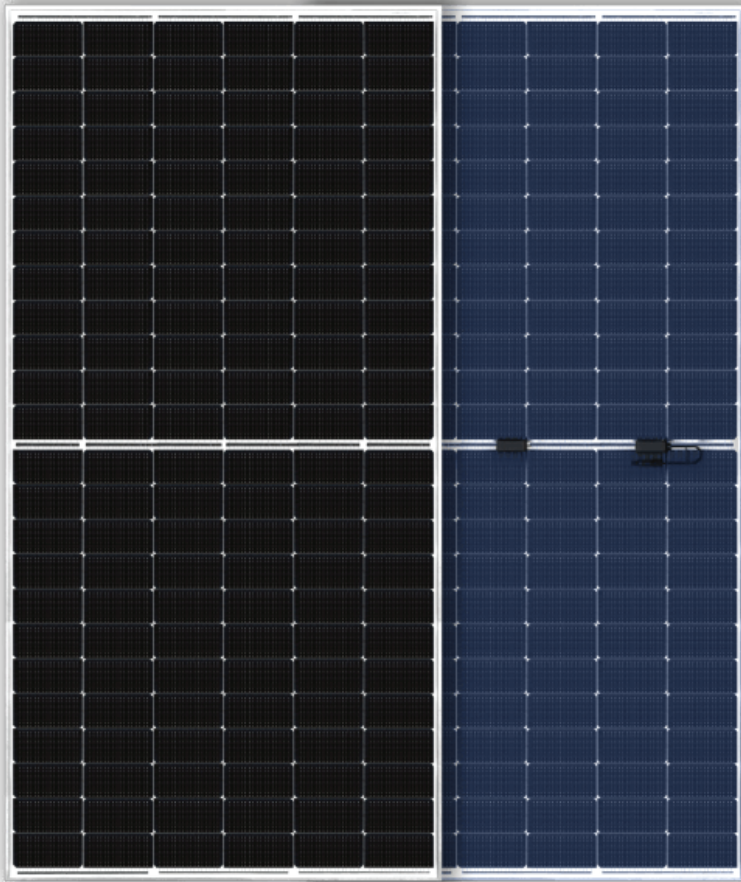




HELIO-N

570 Wp - 590 Wp

**N-TYPE TOPCON 16BB
BIFACIAL (GLASS TO GLASS)**

Suitable for



RESIDENTIAL



UTILITY



COMMERCIAL



OFF-GRID

PRODUCT CERTIFICATES



IEC 61215 | IEC 61730 | IEC 61701 (Salt Mist) | IEC 62716 (Ammonia)

IEC 62782 (DMLT) | IEC 61853-1 & 2 (Panfile & IAM) | LID, LETID | IEC 62804 (PID)

CEC, CE | UL61730 | IEC 60068 (Sand & Dust) | IEC 62759 (Transportation)

MADE IN INDIA

30
YEARS

Linear Performance warranty*

15
YEARS

Product warranty on materials and workmanship**

PRODUCT | KEY FEATURES



SMBB TECHNOLOGY

Better light trapping and current collection to improve module power output and reliability



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control



Higher Power Output

Module power increases 5-25% generally, bringing significantly lower LCOE and higher IRR



Enhanced Mechanical Load

Certified to withstand wind load (2400 Pascal) and snow load (5400 Pascal)



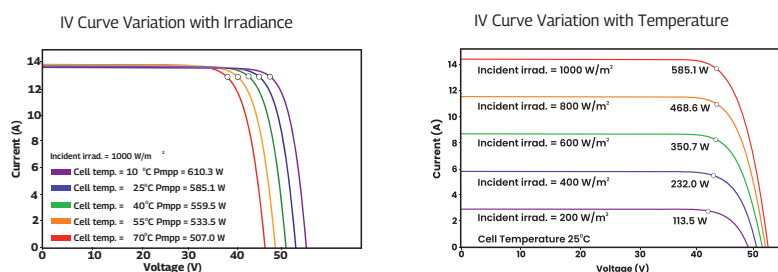
Auto Bussing & Soldering Technology

Induction based Improved soldering quality without pollution to module

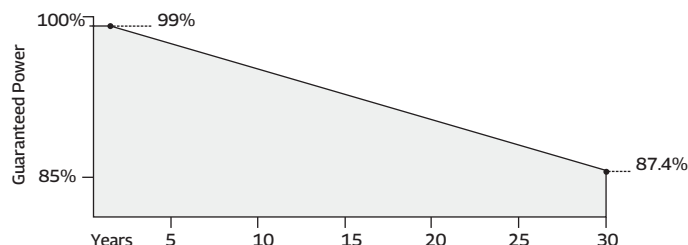
ELECTRICAL CHARACTERISTICS*

BIFACIAL OUTPUT – BACKSIDE POWER GAIN @ STC* [Bifaciality Factor: 80% ± 10%]

5%	Nominal Maximum Power (Pmax)	599 W	604 W	609 W	614 W	620 W
	Module Short Circuit Current / Efficiency	14.21 A / 23.21 %	14.27 A / 23.40 %	14.33 A / 23.60 %	14.39 A / 23.79 %	14.45 A / 24.00 %
10%	Nominal Maximum Power (Pmax)	627 W	633 W	638 W	644 W	649 W
	Module Short Circuit Current / Efficiency	14.89 A / 24.29 %	14.95 A / 24.53 %	15.02 A / 24.72 %	15.08 A / 24.95 %	15.14 A / 25.14 %
25%	Nominal Maximum Power (Pmax)	713 W	719 W	725 W	731 W	738 W
	Module Short Circuit Current / Efficiency	16.92 A / 27.63 %	16.99 A / 27.86 %	17.06 A / 28.09 %	17.13 A / 28.32 %	17.20 A / 28.57 %



LINEAR PERFORMANCE WARRANTY



MAXIMUM OPERATING CONDITIONS

Operating Temperature:	-40°C to +85°C
Maximum System Voltage:	1500V
Maximum Series Fuse Rating:	30 A

Current α (Isc):	0.0265%/°C
Voltage β (Voc):	-0.2261%/°C
Power γ (Pmax):	-0.2909%/°C

STACKING STANDARD	19FT	20FT	40FT
No. of Modules per Container:	216	270	594
No. of Pallets per Container:	08	10	22
No. of Modules per Pallet/Weight:	27 Nos/940 Kg		
Pallet Dimensions in mm :	2320(L)*1000(W)*1275(H)		

Registered Office: Mahindra Solarize Private Limited Mahindra Towers, G. M. Bhosale Marg, Worli, Mumbai - 400 018, Maharashtra, India. 1800 210 3800 | solarize@mahindra.com | www.mahindrasolarize.com