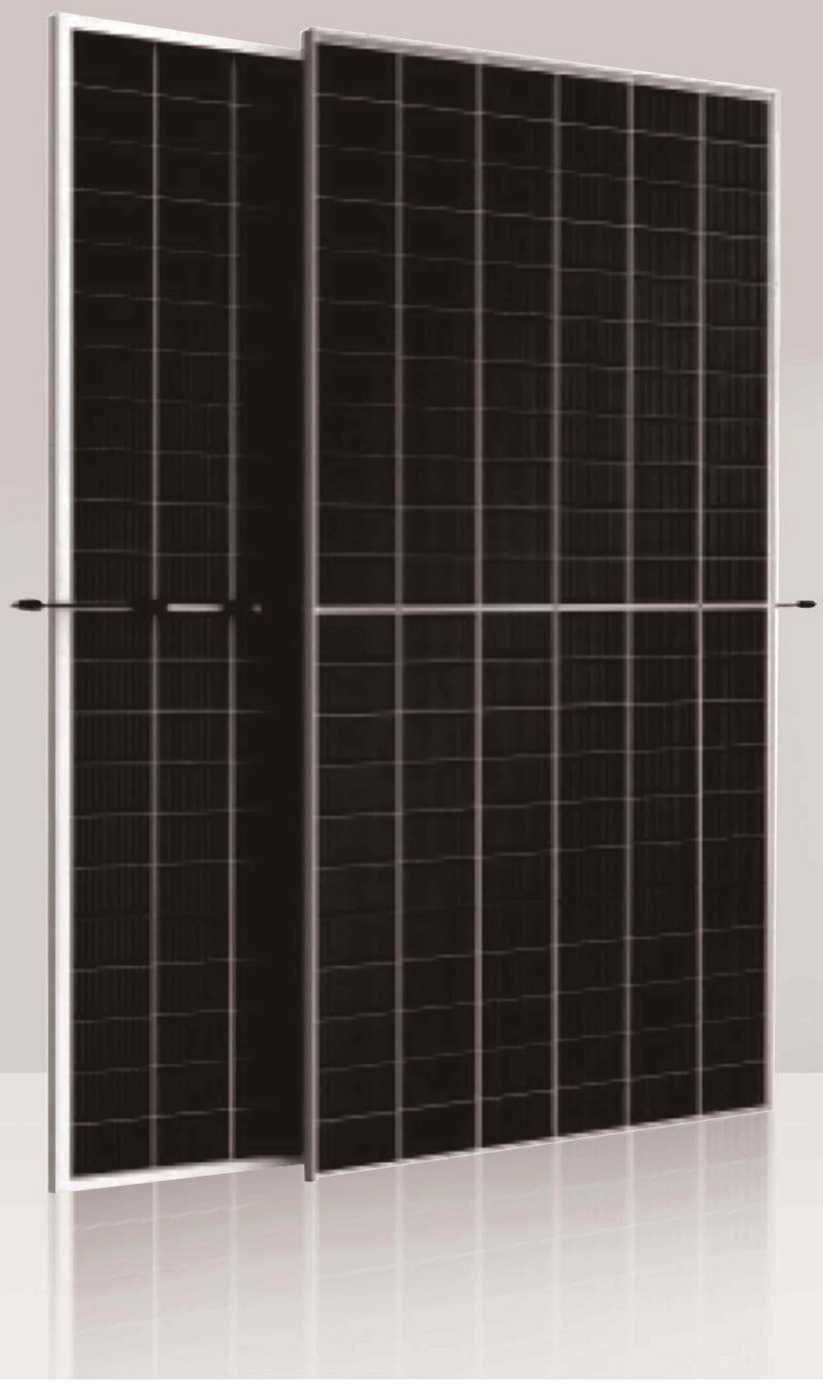


GRANKIA

N-TOPCon

695W - 705W

BIFACIAL DOUBLE GLASS MBB HALF CELL SOLAR MODULE

12-year product warranty

30-year linear power output warranty

695-705W /Output Power

22.40% /Maximum Efficiency

0~+5W /Power Tolerance

CERTIFICATES

*ISO9001:2015
*ISO14001:2015
*ISO45001:2018
TUV、CE、SGS、CQC、ROHS、INMETRO、CGC、IEC

KEY FEATURES

N-TOPCon Half Cell
The power of Half-cell solar panel increases, and the hot spot temperature reduces because of lower working current

Extended Wind and Snow Load Tests
Module certified to withstand extreme wind (2400 Pascal) and snow loads(5400 Pascal)

High PID Resistant
Advanced cell technology and qualified materials lead to high PID resistant

Current Sorting Process
System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage

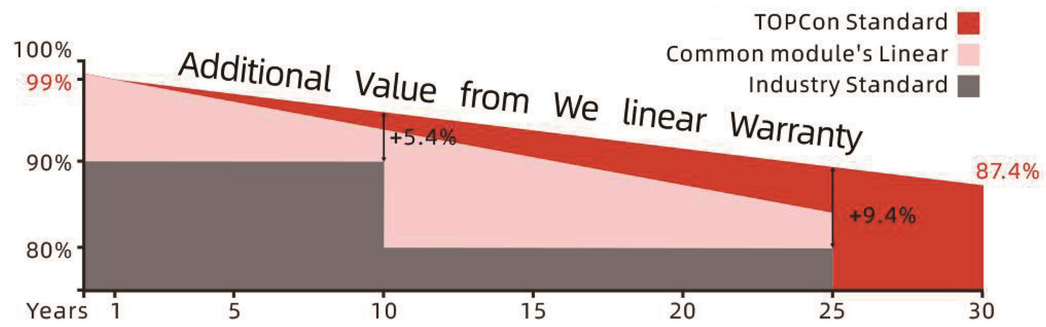
Positive Tolerance
Positive tolerance of up to 0~+5W delivers higher outputs reliablity

1500V
Backsheet and junction box supporting 1500V system

QUALITY GUARANTEE

≤1% The first year attenuation

0.4% Annual Degradation over 30 years

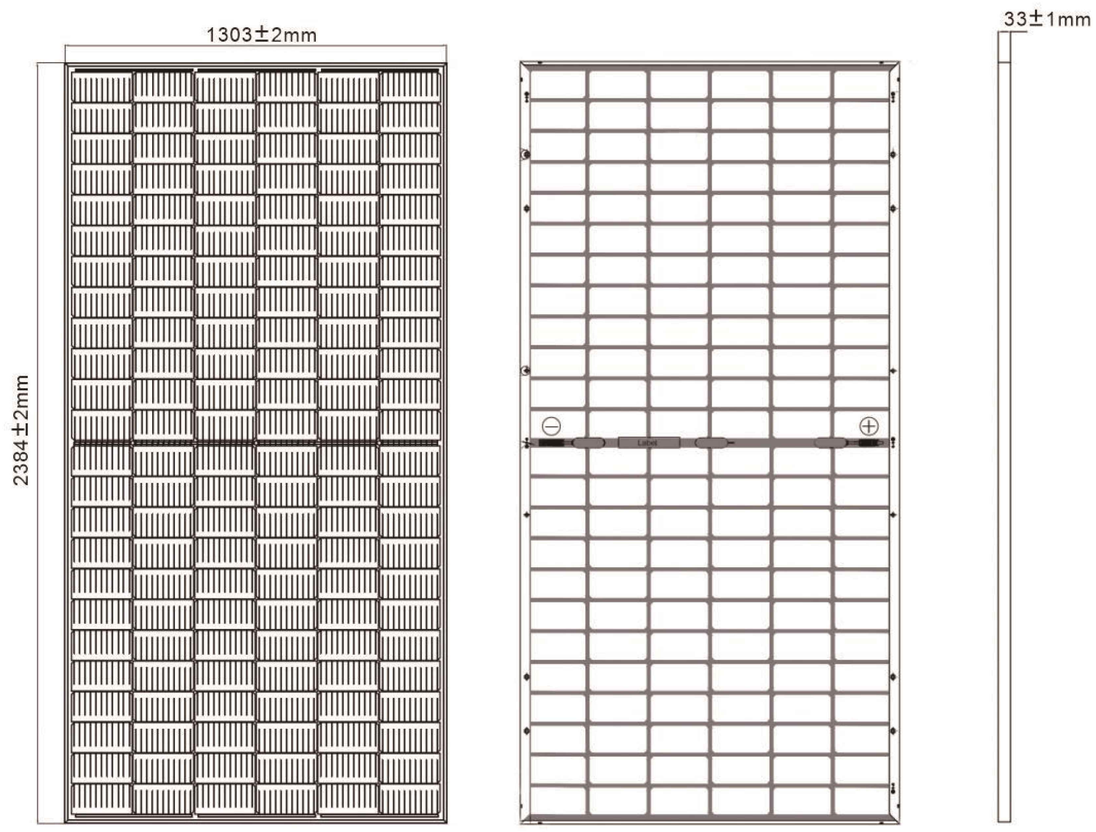


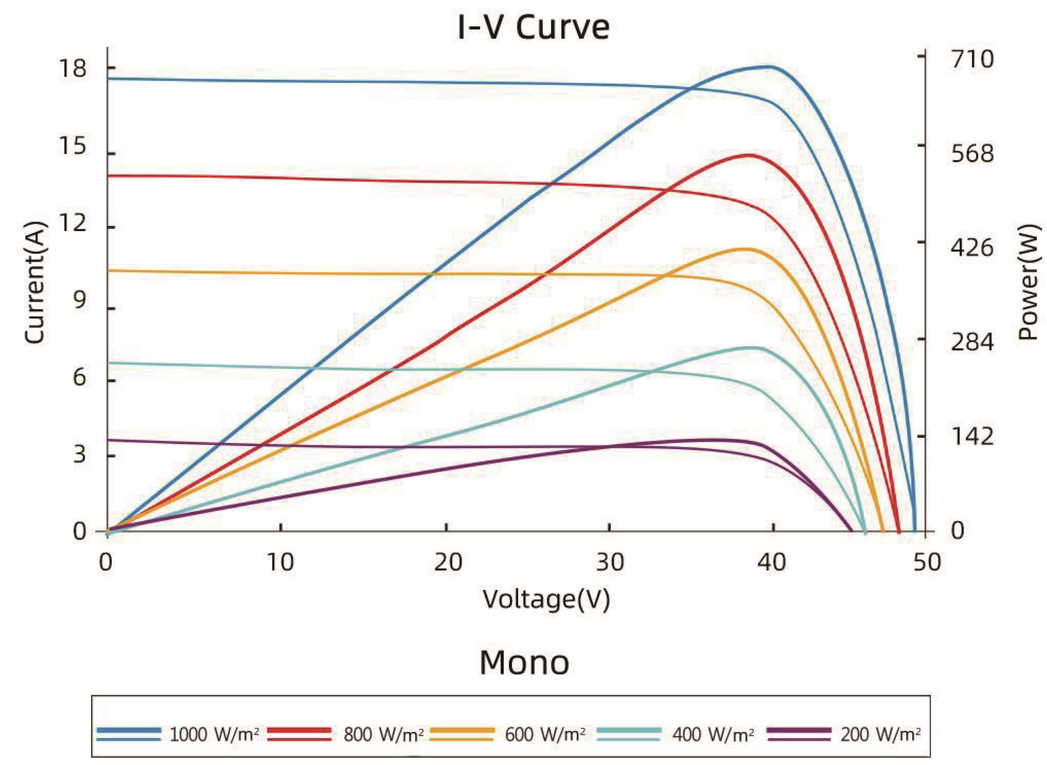
- 30-year linear power output warranty
- 12-year product warranty

GRANKIA Electric (Guangdong) Co., Ltd.
Email: sales@grankia.com | Web: https://www.grankia.com

695W - 705W

ENGINEERING DRAWING





Excellent performance under weak light conditions: at an irradiation intensity of 800W/m²(AM 1.5, 25℃), 95.5% or higher of the STC efficiency(1000W/m²) is achieved.

ELECTRICAL CHARACTERISTICS

STC	GT695W-132M	GT700W-132M	GT705W-132M
MAXIMUM POWER(PMAX)	695W	700W	705W
Optimum Operating Voltage(Vmp)	40.30V	40.50V	40.70V
Optimum Operating Current(Imp)	17.25A	17.29A	17.33A
Open Circuit Voltage(Voc)	48.30V	48.60V	48.80V
Short Circuit Current(Isc)	18.28A	18.32A	18.36A
