

Gokin

GBC Module with Dual Glass All Black
GK-5-54HGDb

445-485W



⚡ Higher Generated Energy

⚙️ Higher Reliability

💰 Lower BOS



🛡️ Excellent Micro-crack Resistance



☀️ High Temperature Restriction



☁️ Partial Shading Optimisation



🎨 Extraordinary Aesthetic Design

24.3%

First-year Degradation

Annual Degradation

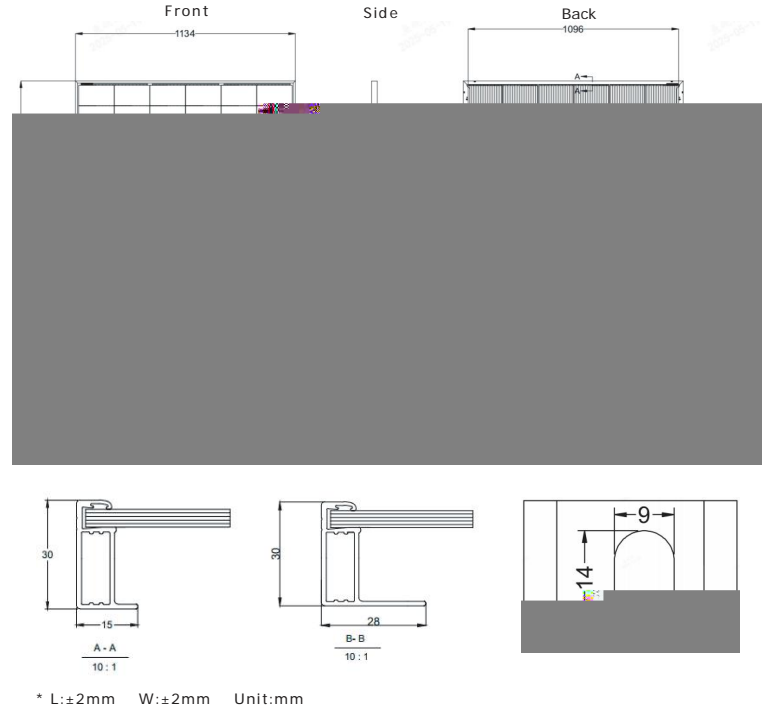


Product Warranty Linear Power W



- Operating Temperature **-40°C ~ +85°C**
- Power Tolerance **0~+3%**
- Junction Box **IP68**
- NOCT **45±2°C**
- Maximum Series Fuse Rating **25A**
- Bifacial Factor **70±5%**
- Maximum System Voltage **1500V(IEC)**

Cell Type	GBC
No. of cells	
Glass	Dual glass, 2.0 + 2.0mm coated semi tempered glass
Frame	Black anodized aluminum
Output Cables	or Customized Length
Weight	
Dimension	
Connector	MC4 Compatible/MC4-Evo2
Packaging	37 pcs per pallet 222 pcs per 20' GP 962 pcs per 40' HC
Protection Class	
Fire Rating	

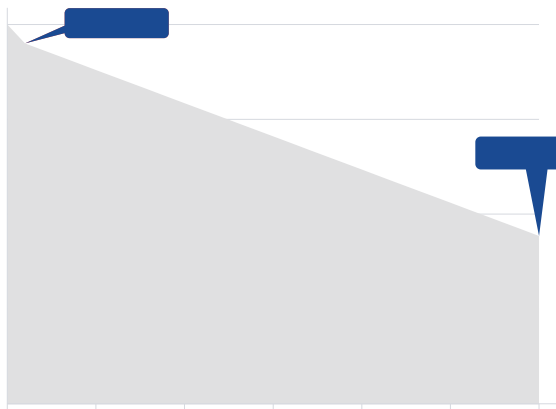


Module Type	GK-5-54HGDb -445M		GK-5-54HGDb -450M		GK-5-54HGDb -455M		GK-5-54HGDb -460M		GK-5-54HGDb -465M		GK-5-54HGDb -470M		GK-5-54HGDb -475M		GK-5-54HGDb -480M		GK-5-54HGDb -485M		
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Testing Condition																			
Maximum Power (Pmax/W)	445	335	450	339	455	343	460	346	465	350	470	354	475	358	480	362	485	366	
	40.88	38.60	40.94	38.66	41.00	38.72	41.06	38.77	41.12	38.83	41.18	38.89	41.24	38.95	41.30	39.01	41.36	39.07	
	34.44	32.52	34.50	32.58	34.56	32.64	34.62	32.69	34.68	32.75	34.74	32.81	34.80	32.86	34.86	32.92	34.92	32.98	
	14.02	11.34	14.12	11.42	14.22	11.50	14.25	11.52	14.29	11.55	14.32	11.58	14.36	11.62	14.41	11.66	14.47	11.70	
	12.93	10.32	13.05	10.41	13.17	10.51	13.29	10.61	13.41	10.71	13.54	10.80	13.66	10.90	13.78	11.00	13.90	11.10	

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

Guaranteed Module Performance



Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25 mm diameter hail at 23 m/s

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 Product data is updated as of Nov. 2024. Gokin Solar Co., Ltd. reserves the