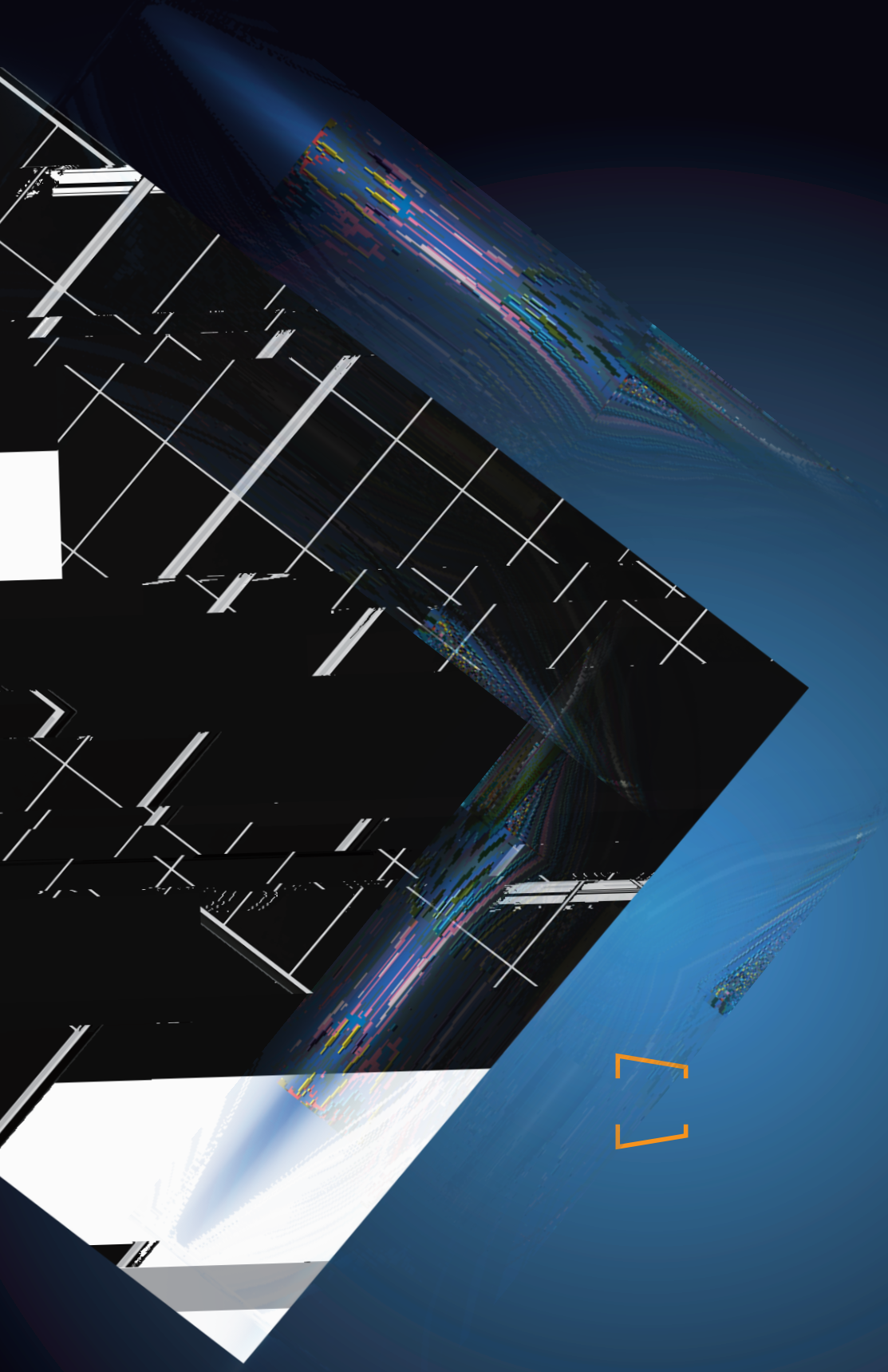
Gokin



Superior Temperature coefficient

Higher Generated Energy

Higher Reliability

Lower BOS

Excellent Micro-crack Resistance

High Temperature Restriction

Partial Shading Optimisation

Extraordinary Aesthetic Design

Module Efficiency up to

1% First-year Degradation

0.35% Annual Degradation

year
Product Warranty

30 year
Linear Power Warranty

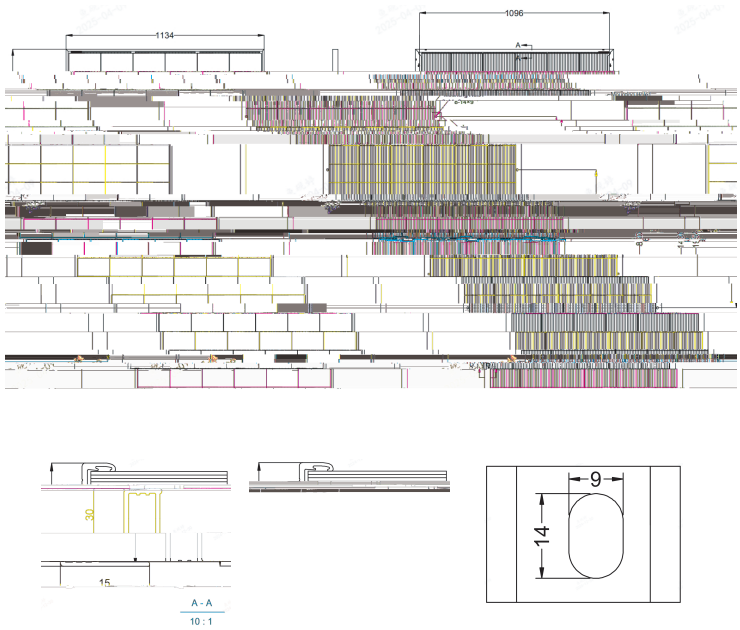
Made in China

-40°C ~ +85°C | 70°C | 45±2°C

Mechanical Parameters

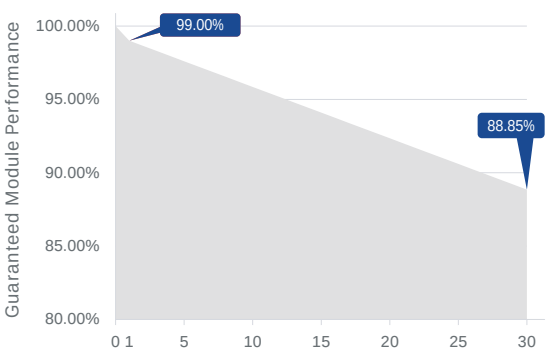
Cell Type	GBC
No. of cells	120 6×20
Glass	Dual glass, 2.0 + 2.0mm Heat Strengthened Glass
Frame	Anodized aluminum
Output Cables	TüV 1×4mm , (+)300mm, (-)200mm or Customized Length
Weight	27.0 kg (59.52 lbs)
Dimension	1954×1134×30mm
Connector	For details please refer to page3
Packaging	37 pcs per pallet 148 pcs per 20' GP 888 pcs per 40' HC
Protection Class	Class II
Fire Rating	IEC Class A

Engineering Drawings



Electrical Characteristics STC Test)

Module Type				φ	φ	φ
Testing Condition	STC	BNPI	BSI	STC	BNPI	BSI
Maximum Power (Pmax/W)	520	545	/	525	550	/
Open-circuit Voltage (Voc/V	45.42	45.42	/	45.52	45.52	/
Maximum Power Voltage (Vmp/V)	38.30	38.30	/	38.40	38.40	/
Short-circuit Current (Isc/A)	14.29	15.12	15.94	14.35	15.19	15.98
Maximum Power Current (Imp/A)	13.58	14.23	/	13.68	14.32	/
Module Efficiency (%)	23.5			23.7		

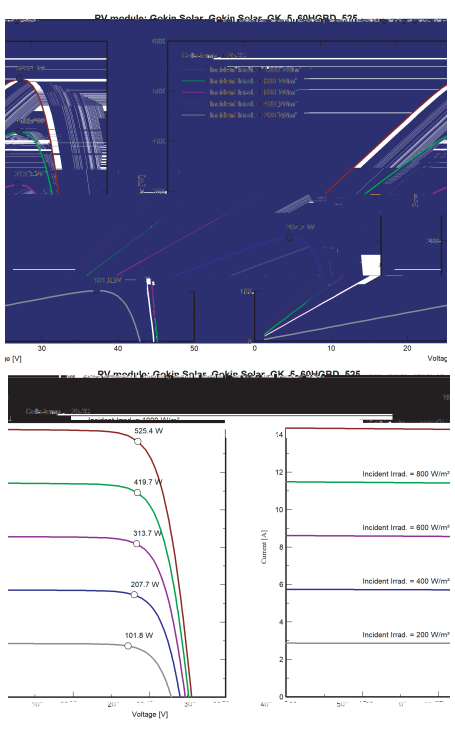


