

BIFACIAL

710 - 730 Watt Silver Frame



Key features

- ✔ Passed IEC 5400 Pa mechanical loading test.
- ✔ The modules can withstand high wind-pressure, snow loads and extreme temperatures.
- ✔ Our high performing modules have an industry low tolerance of $0\pm 5\%$.
- ✔ Our solar cells offer high conversion efficiency to ensure the highest quality.
- ✔ Highest quality with our cells.

Highest quality with our cells.
18MBB Heterojunction Technology

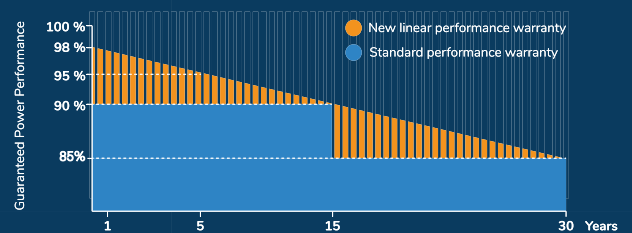


Quality and safety

- ✔ Industry leading power output warranty
15 years / 90%
- 30 years/85.2%
- ✔ 25-year warranty on materials & workmanship
- ✔ Fire test: Class 1



Premium performance warranty



Applications



On-grid residential roof-tops



On-grid commercial-industrial roof-tops

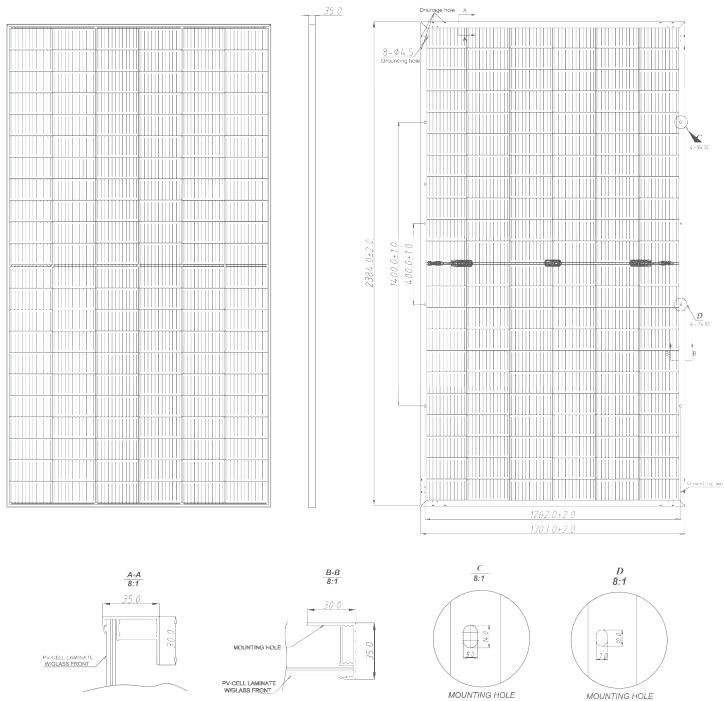


Solar power plants



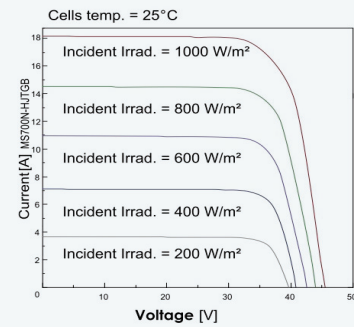
Off-grid systems

Engineering drawings

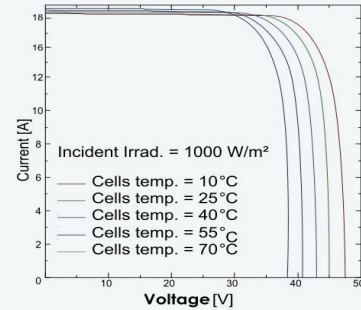


Electrical performance & temperature dependence

I-V CURVES AT DIFFERENT TEMPERATURE (710W)



I-V / P-V CURVE AT DIFFERENT TEMPERATURE (710W)



Electrical characteristics

Module Type	SNG710M-132	SNG715M-132	SNG720M-132	SNG725M-132	SNG730M-132
TESTING CONDITION⁽¹⁾	STC⁽²⁾/NMOT	STC⁽²⁾/NMOT	STC⁽²⁾/NMOT	STC⁽²⁾/NMOT	STC⁽²⁾/NMOT
Maximum Power at STC (Pmax)	710Wp/537.81Wp	715Wp/541.53Wp	720Wp/545.26Wp	725Wp/549.00Wp	730Wp/552.75Wp
Maximum Power Voltage (Vmp)	39.71V/40.44V	39.90V/40.58V	40.08V/37.63V	40.28V/37.81V	40.47V/37.99V
Max Power Current (Imp)	17.88A/14.43A	17.92A/14.46A	17.96A/14.49A	18.00A/14.52A	18.04A/14.55A
Open-circuit Voltage (Voc)	48.03V/45.91V	48.29V/46.13V	48.52V/46.35V	48.76V/46.57V	48.98V/46.79V
Short-circuit Current (Isc)	18.90A/15.26A	18.94A/15.30A	18.99A/15.34A	19.03A/15.36A	19.07A/15.39A
Module Efficiency (%)	22.85%	23.02%	23.18%	23.34%	23.50%
Maximum system voltage	-40°C ~ +85°C				
Maximum series fuse rating	1500V DC				
Power tolerance	±30A				
Temperature coefficients of Pmax	-0.29%/°C				
Temperature coefficients of Voc	-0.25%/°C				
Temperature coefficients of Isc	0.045%/°C				
Nominal operating cell temperature (NOCT)	45±2°C				

(1) Measurement Tolerances: Pmax (+/- 5%), Isc & Voc (+/- 5%) - Power Classification 0/+5%
 (2) STC (Standard Testing Condition): Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5
 (3) NMOT (Nominal Operating Module Temperature): Irradiance 800W/m², NMOT: Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

Mechanical data

Cell type	Heterojunction Technology (210x210mm)
No. of cells	132 (6x22)
Dimensions	2384x1303x35mm
Weight	38.8 kg
Front Glass	2.0mm AR Coating Semi-tempered glass
Back Glass	2.0mm AR Glazed Semi-tempered glass
Frame	Anodized Aluminium Alloy Silver Frame
Junction Box	IP68 Rated, 3 diodes
Output Cables	TUV: 1x4.0mm²/ UL 12AWG Length: 400/1400mm or customized length
Connectors	Copper, Silver Plated, MC 4

Packaging configuration

Dimensions	35mm
No. of pieces per pallet	31
Total number of pallets	17
Module quantity per 40' container	527

Bifacial output-rearside power gain

5%	745WP	750WP	756WP	761WP	766WP
15%	816WP	822WP	828WP	833WP	839WP
25%	887WP	893WP	900WP	906WP	912WP

STC/NMOT



Irradiance 1000W/m²



Module Temperature 25°C



AM = 1.5