

GK-4-78HTBD 720-750W



Supreme Quality



High Efficiency

Module efficiency up to 23.4% based on N-Type wafer and TOPCon technology



Excellent Energy Yield

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



Anti-degradation

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



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



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

Made in China

750W

Maximum Power

23.4%

Highest Conversion Efficiency

1%

First Year Degradation

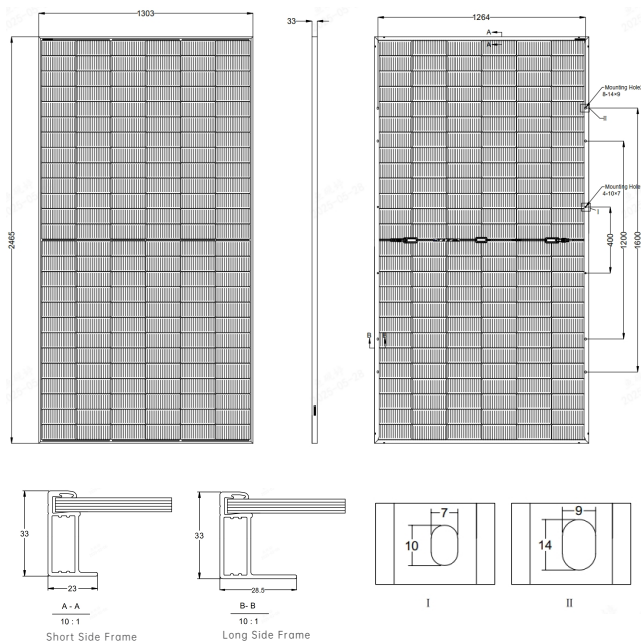
0.4%

2-30 Years Annual Power Attenuation

Mechanical Parameters

Cell Type	N-Type TOPCon
No. of cells	156 (2×78)
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	38.7 kg (85.32 lbs)
Dimension	2465×1303×30mm
Packaging	33 pcs per pallet 132 pcs per 20' HC, 264 pcs per 40' HC
Protection Class	Class II
Fire Rating	IEC Class A

Engineering Drawings



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

Electrical Characteristics (STC Test)

Module Type	GK-4-78HTBD-720M		GK-4-78HTBD-725M		GK-4-78HTBD-730M		GK-4-78HTBD-735M		GK-4-78HTBD-740M		GK-4-78HTBD-745M		GK-4-78HTBD-750M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	720	544	725	548	730	552	735	556	740	559	745	563	750	567
Open-circuit Voltage (Voc/V)	56.77	53.81	56.92	53.94	57.07	54.07	57.22	54.20	57.37	54.33	57.52	54.46	57.67	54.59
Short-circuit Current (Isc/A)	16.06	12.95	16.12	13.00	16.18	13.05	16.24	13.10	16.30	13.15	16.36	13.20	16.42	13.25
Maximum Power Voltage (Vmp/V)	47.47	44.85	47.60	44.99	47.73	45.13	47.86	45.28	47.99	45.34	48.12	45.48	48.25	45.62
Maximum Power Current (Imp/A)	15.17	12.13	15.23	12.18	15.29	12.23	15.36	12.28	15.42	12.33	15.48	12.38	15.54	12.43
Module Efficiency (%)	22.4		22.6		22.7		22.9		23.0		23.2		23.4	

Note: 1. STC: Irradiance 1000W/M², Cell Temperature 25°C, AM=1.5 2. NOCT: Irradiance 800W/M², Ambient Temperature 20°C, AM=1.5, Wind Speed 1M/S

Different Rearside Power Gain (Reference to 735W)

Rearside Power Gain	5%	10%	20%
Maximum Power at STC (Pmax)	771.8	808.5	882.0
Open-circuit Voltage (Voc/V)	57.2	57.2	57.2
Short-circuit Current (Isc/A)	17.1	17.9	19.5
Maximum Power Voltage (Vmp/V)	47.9	47.9	47.9
Maximum Power Current (Imp/A)	16.1	16.9	18.4
Module Efficiency (%)	24.0	25.2	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%/°C
Temperature coefficient of Voc	- 0.25%/°C
Temperature coefficient of Pmax	- 0.29%/°C

Working Parameters

Operating Temperature	-40°C~ +85°C
Power Tolerance	0~ +5W
Maximum System Voltage	1500V(IEC)
NMOT	45±2°C
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
Hailstone Test	25mm hailstone at 23m/s

Gokin



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