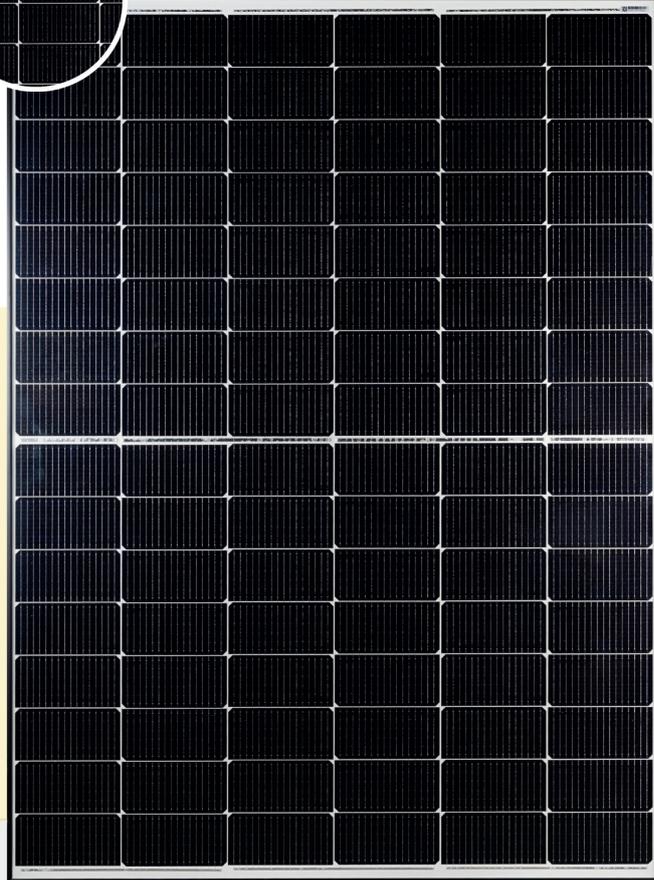
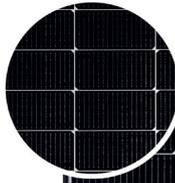


Product Information Sheet SNG 380-400 Watt TOPCon Technology

HC MONO
380-400 Watt

Highest quality with our cells
16 MBB TOPCon 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.



On-grid residential roof-tops

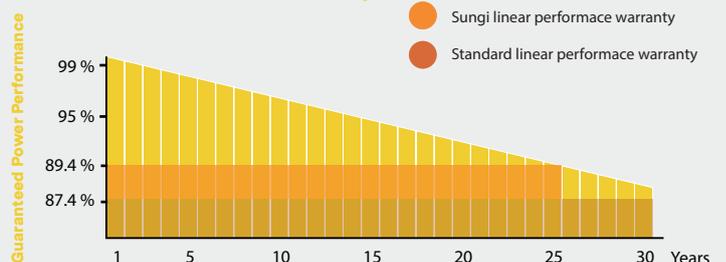


On-grid commercial Industrial roof-tops

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
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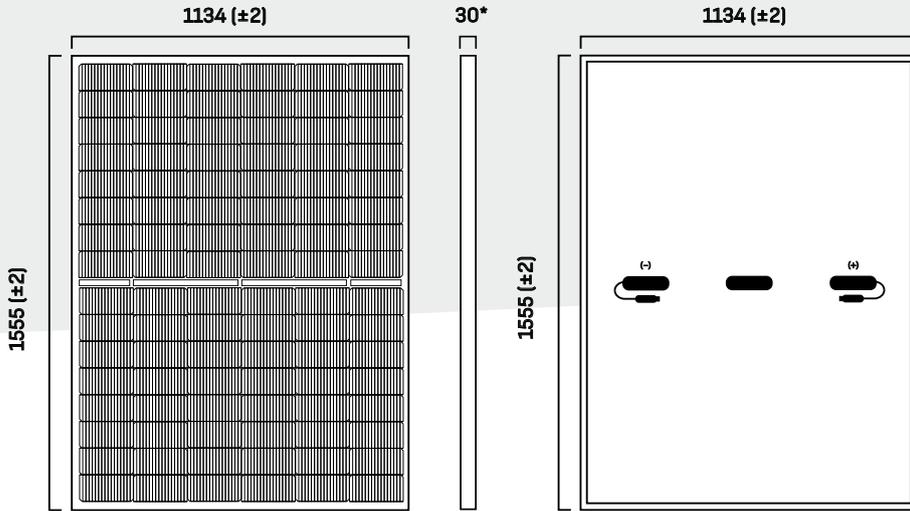
Premium Performance Warranty