Temperature Ratings (STC)

Temperature Coefficient of Isc	+0.05%/
Temperature Coefficient of Voc	-0.22%/
Temperature Coefficient of Pmax	-0.26%/

Mechanical Test Load

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



Gokin

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* Product data is updated as of July, 2025. Gokin Solar Co., Ltd. reserves the right to change specifications.
* AU market only

Gokin

Wuxi Xinhongye Wire&Cable Co., Ltd.
Ningbo Kibor Wire&Cable Co., Ltd.
Ningbo Minghe New Energy Technology Co., Ltd.
Xinya Electronic Co., Ltd.
QC Solar(Suzhou) Corporation
RUIXU INDUSTRY CO., Ltd.
SUZHOU YONGHAO CABLE CO., LTD.
Jiangxi Jinko PV Material Co., Ltd.
Suzhou Xtong Photovoltaic Technologies Co., Ltd.

PV-MH5,Ningbo Minghe New Energy Technology Co., Ltd.
QC4.10-cds, QC Solar (Suzhou)Corporation
QC4.10-ab, QC Solar (Suzhou)Corporation
QC4, QC Solar (Suzhou)Corporation
T4-PPE-1;T4-PC-1, Changshu Tlian Co.,Ltd.
PV4-Syx&PV4-Slyx, Tyco Electronics Austria GmbH.
PV-KST4-EVO2/xy&PV-KBT4-EVO2/xy, Stäubli Electrical connectors AG
PV-KST4-EVO2A/xy&PV-KBT4-EVO2A/xy, Stäubli Electrical connectors AG
PV-JK03M/xy, Jiangxi Jinko PV Material Co., Ltd.
PV-JK03M1/xyz, Jiangxi Jinko PV Material Co., Ltd.
PV-JK03M2/xy, Jiangxi Jinko PV Material Co., Ltd.
PV-KST4-EVO2/xy_UR&PV-KBT4-EVO2/xy_UR, Stäubli Electrical connectors AG
PV-XT101.1;PV-XT101.2;XT2, Suzhou Xtong Photovoltaic Technologies Co.,Ltd
PV-GK01, Gokin Solar Co., Ltd.