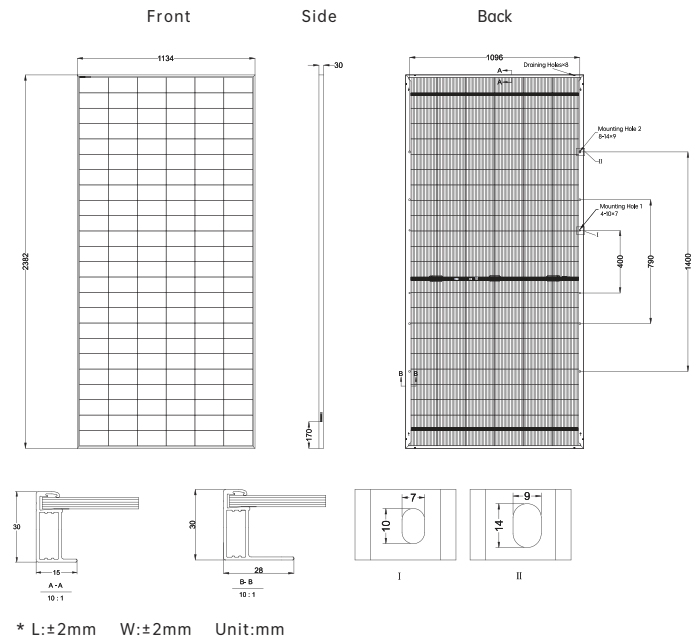
≤0.35% Annual Degradation



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	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
Fire Rating	IEC Class C

Engineering Drawings



Electrical Characteristics (STC Test)

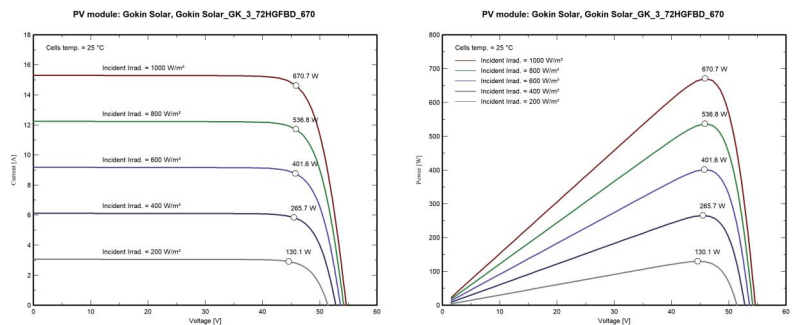
$\varphi_{Voc}=100\%\pm5\%$, $\varphi_{Isc}=40\%\pm5\%$, $\varphi_{Pmax}=40\%\pm5\%$

Module Type	GK-3-72HGFBF-660M			GK-3-72HGFBF-665M			GK-3-72HGFBF-670M		
Testing Condition	STC	BNPI	BSI	STC	BNPI	BSI	STC	BNPI	BSI
Maximum Power (Pmax/W)	660	695	/	665	700	/	670	705	/
Open-circuit Voltage (Voc/V)	54.20	54.20	/	54.30	54.30	/	54.40	54.40	/
Maximum Power Voltage (Vmp/V)	45.50	45.50	/	45.60	45.60	/	45.70	45.70	/
Short-circuit Current (Isc/A)	15.49	16.00	17.99	15.55	16.06	18.04	15.61	16.12	18.09
Maximum Power Current (Imp/A)	14.51	15.28	/	14.59	15.36	/	14.67	15.43	/
Module Efficiency (%)	24.4			24.6			24.8		

1. STC: Irradiance 1000W/M², Cell Temperature 25°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	30A
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

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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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GK-3-72HGFBF-SF-DG-CEC