22.68 %
Max Module Efficiency

30 Y Warranty
on materials & workmanship

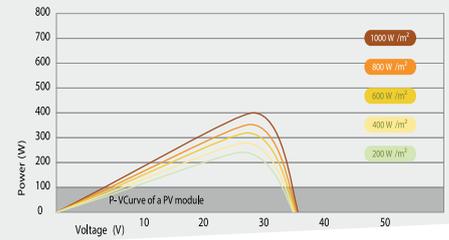
ENGINEERING DRAWINGS (mm)



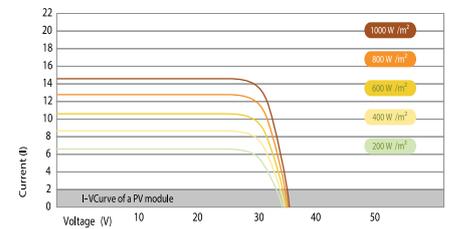
ELECTRICAL PERFORMANCE & TEMPERATURE

DEPENDENCE | SNG - 400

Power-Voltage Curves



Current-Voltage Curves



MODULE TYPE	SNG-380 W	SNG-385 W	SNG-390 W	SNG-395 W	SNG-400 W
Testing Conditions	STC ⁽²⁾ / NMOT ⁽³⁾				
Maximum Power at STC (Pmax)	380 Wp	385 Wp	390 Wp	395 Wp	400 Wp
Maximum Power Voltage (Vmp)	28.69 V / 26.92 V	28.88 V / 27.11 V	29.07 V / 27.28 V	29.26 V / 27.46 V	29.44 V / 27.63 V
Maximum Power Current (Imp)	13.26 A / 10.69 A	13.34 A / 10.76 A	13.43 A / 10.82 A	13.51 A / 10.89 A	13.59 A / 10.95 A
Open-Circuit Voltage (Voc)	34.72 V / 33.17 V	34.95 V / 33.39 V	35.18 V / 33.61 V	35.40 V / 33.82 V	35.63 V / 34.04 V
Short-Circuit Current (Isc)	14.01 A / 11.31 A	14.09 A / 11.37 A	14.18 A / 11.45 A	14.27 A / 11.52 A	14.36 A / 11.59 A
Module Efficiency (%)	21.54 %	21.83 %	22.11 %	22.40 %	22.68 %

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

TECHNICAL SPECIFICATION

Cell type	TOPCon Technology (182x91 mm)
Number of cells	96 (2x48)
Dimensions	1555x1134x30* mm
Weight	17.2 kg
Front Glass	3.2 mm anti-reflection
Frame	Anodized Aluminum Alloy Black Frame*
Junction Box	IP68 Rated
Output Cables	TUV 1x4.0 mm ² / UL 12 AWG*
Output Cables Length	1200 mm*
Connectors	MC 4

