

Gokin

Guarding time, your most
considerate "housekeeper"

GBC Residential Distributed

B C



About Gokin

Founded in 2019, Gokin Solar Co., Ltd. (hereinafter referred to as "Gokin Solar") focuses on photovoltaic green energy and is committed to becoming a benchmark enterprise in the global photovoltaic field.

With the mission of "Bring greater benefits to humanity through solar energy," the company has strategically deployed the core links of the photovoltaic industry chain. It has built three major business segments: monocrystalline silicon ingots/wafers, photovoltaic modules, and photovoltaic solar farms. Gokin Solar exports green photovoltaic products and solutions to the global market to promote the construction of a new energy system.



16GW

Annual planned
production capacity of PV
modules



7900+

Global employees



20.75 Billion+ RMB

Operating revenue in 2023



2 Billion+ RMB

Net profit for 2023

Gokin

Integration Expert
For Solar Solution

Resilient Against Wind and Rain, Providing Year-Round Protection

With Consistent Efficiency,
Adapting to Nature's Variability

Optimization of Power Generation Under Shaded Conditions

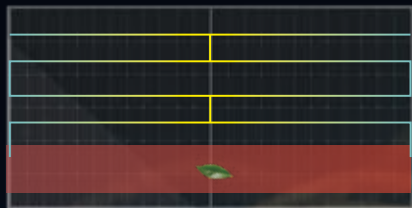
When a Single Solar Cell Is Fully Shaded, It Generates More Power Compared to Conventional Modules

30%

GBC Module

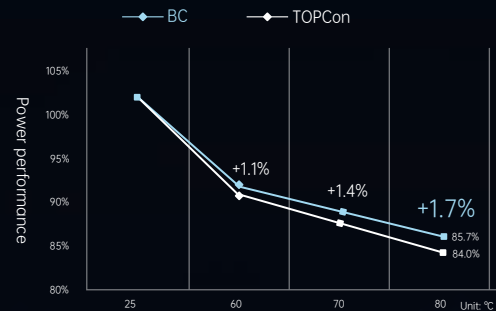


Conventional Modules



Superior Temperature Coefficient

The temperature coefficient of conventional modules is $-0.29\%/^{\circ}\text{C}$, while the temperature coefficient of GBC modules is $-0.26\%/^{\circ}\text{C}$. This means that for every 1°C increase in temperature, the power loss of GBC modules is 0.03% less than that of conventional modules.



Output power gain at different temperatures

Microcrack Resistant

The bonding strength between the GBC module and the solder strip is 3 to 4 times that of conventional modules, and even if it breaks, the current loss from the breakage is significantly lower than that of conventional modules.

High Temperature Suppression

The authoritative testing agency reports that the maximum temperature of GBC products is less than 100°C , eliminating fire hazards.



Higher Reliability



Outstanding Power Generation Efficiency in Shaded Conditions



Lower BOS Cost



Exceptional Quality with Aesthetic Design

Witnessing Growth Through Years of Tranquility

With Ultra-Low Degradation,
Shaping a Cleaner Future

Residential GBC Module Series:

GK-1-78HGBD (Domestic Residential)

GK-3-54HG (International Residential)

GK-1-60HG (International Residential)

24.5%

Maximum Conversion Efficiency

685W

Highest Module Power Output

Safety Certification



1.5% reduction in module degradation
over a 25-year cycle compared to
conventional module degradation
Lower Degradation Than Conventional
Modules

1.2%

≤1% First-year Degradation

≤0.35% Annual Degradation

Reduction in Module Degradation
Over a 30-Year Period Compared to
Conventional Modules Lower
Degradation Than Conventional
Modules

1.5%



Product Warranty Linear Power Warranty

The Gift of time, The Optimal Choice for Enhanced Value

Adapting Different Scenarios,
Empowering Thousands of Households

- **Shorter Payback** Period and **Higher Power Output** Drive Greater Profitability

Unit	GBC	TOPCon
Module Power	665W	635W
Quantity	40pcs	40pcs
Total Roof Power	26, 600W	25, 400W
Acquisition Unit Price by the Investor	¥3.5/W	¥3.5/W
Total Income	¥93, 100	¥88, 900
Additional revenue from GBC system compared to TOPCon system:	¥4, 200	



Bring Greater Benefits to Humanity Through Solar Energy

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