

Product Information Sheet SNG 710-730 Watt HJT Technology

BIFACIAL 710-730 Watt

Highest quality with our cells
18 MBB HJT Technology

- | | |
|---|--|
| ✓ 30 years
Product Material & Workmanship | ✓ 30 years
Linear Performance Warranty |
| ✓ 1 %
1st-year Degradation | ✓ 0.4 %
Annual Degradation |

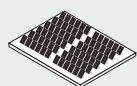
Quality and Safety

 **Industry-leading power output warranty**
25 years / 89.4 %
30 years / 87.4 %

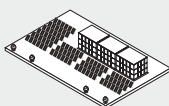
 **30-year warranty on materials & workmanship**

 **Fire Test: Class 1**

- ✓ **Anti-PID Guarantee**
Minimizes the risk of degradation caused by PID phenomena by optimizing cell production technology and material control.
- ✓ **Multi-busbar Technology**
Higher performance, higher reliability, and greater (electrical) resilience.



Solar power plants



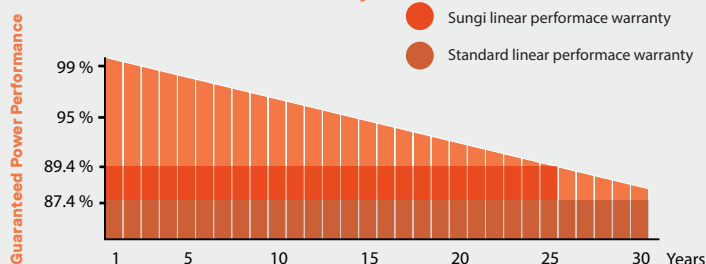
Off-grid systems

Complete System and Product Certifications

IEC 61215 (2021), IEC 61730 (2023), IEC 61701, IEC 62716
ISO 9001:2015: Quality Management System
ISO 14001:2015: Environmental Management System
ISO 45001:2018: Occupational Health and Safety Management System
IEC 62941:2019: Quality System for PV Module Manufacturing



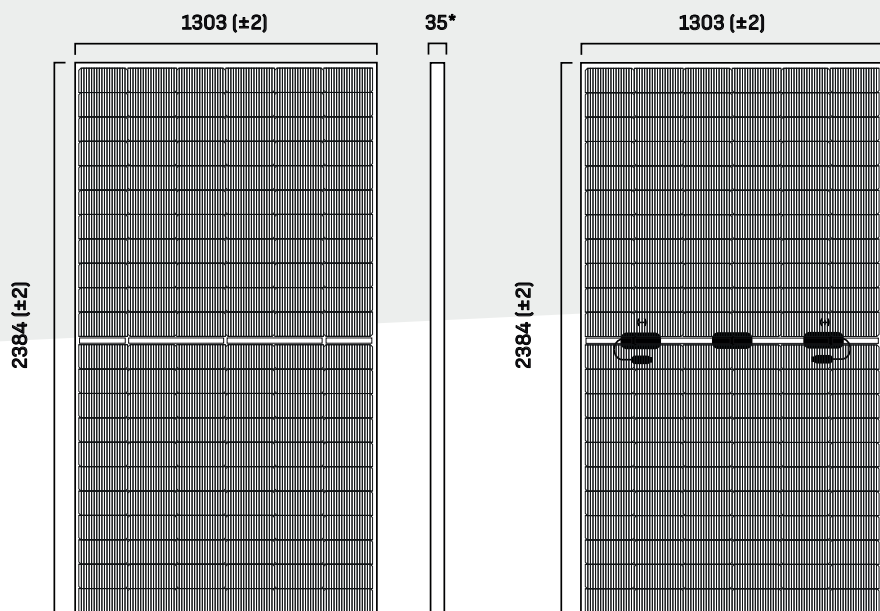
Premium Performance Warranty



23.50%
Max Module Efficiency

30 Y Warranty
on materials & workmanship

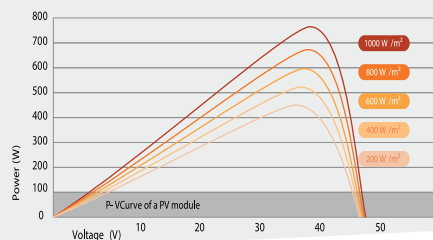
ENGINEERING DRAWINGS (mm)



