

Product Information Sheet SNG 715-735 Watt HJT Technology

BIFACIAL 715-735 Watt

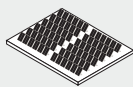
Highest quality with our cells
18 MBB HJT Technology

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

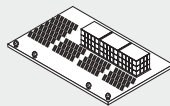
Quality and Safety

-  **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.



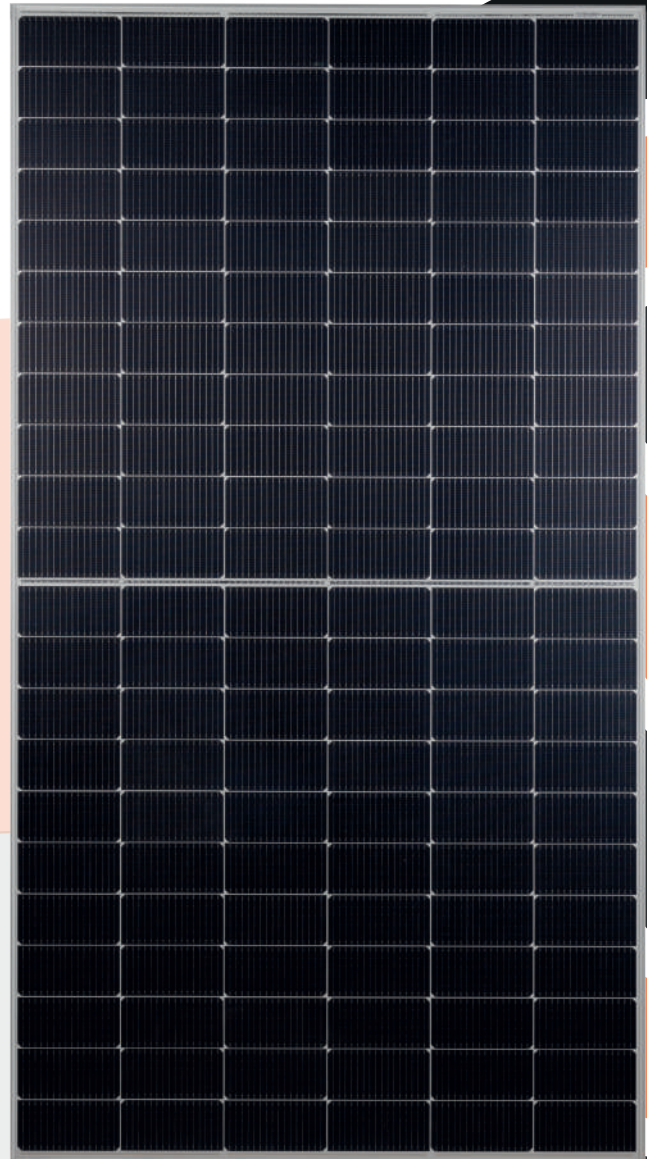
Solar power plants



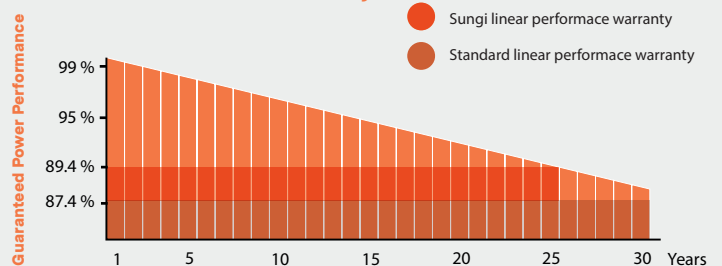
Off-grid systems

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



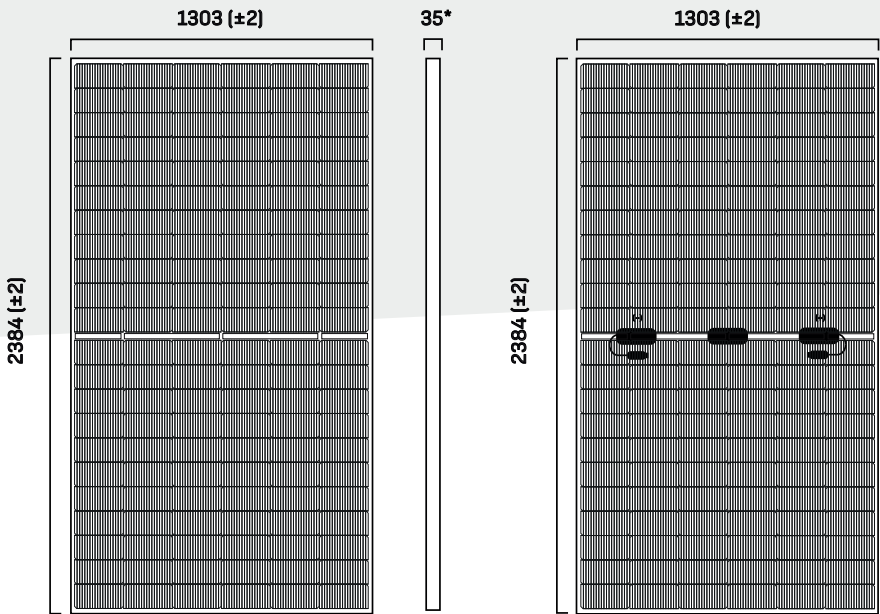
Premium Performance Warranty



23.50%
Max Module Efficiency

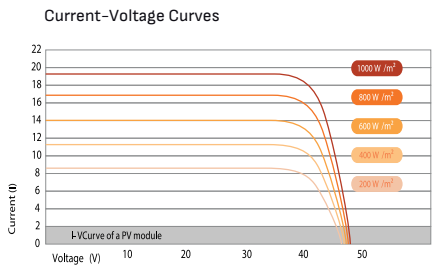
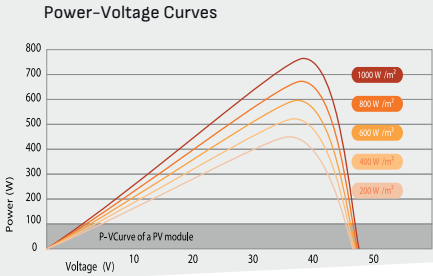
30 Y Warranty
on materials & workmanship

ENGINEERING DRAWINGS (mm)



ELECTRICAL PERFORMANCE & TEMPERATURE

DEPENDENCE | SNG - 735

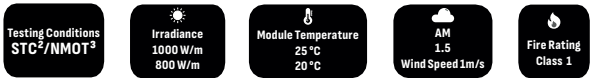


MODULE TYPE	SNG-715 W	SNG-720 W	SNG-725 W	SNG-730 W	SNG-735 W
Testing Conditions	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾	STC ⁽²⁾ / NMOT ⁽³⁾
Maximum Power at STC (Pmax)	715 Wp	720 Wp	725 Wp	730 Wp	735 Wp
Maximum Power Voltage [Vmp]	43,78 V / 40,27 V	43,96 V / 40,34 V	44,14 V / 40,4 V	44,32 V / 40,46 V	44,5 V / 40,51 V