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

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PACKAGING CONFIGURATION



40' Container

- 36 pcs per pallet
- 28 pallets
- 1008 total pcs



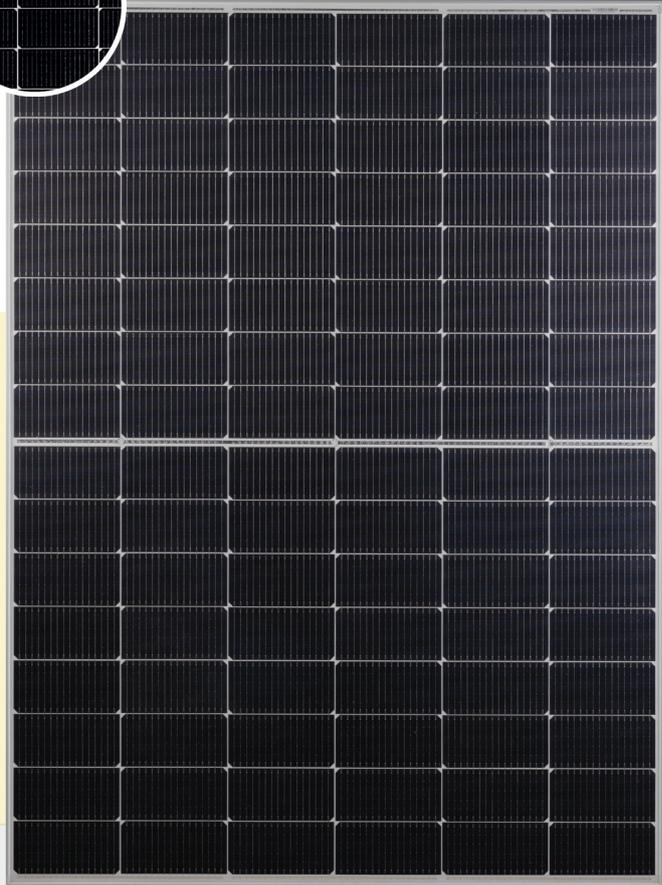
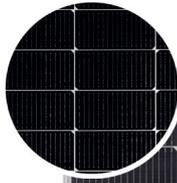
20' Container

- 36 pcs per pallet
- 12 pallets
- 432 total pcs

Product Information Sheet SNG 380-400 Watt TOPCon Technology

HC MONO
380-400 Watt

Highest quality with our cells
16 MBB TOPCon 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 %
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- 🏆 **Fire Test: Class 1**

- ✔ **Anti-PID Guarantee**
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On-grid residential roof-tops

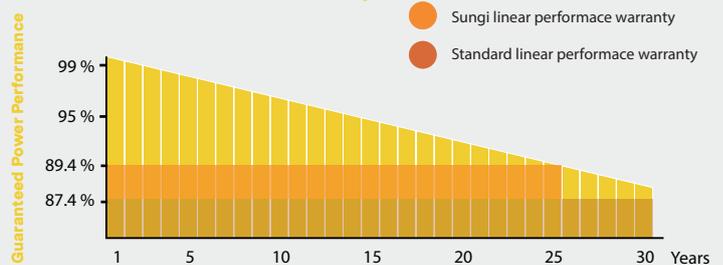


On-grid commercial Industrial roof-tops

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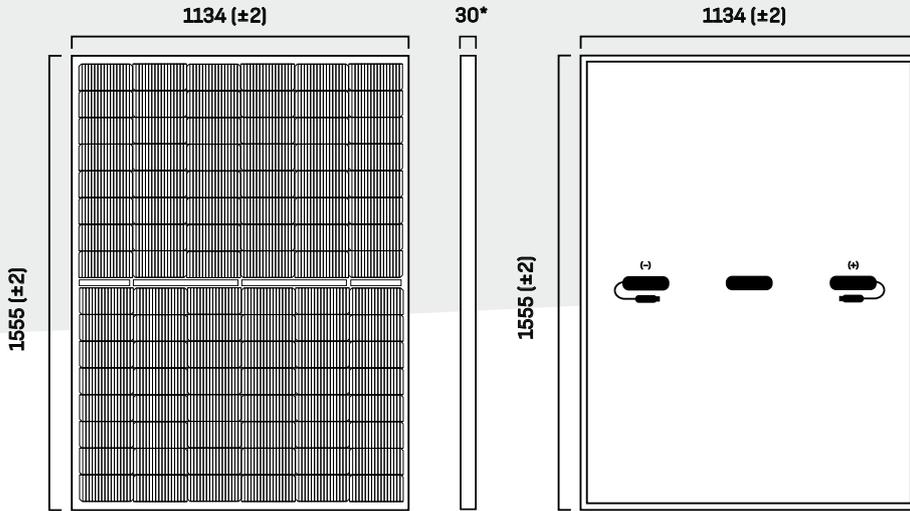
Premium Performance Warranty