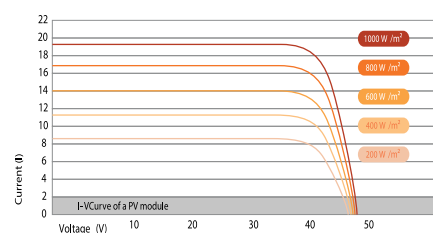
ELECTRICAL PERFORMANCE & TEMPERATURE

DEPENDENCE | SNG - 730

Power-Voltage Curves



Current-Voltage Curves



MODULE TYPE	SNG-710 W	SNG-715 W	SNG-720 W	SNG-725 W	SNG-730 W
Testing Conditions	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾
Maximum Power at STC (Pmax)	710 Wp	715 Wp	720 Wp	725 Wp	730 Wp
Maximum Power Voltage (Vmp)	39.71 V / 37.44 V	39.90 V / 37.58 V	40.08 V / 37.63 V	40.28 V / 37.81	40.47 V / 37.99 V
Maximum Power Current (Imp)	17.88 A / 14.43 A	17.92 A / 14.46 A	17.96 A / 14.49 A	18.00 A / 14.52 A	18.04 A / 14.55 A
Open-Circuit Voltage (Voc)	48.03 V / 45.91 V	48.29 V / 46.13 V	48.52 V / 46.35 V	48.76 V / 46.57 V	48.98 V / 46.79 V
Short-Circuit Current (Isc)	18.90 A / 15.26 A	18.94 A / 15.30 A	18.99 A / 15.34 A	19.03 A / 15.36 A	19.07 A / 15.39 A
Module Efficiency (%)	22.85 %	23.01 %	23.17 %	23.33 %	23.50 %

BIFACIAL OUTPUT- REAR SIDE	SNG-710 W	SNG-715 W	SNG-720 W	SNG-725 W	SNG-730 W
Power gain 5 %	745 Wp	750 Wp	756 Wp	761 Wp	766 Wp
Power gain 10 %	816 Wp	822 Wp	828 Wp	833 Wp	839 Wp
Power gain 15 %	887 Wp	893 Wp	900 Wp	906 Wp	912 Wp

ALL MODULES DATA

Operating Temperature (DC)	- 40 °C to + 85 °C
Maximum System Voltage	1500 VDC
Maximum Series Fuse Rating	35 A
Power Output Tolerance ⁽¹⁾	± 3 %
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

TECHNICAL SPECIFICATION

Cell type	HJT Technology (210x105 mm)
Number of cells	132 (2x66)
Dimensions	2384x1303x35* mm
Weight	38.7 kg
Front Glass	2.0 mm AR tempered glass
Back Glass	2.0 mm tempered glass
Frame	Anodized Aluminum Alloy Silver Frame*
Junction Box	IP68 Rated
Output Cables	TUV 1x4.0 mm ² / UL 12 AWG*
Output Cables Length	1400 mm*
Connectors	MC 4

PACKAGING CONFIGURATION



40' Container

- 31 pcs per pallet
- 18 pallets
- 558 total pcs

⁽¹⁾ Measurement Tolerances : Pmax (± 3 %), Isc & Voc (± 3 %)

⁽²⁾ STC (Standard Testing Condition) : Irradiance : 1000 W/m², Cell Temperature: 25 °C, AM : 1.5

⁽³⁾ NMOT (Nominal Operating Module Temperature) : Irradiance : 800 W/m², NMOT Ambient Temperature: 20/25 °C, AM : 1.5, Wind Speed : 1 m/s

*or customized

Not applicable for installations in transition 5.0/ feed in tariff for Italian market

Specifications included in this datasheet are subject to change without notice. SUNGI SOLAR reserves all the rights to final integrations.