Maximum Power Current [Imp]	16,35 A / 13,91 A	16,39 A / 13,98 A	16,43 A / 14,06 A	16,48 A / 14,13 A	16,53 A / 14,21 A
Open-Circuit Voltage [Voc]	50,16 V / 45,02 V	50,18 V / 45,93 V	50,25 V / 46,09 V	50,33 V / 46,16 V	50,4 V / 46,22 V
Short-Circuit Current [Isc]	17,91 A / 14,84 A	17,98 A / 14,92 A	18,06 A / 15 A	18,13 A / 15,07 A	18,19 A / 15,15 A
Module Efficiency (%)	23.02 %	23.18 %	23.34 %	23.50 %	23.66 %

BIFACIAL OUTPUT- REAR SIDE	SNG-715 W	SNG-720 W	SNG-725 W	SNG-730 W	SNG-735 W
Power gain 5 %	751 Wp	756 Wp	761 Wp	767 Wp	772 Wp
Power gain 15 %	822 Wp	828 Wp	834 Wp	840 Wp	845 Wp
Power gain 25 %	894 Wp	900 Wp	906 Wp	913 Wp	919 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	- 0.24 % / °C
Temperature Coefficients of Voc	- 0.22 % / °C
Temperature Coefficients of Isc	+0.042 % / °C
Nominal Operating Cell Temperature (NOCT)	41 ± 2 °C

TECHNICAL SPECIFICATION	
Cell type	HJT Technology (210x105 mm)
Number of cells	132 (2x66)
Dimensions	2384x1303x35* mm
Weight	37.5 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 mm² / UL 12 AWG*
Output Cables Length	1400 mm*
Connectors	MC 4



⁽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.

PACKAGING CONFIGURATION



40' Container

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