

N-Type HJT Module

700-720W

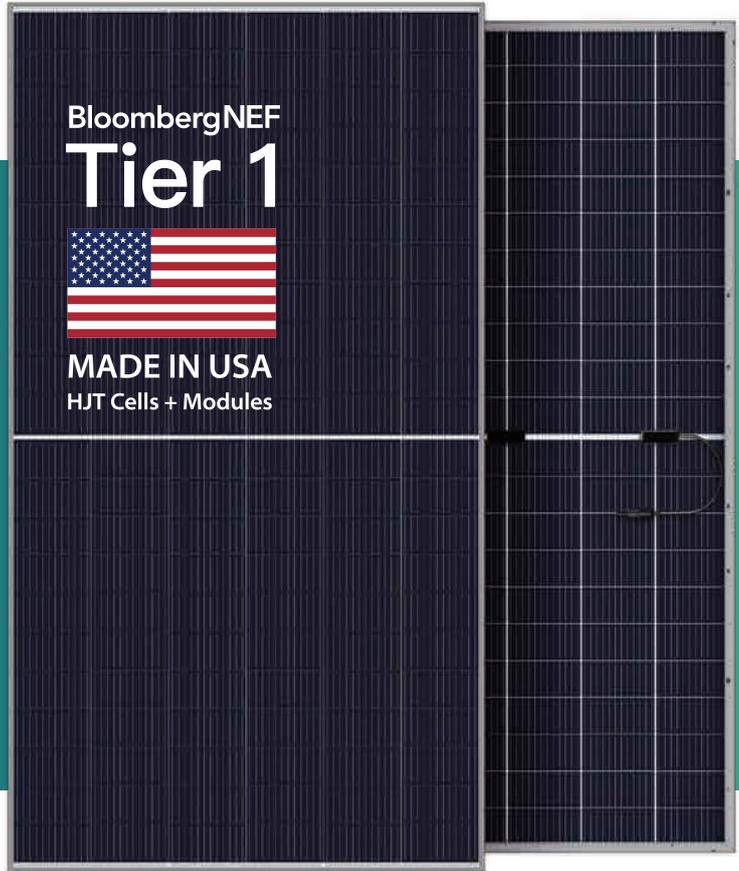
Max. Power Output

0~+3%

Power Tolerance

23.18%

Module Efficiency

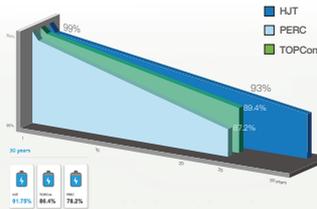


HJT Half-cut Bifacial Dual-Glass Module(MBB)
Module type: SKA611HDGDC

PRODUCT ADVANTAGES

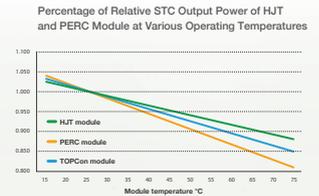
Low Degradation

Translucent Solar HJT modules first year degradation is 1% and subsequent yearly degradation is 0.25%. HJT modules are guaranteed to have 93% power generation rate in 25 years, in comparison TOPCon modules provide 89.4% and PERC 87.2%.



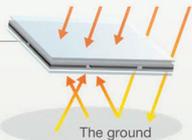
Low Temperature Coefficient

HJT has a lower temperature coefficient than other leading module technologies. Resulting in lower power loss and better power generation in high temperature environments.

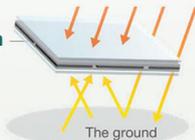


Higher Bifacial Generation

HJT Bifacial symmetrical structure + ~5%



TOPCon Bifacial module



Lowest LCOE in the Industry

The high efficiency and other inherent characteristics of HJT result in the lowest Levelized Cost Of Energy (LCOE) in the industry. On an installed module watt for watt basis, this adds up to a greater than 10% incremental benefit to the project owner.

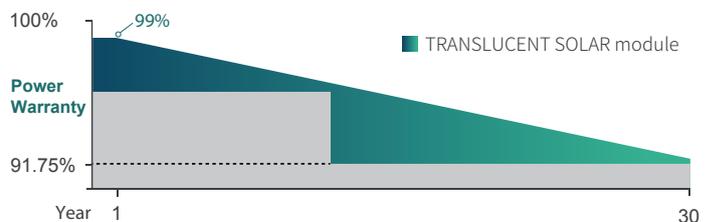


Biggest cost reduction potential

LINEAR PERFORMANCE WARRANTY

15 Years product warranty on materials and workmanship

30 Years linear power output warranty



30 years decay ≤ **0.25%** annually on average

CERTIFICATES



IEC 61215 / IEC 61730

ELECTRICAL PARAMETERS @ STC

	700	705	710	715	720
Max. Power Output Pmax (W)	700	705	710	715	720
Power Tolerance	0~+3%	0~+3%	0~+3%	0~+3%	0~+3%
Max. Power Voltage Vmp (V)	41.52	41.55	41.59	41.64	41.69
Max. Power Current Imp (A)	16.86	16.97	17.07	17.17	17.27
Open Circuit Voltage Voc (V)	49.31	49.35	49.40	49.45	49.51
Short Circuit Current Isc (A)	17.72	17.83	17.94	18.04	18.14
Module Efficiency(%)	22.53	22.70	22.86	23.02	23.18