Module Efficiency	22.40%	22.50%	22.70%
Operating Module Temperature	-40℃ to +85℃		
Maximum System Voltage	1500V DC（IEC）		
Power Tolerance	0~+5W		
STC	lrradiance 1000 W/m², module temperature 25℃, AM=1.5; Best in Class AAA solar simulator (IEC 60904-9) used		

MECHANICAL CHARACTERISTICS

Solar Cell	210mm MBB N-TOPCon
No. of Cells	132（6x11x2）
Dimensions	2384±2mmx1303±2mmx33±1mm
Weight	38kg±0.5%
Glass	2.0mm tempered glass
Frame	Anodized Aluminium Alloy
Junction box	Ip68 rated
Output Cables	TÜV (2Pfg1169:2007)
	4.0 mm²(0.006 inches²), 300mm/Customized
Connectors	MC4 connectors

TEMPERATURE CHARACTERISTICS

NOCT	43±2℃
Temperature Coefficient of Pmax	-0.243%/℃
Temperature Coefficient of Voc	-0.223%/℃
Temperature Coefficient of Isc	-0.026%/℃

PACKING CONFIGURATION (33MM)

Per Pallet	31Pieces
Per Container (40' HQ)	558Pieces

Note: Specifications subject to technical changes and tests,
We reserves the right of final interpretation.

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