

# Gokin

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



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



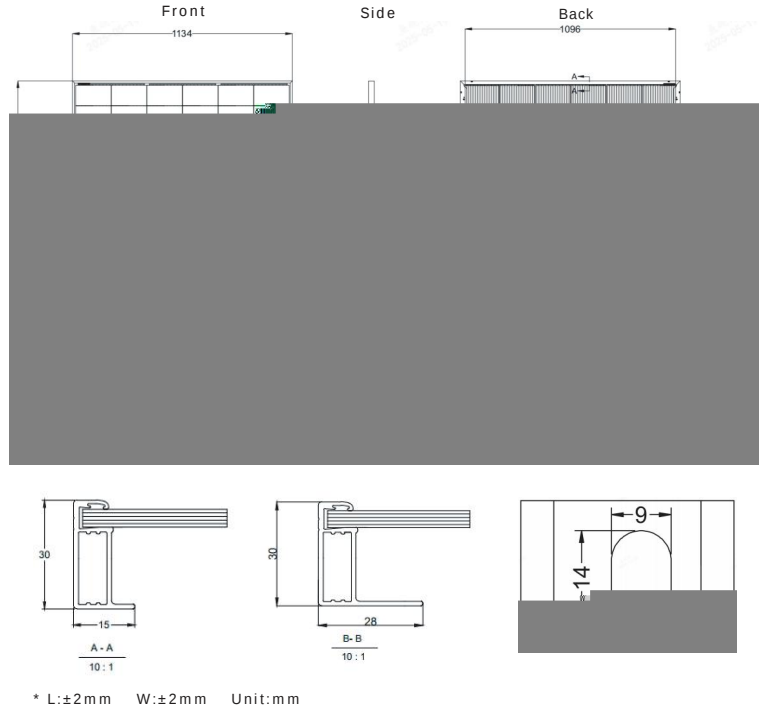
Product Warranty Linear Power



-40°C ~ +85°C

45±2°C

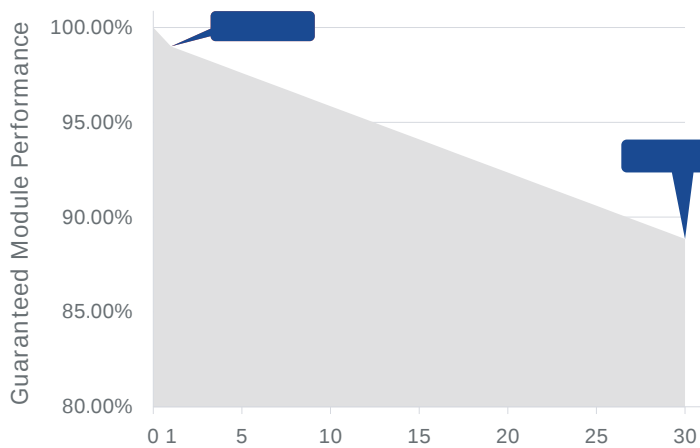
|                  |                                                            |
|------------------|------------------------------------------------------------|
| Cell Type        | GBC                                                        |
| No. of cells     |                                                            |
| 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<br>222 pcs per 20' GP 962 pcs per 40' HC |
| Protection Class |                                                            |
| Fire Rating      |                                                            |



| Module Type            | GK-5-54HGDb<br>-445M |       | GK-5-54HGDb<br>-450M |       | GK-5-54HGDb<br>-455M |       | GK-5-54HGDb<br>-460M |       | GK-5-54HGDb<br>-465M |       | GK-5-54HGDb<br>-470M |       | GK-5-54HGDb<br>-475M |       | GK-5-54HGDb<br>-480M |       | GK-5-54HGDb<br>-485M |       |
|------------------------|----------------------|-------|----------------------|-------|----------------------|-------|----------------------|-------|----------------------|-------|----------------------|-------|----------------------|-------|----------------------|-------|----------------------|-------|
| Testing Condition      | STC                  | NOCT  | STC                  | NOCT  | STC                  | NOCT  | STC                  | NOCT  | STC                  | NOCT  | STC                  | NOCT  | STC                  | NOCT  | STC                  | NOCT  | STC                  | NOCT  |
| 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/M<sup>2</sup>, Cell Temperature 25°C, AM=1.5

2 NOCT: Irradiance 800W/M<sup>2</sup>, Ambient Temperature 20°C, AM=1.5, Wind Speed 1M/S



|                                   |                               |
|-----------------------------------|-------------------------------|
| 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