SUNGI SOLAR

SNG ENTERPRISE

Product Information Sheet SNG 760-780 Watt HJT Technology

BIFACIAL

760–780 Watt

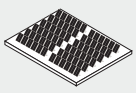
- **30 years** Product Material & Workmanship
- **30 years** Linear Performance Warranty
- **1 %** 1st-year Degradation
- **0.4 %** Annual Degradation

Highest quality with our cells
18 MBB HJT Technology

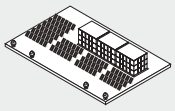
Quality and Safety

- 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.

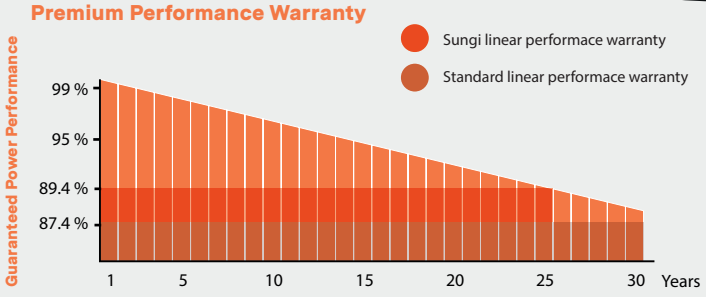


Solar power plants



Off-grid systems

Premium Performance Warranty



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

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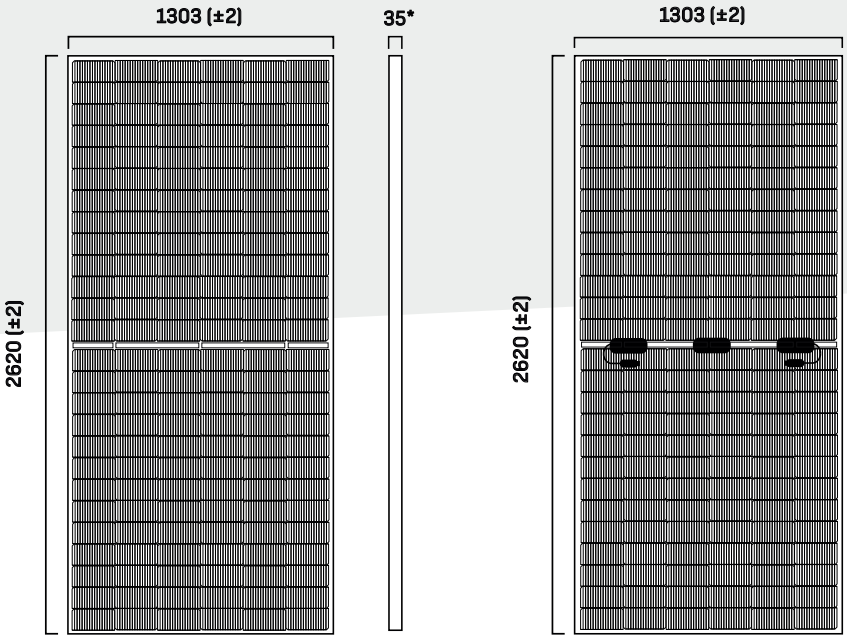
22.84%
Max Module Efficiency

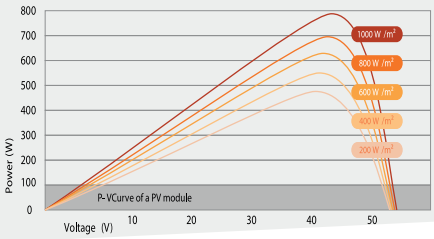
30 Y Warranty
on materials & workmanship

ENGINEERING DRAWINGS (mm)

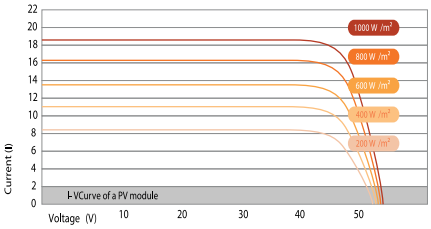


ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE | SNG - 780

Power-Voltage Curves



Current-Voltage Curves



MODULE TYPE	SNG-760 W	SNG-765 W	SNG-770 W	SNG-775 W	SNG-780 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)	760 Wp	765 Wp	770 Wp	775 Wp	780 Wp
Maximum Power Voltage (Vmp)	42.84 V / 40.21 V	43.03 V / 40.39 V	43.22 V / 40.57 V	43.41 V / 40.75 V	43.60 V / 40.49 V
Maximum Power Current (Imp)	17.75 A / 14.32 A	17.78 A / 14.35 A	17.82 A / 14.38 A	17.86 A / 14.41 A	17.89 A / 14.43 A
Open-Circuit Voltage (Voc)	51.85 V / 49.53 V	52.08 V / 49.75 V	52.31 V / 49.97 V	52.54 V / 50.20 V	52.70 V / 50.35 V
Short-Circuit Current (Isc)	18.75 A / 15.14 A	18.79 A / 15.18 A	18.83 A / 15.20 A	18.87 A / 15.23 A	18.93 A / 15.30 A
Module Efficiency (%)	22.26 %	22.40 %	22.55 %	22.70 %	22.84 %

BIFACIAL OUTPUT- REARSIDE	SNG-760 W	SNG-765 W	SNG-770 W	SNG-775 W	SNG-780 W
Power gain 5 %	798 Wp	803 Wp	808 Wp	813 Wp	818 Wp
Power gain 15 %	873 Wp	879 Wp	885 Wp	891 Wp	897 Wp
Power gain 25 %	949 Wp	955 Wp	961 Wp	967 Wp	973 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]	± 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

Testing Conditions STC²/NMOT³ | Irradiance 1000 W/m 800 W/m | Module Temperature 25 °C 20 °C | AM 1.5 Wind Speed 1m/s | Fire Rating Class 1

[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

TECHNICAL SPECIFICATION

Cell type	HJT Technology (210x105 mm)
Number of cells	144 (2×72)
Dimensions	2620x1303x35* mm
Weight	46 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

PACKAGING CONFIGURATION

40' Container

- 31 pcs per pallet
- 14 pallets
- 434 total pcs