Gokin

570-600W



Supreme Quality

Module efficiency up to 23.2% based on N-Type wafer and TOPCon technology

More power output in field operation due to better thermal behaviors, weak-light performance and bifaciality

Unsusceptible to LID, LeTID and less annual degradation due to special charateristics of N-Type

High module quality ensures long-term reliability

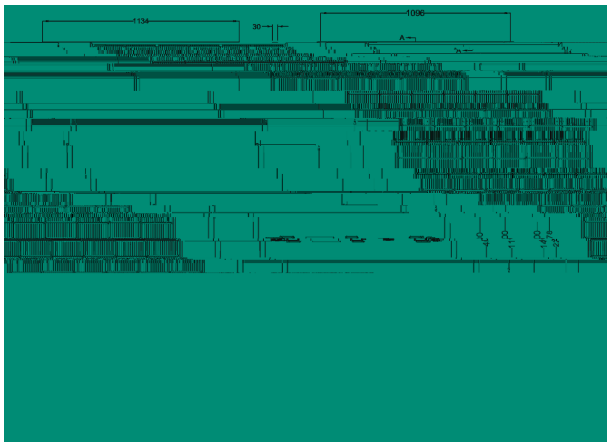
Module Characteristics

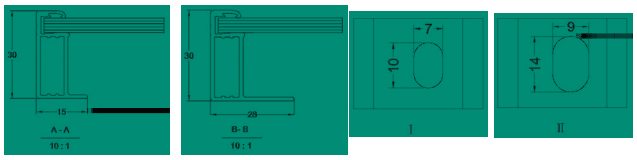
-Year Product Warranty	-Year Linear Power Warranty	First Year Degradation	Annual Power Degradation

IEC 61215(2021) / IEC 61730(2023)
ISO 9001: 2015: ISO Quality Management System
Anti-PID / Ammonia / Salt-mist / Dust and sand
Made in China

600W	23.2%	1%	0.4%
Maximum Power	Highest Conversion Efficiency	First ear Degradation	2-30 ears Annual Power Attenuation

Cell Type	N-Type TOPCon
No. of cells	144 (2×72)
Output Cables	TüV 1×4mm ²
	(+)300mm,(-)200mm in length or customized length
Glass	Front: 2.0mm, AR-coating, semi-tempered
Frame	Anodized aluminum alloy frame
Weight	31.0 kg (68.34 lbs)
Dimension	2278×1134×30mm
Packaging	37 pcs per pallet
	148 pcs per 20' HC, 740 pcs per 40' HC
Protection Class	Class II



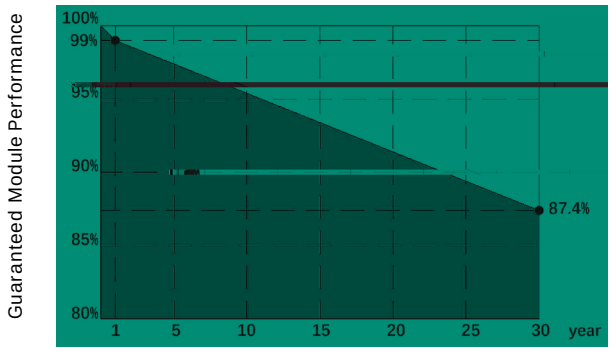


* Length:±2mm Width:±2mm Height:±1mm Row Pitch:±2mm

(STC 1000W/M² 25 AM1.5)

Module type														
Test Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (Pmax/W)	570	431	575	435	580	438	585	442	590	446	595	450	600	454
Open Circuit Voltage (Voc/V)	51.07	48.40	51.27	48.54	51.47	48.77	51.67	48.96	51.87	49.13	52.07	49.28	52.27	49.43
Short-circuit Current (Isc/A)	14.25	11.49	14.31	11.54	14.37	11.59	14.43	11.64	14.49	11.69	14.55	11.74	14.61	11.79
Maximum Power Voltage(Vmp/V)	42.29	40.00	42.44	40.13	42.59	40.30	42.74	40.41	42.89	40.59	43.05	40.79	43.23	40.95
Maximum Power Current(Imp/A)	13.48	10.77	13.55	10.84	13.62	10.87	13.69	10.94	13.76	10.99	13.82	11.04	13.88	11.09
Module Efficiency(%)														

·Maximum system voltage:1500V ·Maximum series fuse rating:30A ·J-Box:IP68



At least 87.4% of nominal power up to 30 years

Operating emperature	-40 ~ +85
Power olerance	0~ +5W
Maximum ystem oltage	1500V(IEC)
	45±2
Maximum Series Fuse Rating	35A
Junction Box	IP68

emperature coefficient of Isc	+ 0.045%/
emperature coefficient of oc	- 0.25%/
emperature coefficient of Pmax	- 0.29%/

Front Side Maximum tatic Loading	5400Pa
Rear Side Maximum tatic Loading	2400Pa
Hailstone est	25mm hailstone at 23m/s

Gokin

https://www.gokinsolar.com
gk@gokinsolar.com

Office 1102, No. 58 Huajin treet, Hengqin Free rade Zone, Zhuhai City, Guangdong Province, China.

Product data is updated as May 2024. Gokin Solar Co., Ltd. reserves the right to change specifications.