22.68 %
Max Module Efficiency

30 Y Warranty
on materials & workmanship

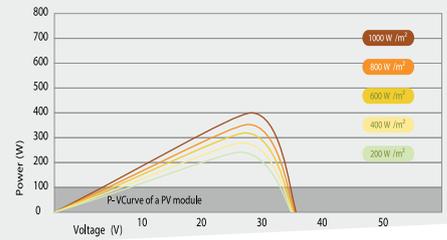
ENGINEERING DRAWINGS (mm)



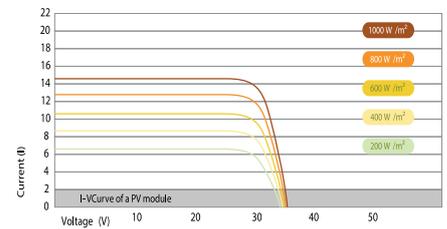
ELECTRICAL PERFORMANCE & TEMPERATURE

DEPENDENCE | SNG - 400

Power-Voltage Curves



Current-Voltage Curves



MODULE TYPE	SNG-380 W	SNG-385 W	SNG-390 W	SNG-395 W	SNG-400 W
Testing Conditions	STC ⁽²⁾ / NMOT ⁽³⁾				
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ALL MODULES DATA

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TECHNICAL SPECIFICATION

Cell type	TOPCon Technology (182x91 mm)
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Dimensions	1555x1134x30* mm
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Frame	Anodized Aluminum Alloy Silver Frame*
Junction Box	IP68 Rated
Output Cables	TUV 1x4.0 mm ² / UL 12 AWG*
Output Cables Length	1200 mm*
Connectors	MC 4

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 %)

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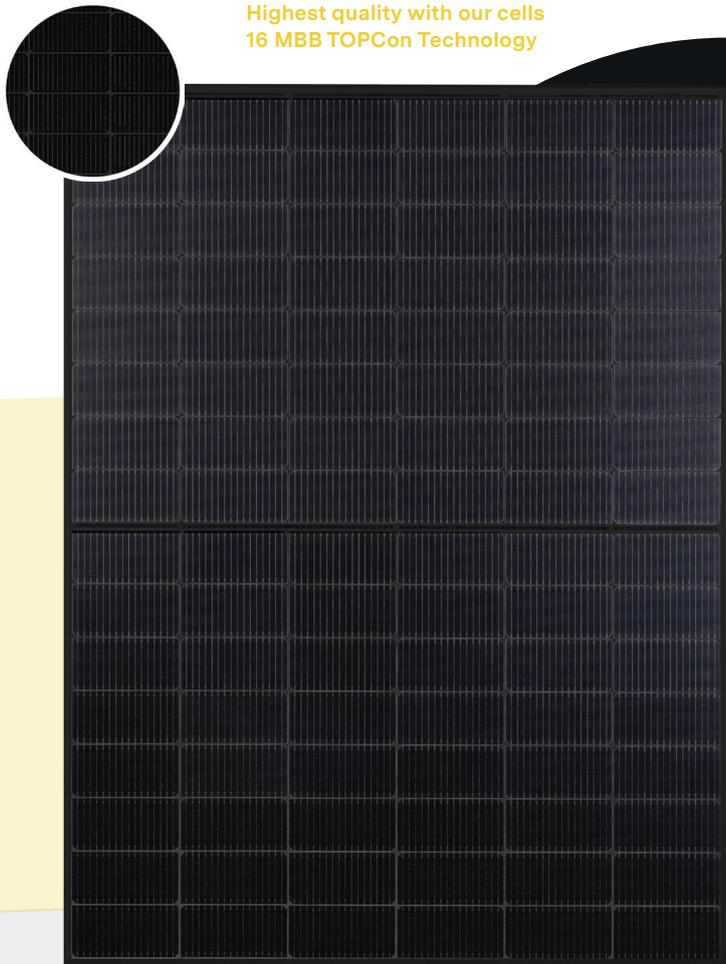
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On-grid residential roof-tops

