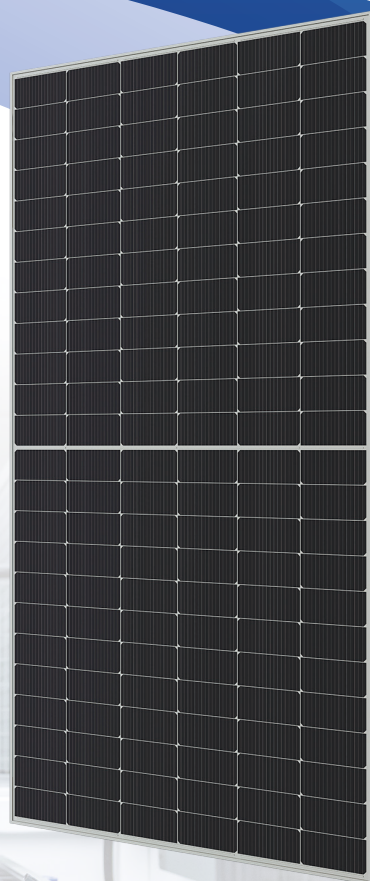


Gokin

GK-2-72HTBD 775-800W



Supreme Quality



High Efficiency

Module efficiency up to 23.7% 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

Module Characteristics

12-Year
Product Warranty

30-Year
Linear Power Warranty

1%
First Year Degradation

0.4%
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

800W

Maximum Power

23.7%

Highest Conversion Efficiency

1%

First Year Degradation

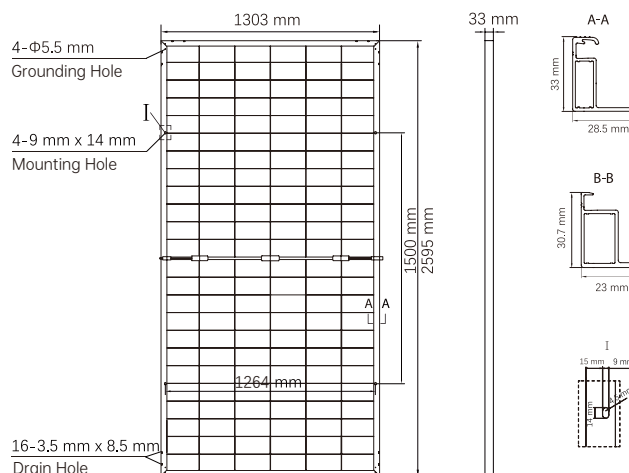
0.4%

2-30 Years Annual Power Attenuation

Mechanical Parameters

Cell Type	N-Type TOPCon
No. of cells	144 (6×24)
Output Cables	TÜV 1×4mm ² (+)350mm,(-)280mm in length or customized length
Glass	Front: 2.0mm, AR-coating, semi-tempered Rear: 2.0mm, semi-tempered
Frame	Anodized aluminum alloy frame
Weight	40 kg(88.19lbs)
Dimension	2595×1303×33mm
Packaging	33 pcs per pallet 693 pcs per 17.5' HC
Protection Class	Class II

Engineering Drawings



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

Electrical Characteristics (STC Test)

Module Type	GK-2-72HTBD-775M		GK-2-72HTBD-780M		GK-2-72HTBD-785M		GK-2-72HTBD-790M		GK-2-72HTBD-795M		GK-2-72HTBD-800M	
Testing Condition	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Maximum Power (Pmax/W)	775	855.6	780	861.1	785	866.6	790	872.1	795	877.6	800	883.2
Open-circuit Voltage (Voc/V)	52.72	52.73	52.87	52.88	53.02	53.03	53.17	53.18	53.52	53.33	53.47	53.48
Short-circuit Current (Isc/A)	18.37	20.30	18.43	20.37	18.49	20.44	18.56	20.51	18.62	20.58	18.68	20.65
Maximum Power Voltage (Vmp/V)	44.28	44.29	44.41	44.42	44.54	44.54	44.66	44.67	44.79	44.79	44.91	44.92
Maximum Power Current (Imp/A)	17.50	19.32	17.56	19.39	17.63	19.46	17.69	19.52	17.75	19.59	17.81	19.66
Module Efficiency (%)	22.9		23.1		23.2		23.4		23.5		23.7	

Note: 1、STC: Irradiance 1000W/M², Cell Temperature 25℃, AM=1.5 2、BNPI: Front side irradiance 1000 W/m², rear side irradiance 135 W/m², ambient temperature 25℃, AM=1.5

Different Rearside Power Gain (Reference to 775W)

Rearside Power Gain	5%	10%	20%
Maximum Power at STC (Pmax)	813.8	852.5	930
Open-circuit Voltage (Voc/V)	52.7	52.7	52.7
Short-circuit Current (Isc/A)	19.3	20.2	22.1
Maximum Power Voltage (Vmp/V)	44.3	44.3	44.3
Maximum Power Current (Imp/A)	18.4	19.3	21
Module Efficiency (%)	24.1	25.21	27.5

*The above data is for reference only. When signing a contract, the latest version of the product specification shall prevail.

Temperature Ratings (STC)

Temperature coefficient of Isc	+ 0.045%/℃
Temperature coefficient of Voc	- 0.25%/℃
Temperature coefficient of Pmax	- 0.29%/℃

Working Parameters

Operating Temperature	-40℃~ +85℃
Power Tolerance	0~ +5W
Maximum System Voltage	1500V(IEC)
NMOT	45±2℃
Maximum Series Fuse Rating	35A
Bifacial Factor	80±5%
Junction Box	IP68

Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa

Gokin

GK-2-72HTBD-SF-DG-F1 EN

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Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation. The specifications in this datasheet are subject to change without notice.

Production Base: No.1 Hejin Avenue, Automotive Industry Base, Huadu District Guangzhou City, Guangdong Province

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