*STC (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5

*Measurement Tolerance (±3.0%)

Integrated Power @ STC (Reference to 710W front)

	746	781	815	850	886
Max. Power Output Pmax (W)	746	781	815	850	886
Max. Power Voltage Vmp (V)	43.46	43.46	43.36	43.36	43.36
Max. Power Current Imp (A)	17.16	17.97	18.79	19.61	20.43
Open Circuit Voltage Voc (V)	50.71	50.71	50.81	50.81	50.81
Short Circuit Current Isc (A)	18.11	18.98	19.84	20.70	21.56
Power Gains	5%	10%	15%	20%	25%

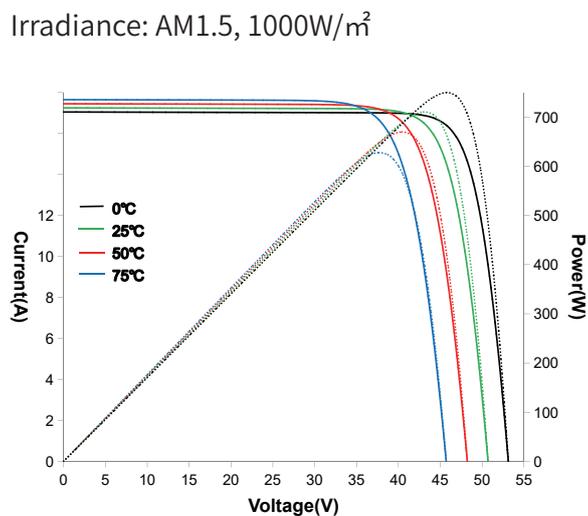
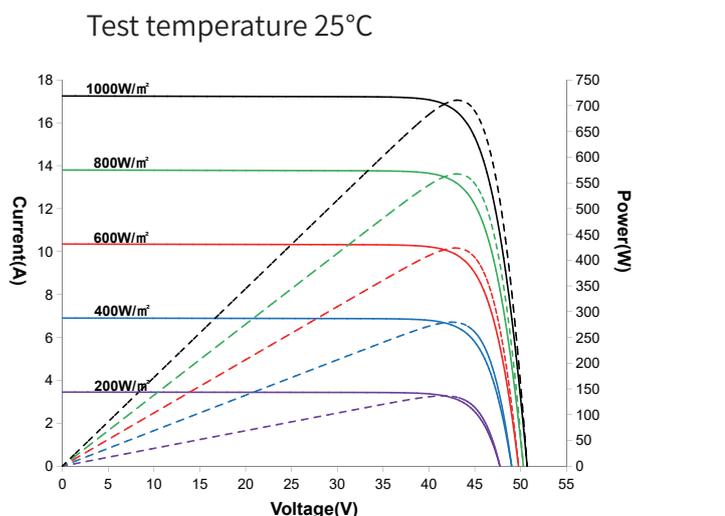
MECHANICAL PARAMETERS

Cell Type	HJT 210x105mm
Number of Cells	132pcs(6x22)
Dimensions(L*W*H)	2384x1303x33mm
Weight	38.3kg
Frame	Anodised Aluminum
Junction Box	IP68, 3 bypass diodes
Cable,Length	4.0mm ² , 300mm

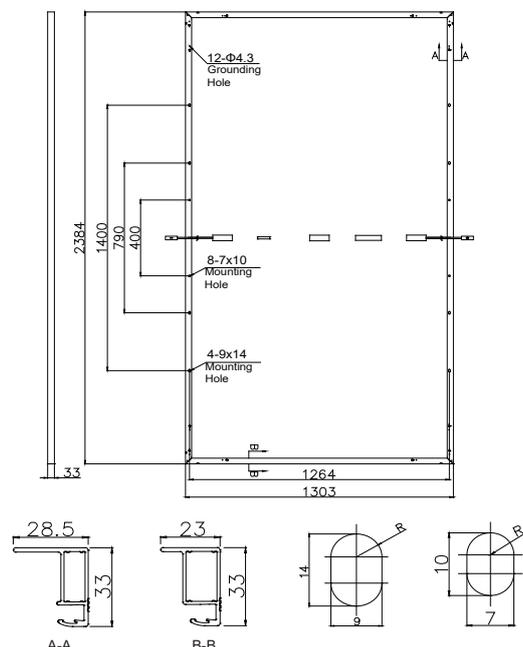
TEMPERATURE COEFFICIENTS

Temperature Coefficients of Pmp	-0.24%/°C
Temperature Coefficients of Voc	-0.22%/°C
Temperature Coefficients of Isc	+0.047%/°C

I-V CURVES



ASSEMBLY DRAWING (Unit:mm)



OPERATING CONDITION

Maximum System Voltage(V)	1500(DC)
Operating Temperature(°C)	-40~+85
Max.Wind Load /Snow Load(Pa)	2400/5400
Max.Series Fuse Rating(A)	35
Fire Rating	Class A
Bifaciality	90±5%
NOCT	45°C

PACKAGE INFORMATION

Container 40'HQ	594pcs
Quantity / Pallet	33pcs
Size: 1310×1100×2520mm; Net weight: 1263.9kg; Gross weight: 1307.4kg	