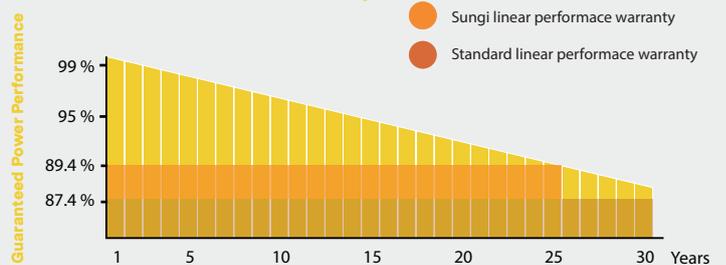


On-grid commercial Industrial roof-tops

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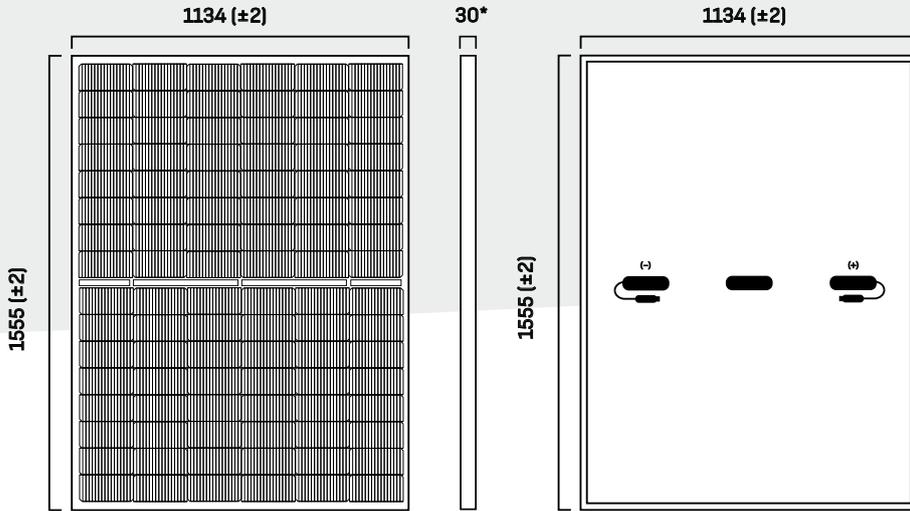
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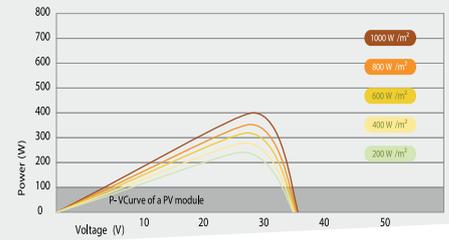
ENGINEERING DRAWINGS (mm)



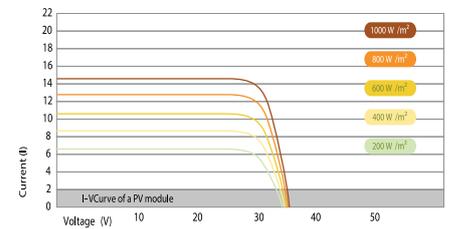
ELECTRICAL PERFORMANCE & TEMPERATURE

DEPENDENCE | SNG - 400

Power-Voltage Curves



Current-Voltage Curves



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Connectors	MC 4

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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

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