

Gokin

TOPCon Module with Single Glass

GK-4-66HT-F | Half-cut | 132cells

600-620W

23.0%

Module Efficiency up to

≤1% First-year Degradation

≤0.4% Annual Degradation



High Efficiency

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



Anti-degradation

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



Excellent Energy Yield

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



Quality Guarantee

High module quality ensures long-term reliability

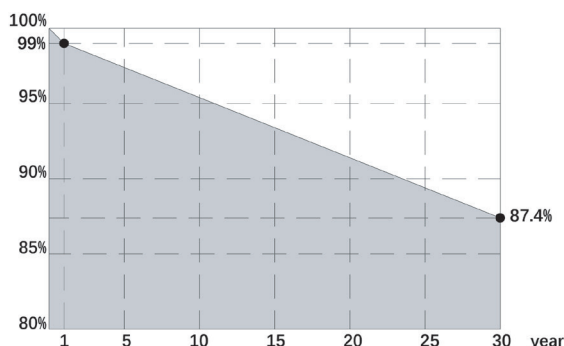


15 Years Product Warranty



30 Years Linear Power Warranty

Linear Performance Warranty



At least 99% of nominal power during first year;
Thereafter max.0.4% degradation per year;
At least 87.4% of nominal power up to 30 years.

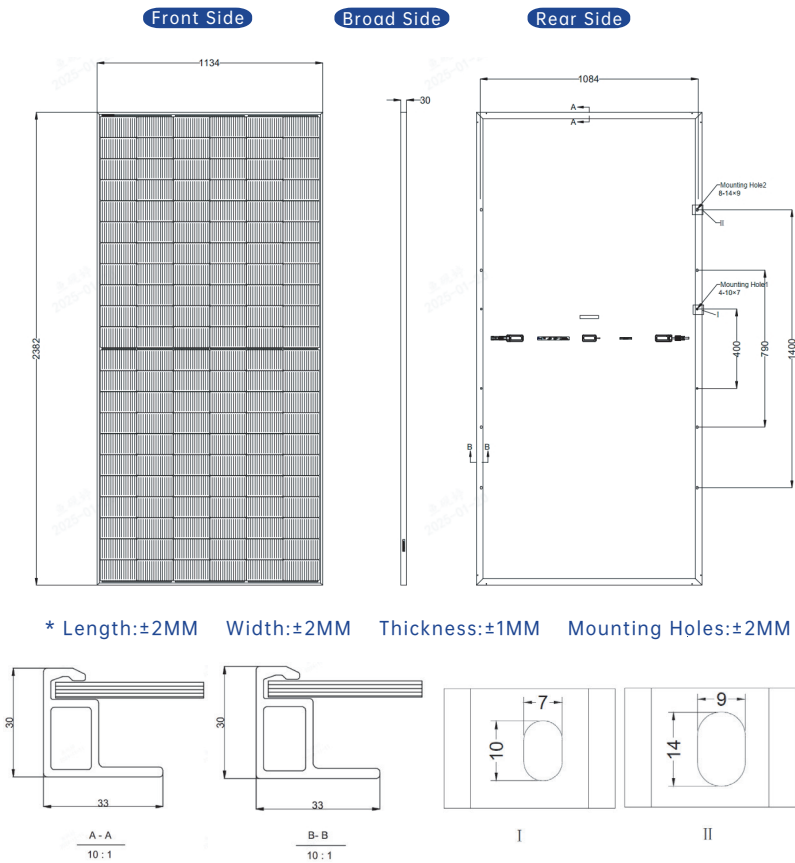


IEC 61215(2021) / IEC 61730(2023)
ISO 9001: 2015: ISO Quality Management System
Anti-PID / Ammonia / Salt-mist / Dust and sand

Mechanical Parameters

Cell Type	TOPCon
No. of cells	132 (2×66)
Output Cables	TüV 1×4mm²
	(+)300mm,(-)200mm in length or customized length
Glass	Front: 3.2mm, AR-coating tempered glass
Frame	Fiberglass
Weight	28.7 kg (63.27 lbs)
Dimension	2382×1134×30mm
Packaging	37 pcs per pallet
	148 pcs per 20'HC, 740 pcs per 40'HC
Protection Class	Class II

Engineering Drawings(mm)



* Length:±2MM Width:±2MM Thickness:±1MM Mounting Holes:±2MM

Mechanical Loading

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

Temperature Ratings (STC)

Temperature Coefficient of Isc	+0.045%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Pmax	-0.29%/°C

Electrical Characteristics STC: 1000W/M², 25°C, AM1.5

Module Type	GK-4-66HT-600M-F		GK-4-66HT-605M-F		GK-4-66HT-610M-F		GK-4-66HT-615M-F		GK-4-66HT-620M-F	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	600	454	605	458	610	462	615	465	620	469
Open-circuit Voltage (Voc/V)	48.32	45.16	48.48	45.31	48.64	45.46	48.80	45.61	48.96	45.76
Short-circuit Current (Isc/A)	15.88	12.76	15.94	12.81	16.00	12.86	16.06	12.91	16.12	12.96
Maximum Power Voltage (Vmp/V)	40.06	37.75	40.23	37.90	40.40	38.06	40.57	38.21	40.74	38.37
Maximum Power Current (Imp/A)	14.98	12.03	15.04	12.08	15.10	12.13	15.16	12.18	15.22	12.23
Module Efficiency (%)	22.2		22.4		22.6		22.8		23.0	

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



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