

Gokin

GBC Module with Single Glass
Full-screen GK-3-72HGF

650-670W



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

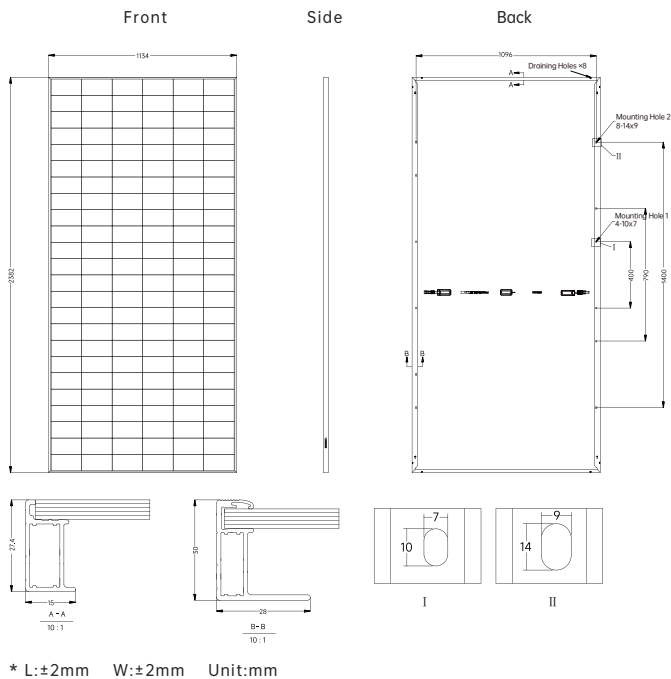


- Operating Temperature **-40°C ~ +85°C**
- Power Tolerance **0~+3%**
- Junction Box **IP68**
- NOCT **45±2°C**
- Maximum Series Fuse Rating **25A**
- Maximum System Voltage **1500V(IEC)**

Mechanical Parameters

Cell Type	GBC
No. of cells	144 (6×24)
Glass	3.2 mm tempered glass
Frame	Anodized aluminum
Output Cables	TüV 1×4mm², (+)300mm, (-)200mm or Customized Length
Weight	28.1kg (61.95lbs)
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

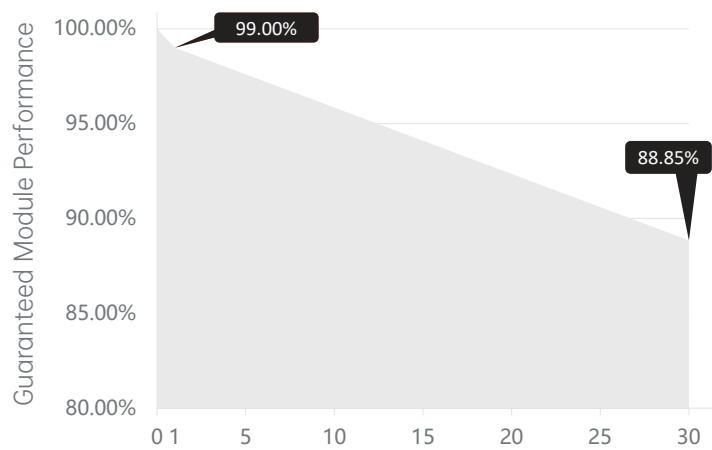
Engineering Drawings



Electrical Characteristics (STC Test)

Module Type	GK-3-72HGF-650M		GK-3-72HGF-655M		GK-3-72HGF-660M		GK-3-72HGF-665M		GK-3-72HGF-670M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	650	490	655	494	660	498	665	502	670	506
Open-circuit Voltage (Voc/V)	54.10	51.06	54.20	51.16	54.30	51.26	54.40	51.36	54.50	51.46
Maximum Power Voltage (Vmp/V)	45.33	42.84	45.43	42.94	45.52	43.04	45.62	43.14	45.71	43.25
Short-circuit Current (Isc/A)	15.11	12.22	15.17	12.27	15.23	12.32	15.29	12.37	15.35	12.42
Maximum Power Current (Imp/A)	14.34	11.46	14.42	11.52	14.50	11.58	14.58	11.64	14.66	11.70
Module Efficiency (%)	24.1		24.2		24.4		24.6		24.8	

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