

Product Information Sheet SNG 740-760 Watt HJT Technology

BIFACIAL 740-760 Watt

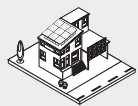
Highest quality with our cells
18 MBB HJT Technology

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

Quality and Safety

- ① **Industry-leading power output warranty**
25 years / 89.4 %
30 years / 87.4 %
- ✓ **30-year warranty on materials & workmanship**
- ✓ **Fire Test: Class 1**

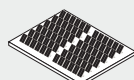
- ✓ **Anti-PID Guarantee**
Minimizes the risk of degradation caused by PID phenomena by optimizing cell production technology and material control.
- ✓ **Multi-busbar Technology**
Higher performance, higher reliability, and greater (electrical) resilience.



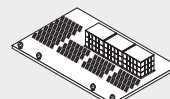
On-grid residential roof-tops



On-grid commercial Industrial roof-tops



Solar power plants



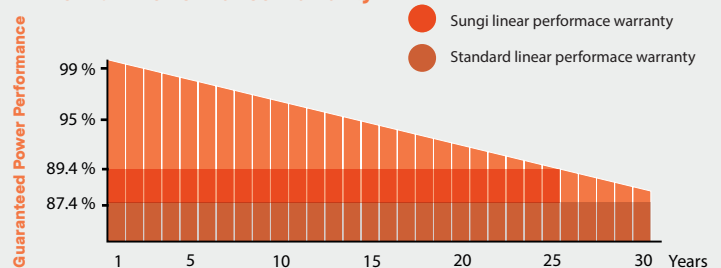
Off-grid systems

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



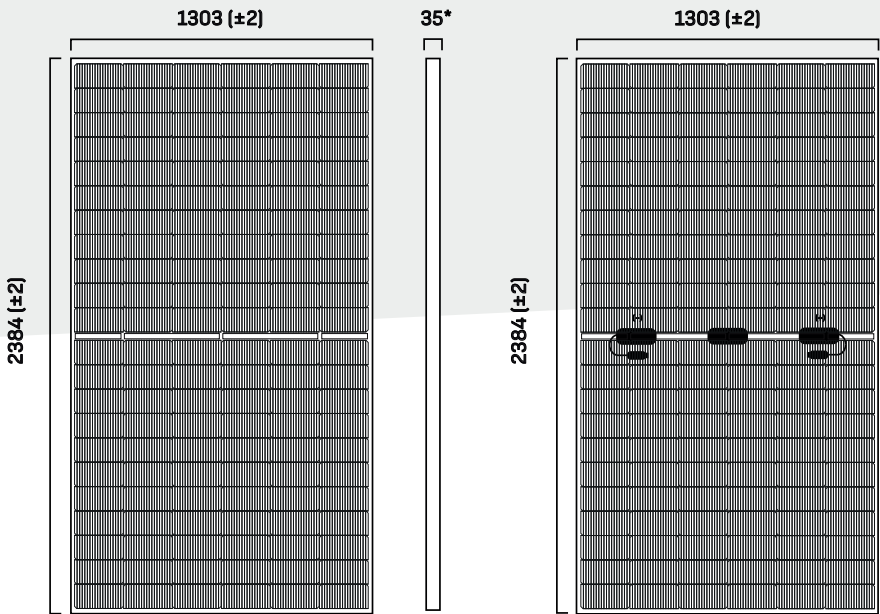
Premium Performance Warranty



24.46%
Max Module Efficiency

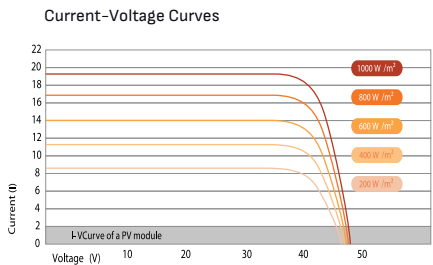
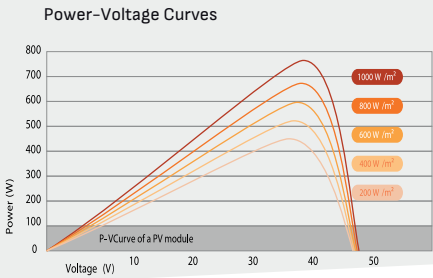
30 Y Warranty
on materials & workmanship

ENGINEERING DRAWINGS (mm)



ELECTRICAL PERFORMANCE & TEMPERATURE

DEPENDENCE | SNG - 760



MODULE TYPE	SNG-740 W	SNG-745 W	SNG-750 W	SNG-755 W	SNG-760 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)	740 Wp	745 Wp	750 Wp	755 Wp	760 Wp
Maximum Power Voltage [Vmp]	44.62 V / 40.57 V	44.77 V / 40.63 V	44.94 V / 40.69 V	45.08 V / 40.75 V	45.21 V / 40.81 V
Maximum Power Current [Imp]	16.59 A / 14.29 A	16.65 A / 14.37 A	16.69 A / 14.45 A	16.75 A / 14.53 A	16.82 A / 14.61 A
Open-Circuit Voltage [Voc]	50.47 V / 46.28 V	50.54 V / 46.34 V	50.61 V / 46.4 V	50.69 V / 46.46 V	50.77 V / 46.52 V
Short-Circuit Current [Isc]	18.27 A / 15.23 A	18.33 A / 15.31 A	18.4 A / 15.39 A	18.5 A / 15.47 A	18.62 A / 15.55 A
Module Efficiency (%)	23.82 %	23.98 %	24.14 %	24.30 %	24.46 %

BIFACIAL OUTPUT- REAR SIDE	SNG-740 W	SNG-745 W	SNG-750 W	SNG-755 W	SNG-760 W
Power gain 5 %	777 Wp	782 Wp	788 Wp	793 Wp	798 Wp
Power gain 15 %	814 Wp	820 Wp	825 Wp	831 Wp	836 Wp
Power gain 25 %	851 Wp	857 Wp	863 Wp	868 Wp	874 Wp

ALL MODULES DATA

Operating Temperature (DC)	- 40 °C to + 85 °C
Maximum System Voltage	1500 VDC
Maximum Series Fuse Rating	30 A
Power Output Tolerance ⁽¹⁾	± 5 %
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 (6x22)
Dimensions	2384x1303x35* mm
Weight	37.5 kg
Front Glass	2.0 mm Anti-reflective
Back Glass	2.0 mm tempered glass
Frame	Anodized Aluminum Alloy Silver Frame*
Junction Box	IP68 Rated, 3 diodes
Output Cables	TUV 1x4.0 mm² / 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 (± 5 %), Isc & Voc (± 5 %)

⁽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.