

## 40-50-55-60-65-W

36 CUT CELL POLY MODULE

5BB POLY CELL



### WHY SENZA SOLAR?



5 Busbar A Grade Cut 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

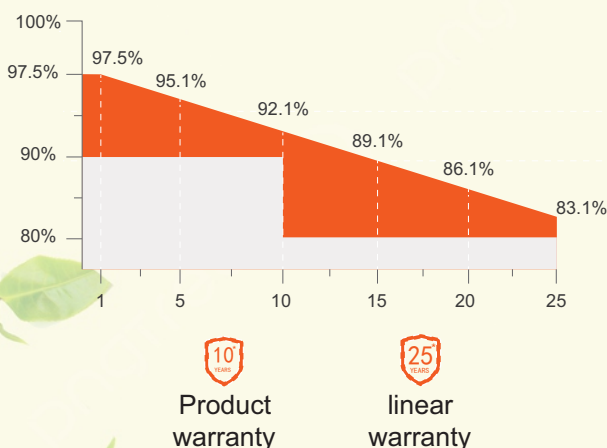
- World-class manufacturer of crystalline silicon photovoltaic modules
- Rigorous quality control meeting the highest international standards: ISO 9001, ISO 14001 and ISO 145001
- Regular independently checked production process from international accredited institute/company
- Tested for harsh environments (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	SNS36CP40Wp-SNS36CP60Wp				
Maximum Power at STC (Pmax)	40W	50W	55W	60W	65W
Optimum Operating Voltage (Vmp) V	19.00V	18.43V	19.30V	18.52V	18.70
Optimum Operating Current (Imp) A	2.10A	2.71A	2.85A	3.24A	3.30
Open Circuit Voltage (Voc) V	22.68V	22.28V	22.90V	22.32V	22.54
Short Circuit Current (Isc) A	2.21A	2.88A	3.00A	3.45A	3.51
Module Efficiency (%)	13.83%	13.80%	14.20%	14.32%	14.38%
Operating Module Temperature °C	-40 °C to +85 °C				
Maximum System Voltage V	600 V DC				
Maximum Series Fuse Rating A	6 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% ;

## 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

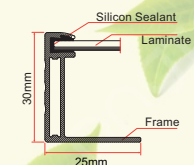
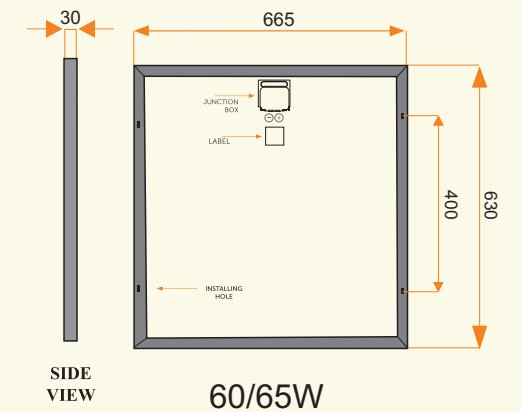
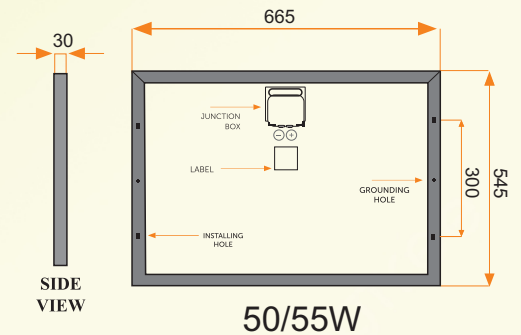
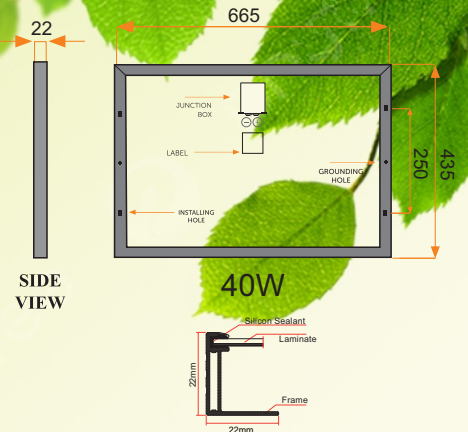
Solar Cell	39.25mmx157mm , 52.33mmx157mm
No. of Cells	36 (6 × 6)
Dimensions	435mmx665mmx30mm (40Wp)
	545mmx665mmx30mm (50/55Wp)
	630mmx665mmx30mm (60/65Wp)
Weight	22.00 Kgs ( Box Packing)
Front Glass	3.2 mm fully tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated
Output Cables	N/A
Connectors	N/A

## Packing Information

Modules Per Box	5 Modules
Modules Per Pallet	50 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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