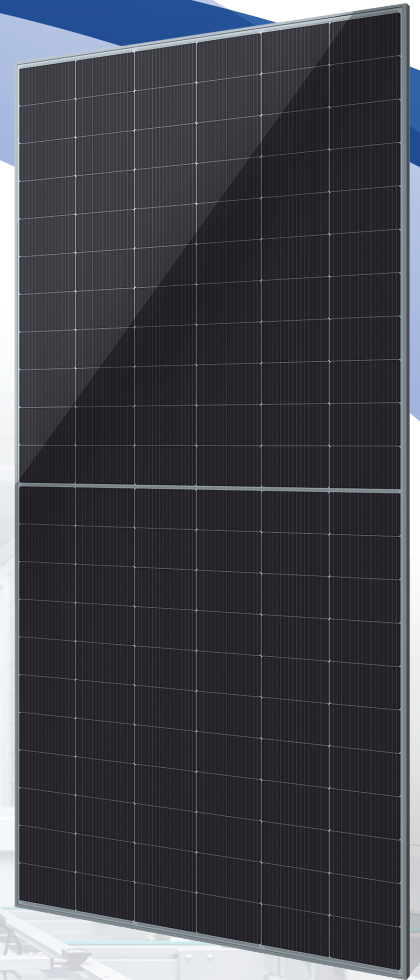


## FLAMINGO G12/132D 700-725W



### Supreme Quality



#### High Efficiency

Module efficiency up to 23.3% 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

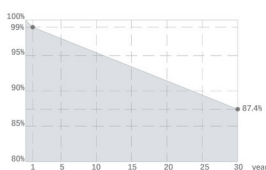
### Module Characteristics

**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

# 725W

Maximum Power

# 23.3%

Highest Conversion Efficiency

# 1%

First Year Degradation

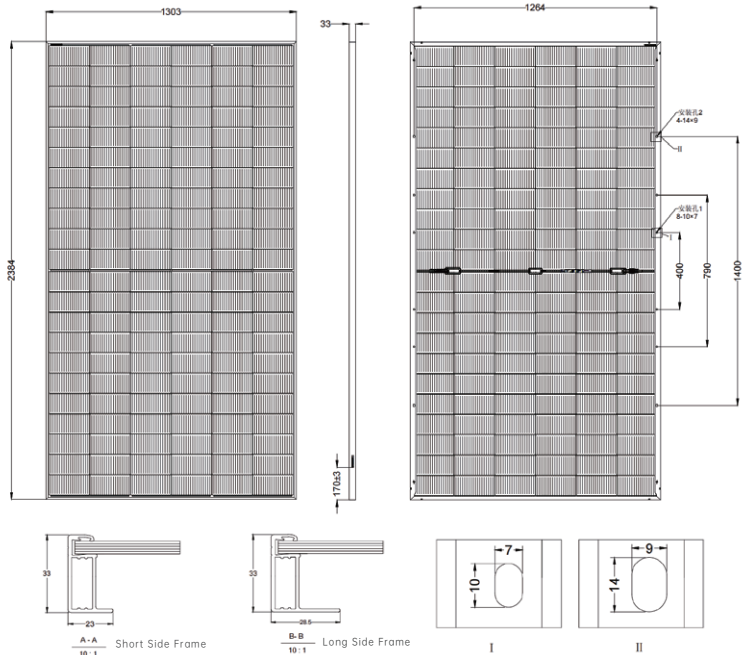
# 0.4%

2-30 Years Annual Power Attenuation

## Mechanical Parameters

Cell Type	N-Type TOPCon
No. of cells	132 (2×66)
Output Cables	TÜV 1×4mm <sup>2</sup> (+)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	37.1 kg (81.79 lbs)
Dimension	2384×1303×33mm
Packaging	33 pcs per pallet Package size(mm): 2405×1120×1428 132 pcs per 20' HC, 264 pcs per 40' HC
Protection Class	Class II

## Engineering Drawings



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

## Electrical Characteristics (STC Test)

Module Type	GK-2-66HTBD-700M		GK-2-66HTBD-705M		GK-2-66HTBD-710M		GK-2-66HTBD-715M		GK-2-66HTBD-720M		GK-2-66HTBD-725M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	700	529	705	532	710	536	715	540	720	543	725	547
Open-circuit Voltage (Voc/V)	47.90	45.36	48.68	46.20	48.91	46.38	49.14	46.56	49.36	46.74	49.55	46.92
Short-circuit Current (Isc/A)	18.08	14.58	18.11	14.61	18.15	14.65	18.19	14.68	18.24	14.71	18.32	14.74
Maximum Power Voltage (Vmp/V)	41.10	38.90	41.29	38.97	41.50	39.12	41.69	39.27	41.91	39.38	42.10	39.55
Maximum Power Current (Imp/A)	17.04	13.60	17.07	13.65	17.11	13.70	17.15	13.75	17.18	13.79	17.22	13.83
Module Efficiency (%)	<b>22.5</b>		<b>22.7</b>		<b>22.9</b>		<b>23.0</b>		<b>23.2</b>		<b>23.3</b>	

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

## Different Rearside Power Gain (Reference to 715W)

Rearside Power Gain	5%	10%	20%
Maximum Power at STC (Pmax)	750.8	786.5	858.0
Open-circuit Voltage (Voc/V)	49.1	49.1	49.1
Short-circuit Current (Isc/A)	19.1	20.0	21.8
Maximum Power Voltage (Vmp/V)	41.7	41.7	41.7
Maximum Power Current (Imp/A)	18.0	18.9	20.6
Module Efficiency (%)	24.2	25.3	27.6

\*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



Gokin Solar Co., Ltd.

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

Office 1102, No. 58 Huajin Street, Hengqin Free Trade Zone, Zhuhai City, Guangdong Province, China.  
Product data is updated as of May 2024. Gokin Solar Co., Ltd. reserves the right to change specifications.