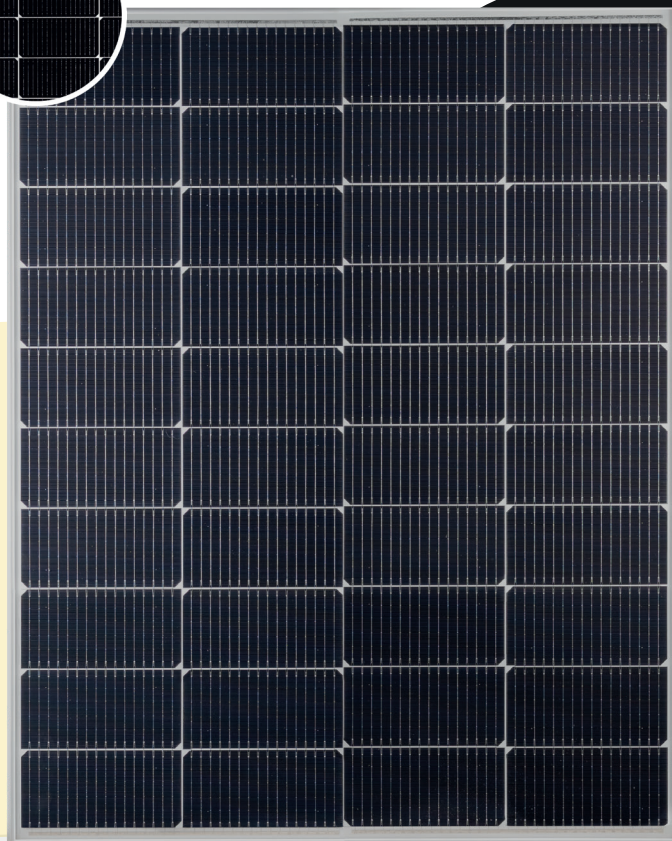
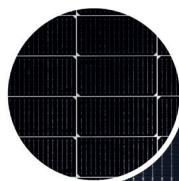


Product Information Sheet SNG 200 Watt TOPCon Technology

HC MONO 200 Watt

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

Highest quality with our cells
16 MBB TOPCon Technology



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

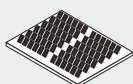
- ✓ **Anti-PID Guarantee**
Minimizes the risk of degradation caused by PID phenomena by optimizing cell production technology and material control.
- ✓ **Multi-busbar Technology**
Higher performance, higher reliability, and greater (electrical) resilience.



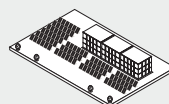
On-grid residential roof-tops



On-grid commercial Industrial roof-tops



Solar power plants

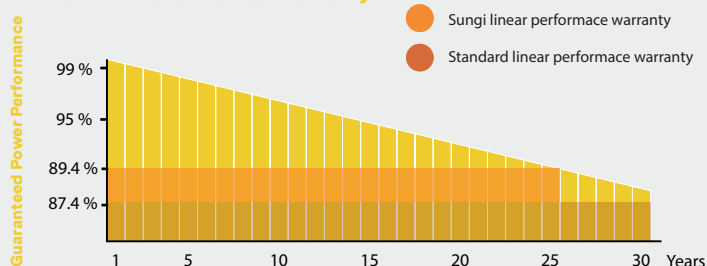


Off-grid systems

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

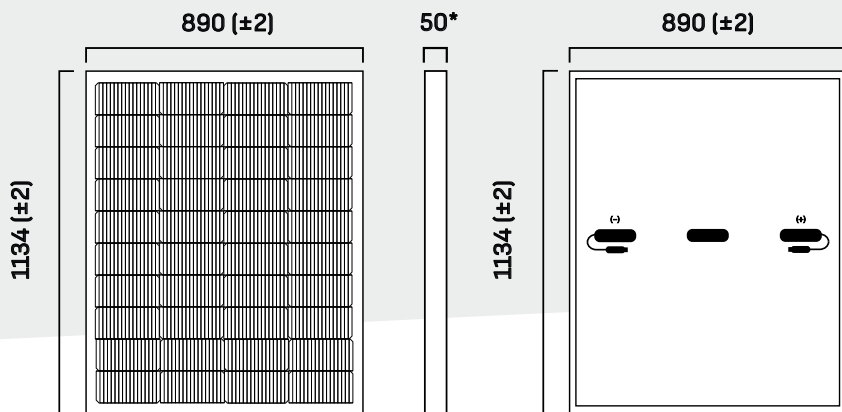
Premium Performance Warranty



19.81 %
Max Module Efficiency

25 Y Warranty
on materials & workmanship

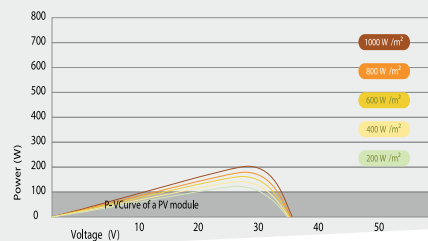
ENGINEERING DRAWINGS (mm)



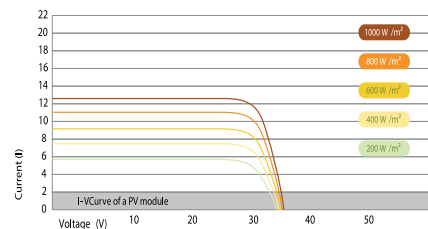
ELECTRICAL PERFORMANCE & TEMPERATURE

DEPENDENCE | SNG - 200

Power-Voltage Curves



Current-Voltage Curves



MODULE TYPE	SNG-200W
Testing Conditions	STC ^[2] / NMOT ^[3]
Maximum Power at STC (Pmax)	200 Wp
Maximum Power Voltage (Vmp)	24.40 V / 22.10 V
Maximum Power Current (Imp)	8.55 A / 6.34 A
Open-Circuit Voltage (Voc)	28.24 V / 26.82 V
Short-Circuit Current (Isc)	9.01 A / 7.27 A
Module Efficiency (%)	19.81 %

ALL MODULES DATA	
Operating Temperature (DC)	- 40 °C to + 85 °C
Maximum System Voltage	1500 VDC
Maximum Series Fuse Rating	20 A
Power Output Tolerance ^[1]	± 5 %
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 (± 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 °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.

TECHNICAL SPECIFICATION

Cell type	MonoTOPCon Technology (210x105 mm)
Number of cells	40 (4×10)
Dimensions	1134x890x50* mm
Weight	18 kg
Front Glass	6 mm Tempered glass
Frame	Anodized Aluminum Alloy Silver Frame*
Junction Box	IP68 Rated
Output Cables	4.0 mm² / UL 12 AWG*
Output Cables Length	1100 mm*
Connectors	MC 4

PACKAGING CONFIGURATION



40' Container

- 21 pcs per pallet
- 52 pallets
- 1092 total pcs