SUNGI SOLAR

SNG ENTERPRISE

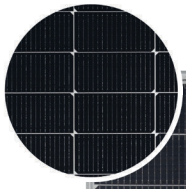
# Product Information Sheet SNG 715-730 Watt TOPCon Technology

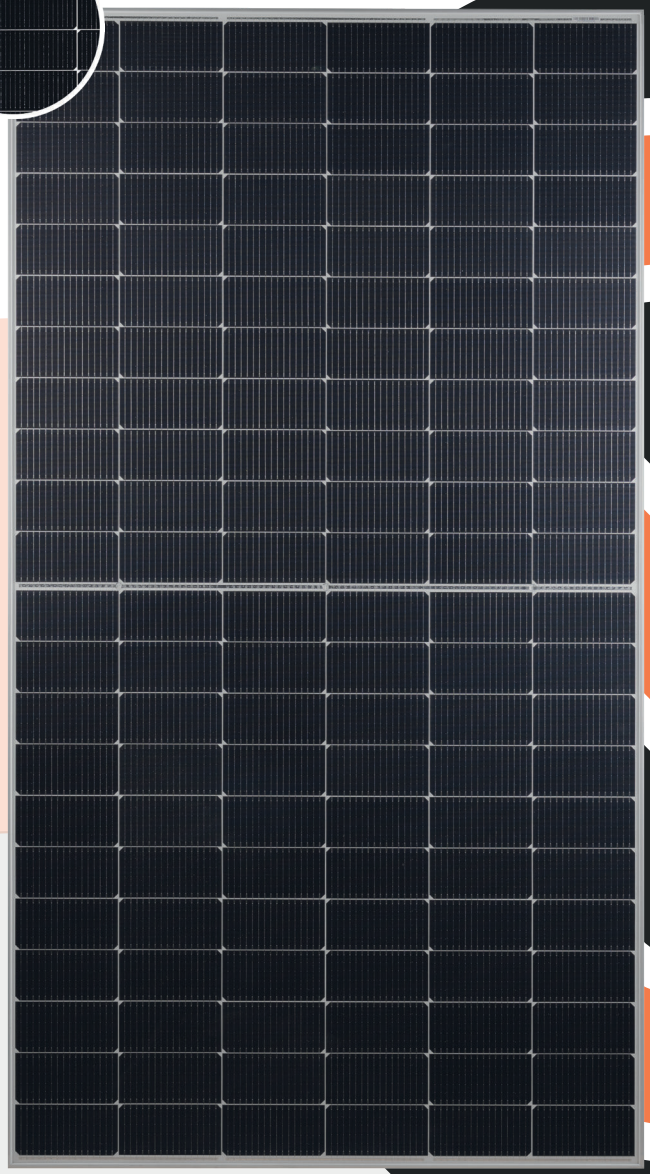
## BIFACIAL

# 715-730 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 TOPCon Technology

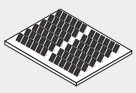




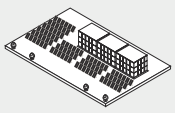
## Quality and Safety

- Industry-leading power output warranty
  25 years / 89.4 %
  30 years / 87.4 %
- 30-year warranty on materials & workmanship
- Fire Test : According to EN13501-1 and 13501-5

- **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.

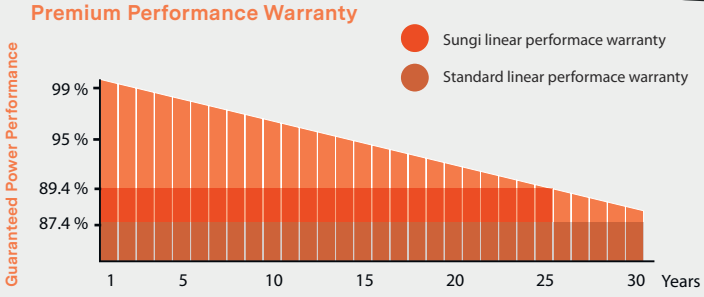


Solar power plants



Off-grid systems

### Premium Performance Warranty




### Complete System and Product Certifications

IEC 61215, IEC 61730, 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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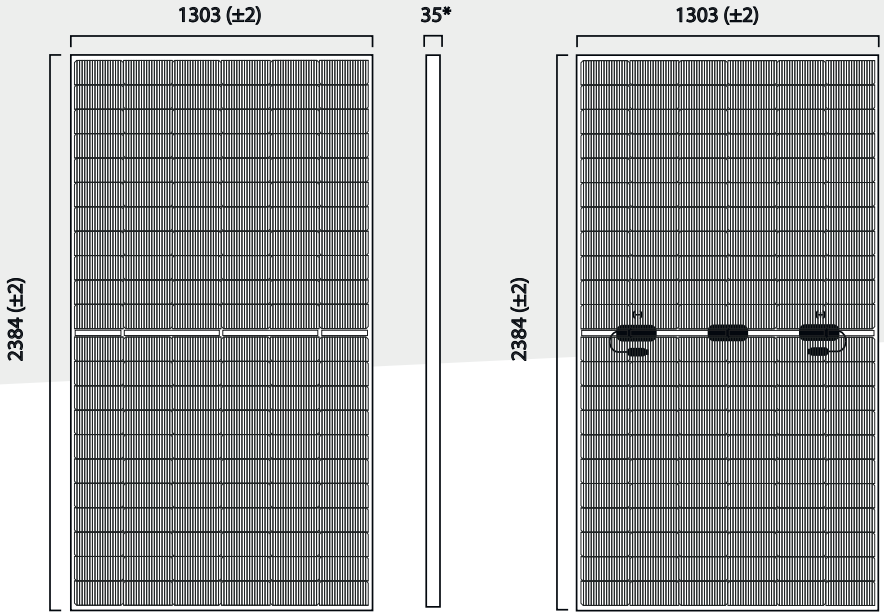
**23.50 %**
*Max Module Efficiency*

