

## 300 SERIES

66 FULL CELL POLY MODULE

5BB POLY CELL 157MMX157MM

### WHY SENZA SOLAR?



5 Busbar A Grade Solar Cell



PID Resistance



Higher Lifetime Power Yield:



Light-weight design:



Higher power output:



Better low-light performance:

### Trust Senza to Deliver Reliable Performance Over Time

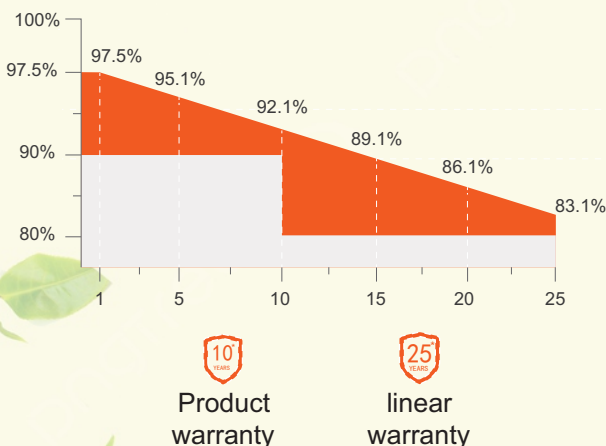
- World-class manufacturer of crystalline silicon photovoltaic modules
- Rigorous quality control meeting the highest international standards: ISO 9001, ISO 14001 and ISO 145001
- Regular independently checked production process from international accredited institute/company
- Tested for harsh environments (IEC 61730 1&2 , 61215 , 61701 , 62804)
- **ALMM** Listed panels
- Long-term reliability tests
- 100% EL inspection ensuring defect-free modules

### 5BB 157mmx157mm Cell



5BB Polycrystalline A+ Grade cell used for a high quality power generation even in low light condition. This Panels are for high temperature weather.

### Industry-leading Warranty based on nominal power



### IP68 Rated Junction Box

# IP68

The IP68 rated junction box ensures an outstanding waterproof level, supports installations in all orientations and reduces stress on the cables.



**ALMM**

## Electrical Characteristics

STC	SNS66FP295Wp-SNS66FP305Wp		
Maximum Power at STC (Pmax)	295W	300W	305W
Optimum Operating Voltage (Vmp) V	35.38	35.71	36.04
Optimum Operating Current (Imp) A	8.34	8.40	8.46
Open Circuit Voltage (Voc) V	41.78	42.11	42.44
Short Circuit Current (Isc) A	8.89	8.94	8.97
Module Efficiency (%)	16.37	16.65	16.92
Operating Module Temperature °C	-40 °C to +85 °C		
Maximum System Voltage V	1000 V DC		
Maximum Series Fuse Rating A	20 A		
Power Tolerance	Positive		

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25 °C, AM=1.5;  
Tolerance of Pmax is within +/- 2% ;

NMOT			
Maximum Power at NMOT (Pmax) W	213	216	219
Optimum Operating Voltage (Vmp) V	30.01	30.07	30.13
Optimum Operating Current (Imp) A	7.07	7.19	7.28
Open Circuit Voltage (Voc) V	37.31	37.37	37.44
Short Circuit Current (Isc) A	7.45	7.57	7.59

NMOT: Irradiance 800 W/m<sup>2</sup> ambient temperature 20 °C, AM=1.5, wind speed 1 m/s.

## Temperature Characteristics

Nominal Module Operating Temperature ( NMOT)	47 ± 2 °C
Temperature Coefficient of Pmax	-0.450%/°C
Temperature Coefficient of Voc	-0.350%/°C
Temperature Coefficient of Isc	0.050%/°C

## Mechanical Characteristics

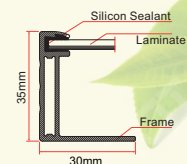
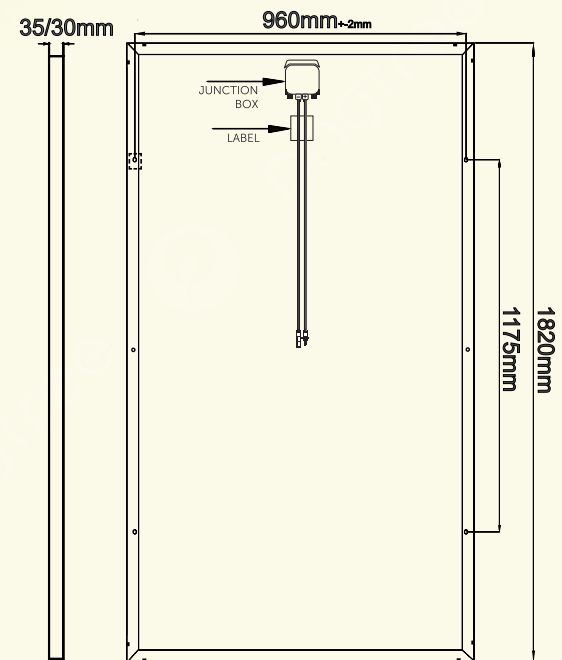
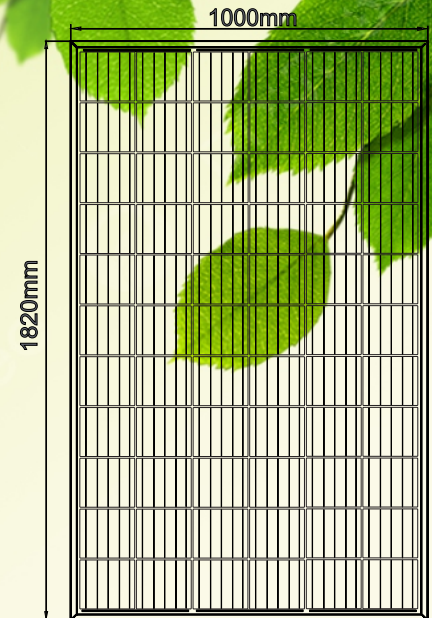
Solar Cell	157mmx157 mm
No. of Cells	66 (6 × 11)
Dimensions	1820x1000x35 mm
Weight	20.00 Kgs ( Box Packing)
Front Glass	3.2 mm fully tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated (3 bypass diodes)
Output Cables	4.0 mm <sup>2</sup> ,
Connectors	Mc4

## Packing Information

Modules Per Pallet	30 Modules
Total Pallet	22 Pallets
Total Modules 40 Ft HQ container	660 Modules

### Note:

- The specifications in this datasheet are subject to change without any notice.
- The electrical data given here is for reference purpose only.
- Please contact our sales team for any customized solutions.
- Please read safety and installation instructions before using the product.
- Subject to Bahadurgarh Jurisdiction.



# SENZA<sup>®</sup> SOLAR

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