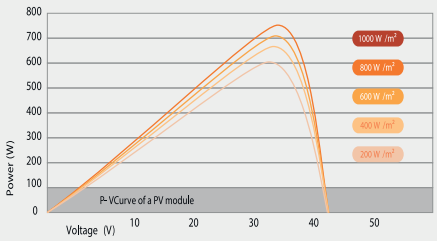
**30 Y Warranty**
*on materials & workmanship*

## ENGINEERING DRAWINGS (mm)

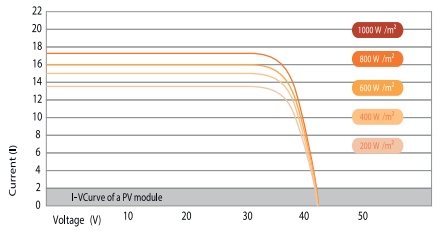



## ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE | SNG 730-B132DG

Power-Voltage Curves




Current-Voltage Curves




| MODULE TYPE | SNG715-B132DG | SNG720-B132DG | SNG725-B132DG | SNG730-B132DG |
|---|---|---|---|---|
| Testing Conditions | STC[2]/ NMOT[3] | STC[2]/ NMOT[3] | STC[2]/ NMOT[3] | STC[2]/ NMOT[3] |
| Maximum Power at STC (Pmax)[1] | 715 Wp | 720 Wp | 725 Wp | 730 Wp |
| Maximum Power Voltage (Vmp) | 40.60 V / 34.83 V | 40.80 V / 34.99 V | 41.00 V / 35.12 V | 41.20 V / 35.26 V |
| Maximum Power Current (Imp) | 17.62 A / 15.75 A | 17.65 A / 15.78 A | 17.69 A / 15.80 A | 17.72 A / 15.83 A |
| Open-Circuit Voltage (Voc)[1] | 48.50 V / 43.33 V | 48.70 V / 43.46 V | 48.90 V / 43.61 V | 49.10 V / 43.73 V |
| Short-Circuit Current (Isc)[1] | 18.64 A / 16.31 A | 18.69 A / 16.35 A | 18.74 A / 16.40 A | 18.79 A / 16.44 A |
| Module Efficiency (%) | 23.02 % | 23.18 % | 23.34 % | 23.50 % |

| SPECIFICATIONS (BNPI) | SNG715-B132DG | SNG720-B132DG | SNG725-B132DG | SNG730-B132DG |
|---|---|---|---|---|
| Maximum Power (Pmax)[1] | 787 Wp | 792 Wp | 798 Wp | 803 Wp |
| Maximum Power Voltage (Vmp) | 40.60 V | 40.80 V | 41.00 V | 41.20 V |
| Maximum Power Current (Imp) | 19.38 A | 19.42 A | 19.46 A | 19.49 A |
| Open-Circuit Voltage (Voc)[1] | 48.65 V | 48.85 V | 49.05 V | 49.25 V |
| Short-Circuit Current (Isc)[1] | 20.50 A | 20.56 A | 20.61 A | 20.67 A |
| Module Efficiency (%) | 25.33 % | 25.49 % | 25.68 % | 25.85 % |

## ALL MODULES DATA

| | |
|---|---|
| Operating Temperature (DC) | - 40 °C to + 85 °C |
| Maximum System Voltage | 1500 VDC |
| Maximum Series Fuse Rating | 35 A |
| Temperature Coefficients of Pmax | - 0.26 % / °C |
| Temperature Coefficients of Voc | - 0.23 % / °C |
| Temperature Coefficients of Isc | +0.045 % / °C |
| Nominal Operating Cell Temperature (NOCT) | 43 ± 2 °C |
| Power sorting | 0 + 4.99 Wp |
| Maximum Static Test Load | 5400 Pa (Front) / 2400 Pa (Rear) |

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

[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

## TECHNICAL SPECIFICATION

| | |
|---|---|
| Cell type | TOPCon Technology (210x105 mm) |
| Number of cells | 132 (2×66) |
| Dimensions | 2384x1303x35* mm |
| Weight | 38.4 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, 3 diodes |
| Output Cables | TUV 1x4.0 mm² / UL 12 AWG* |
| Output Cables Length | 300 mm* |
| Connectors | MC4 or Compatible |

## PACKAGING CONFIGURATION

**40' Container**

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

Specifications included in this datasheet are subject to change without notice. SUNGI SOLAR reseves all the rights to final integrations.