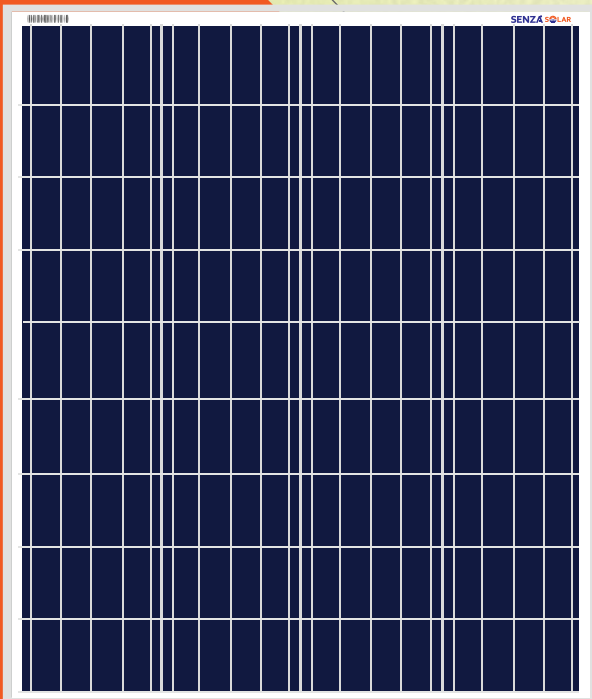# SENZA® SOLAR

75 W SERIES

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:

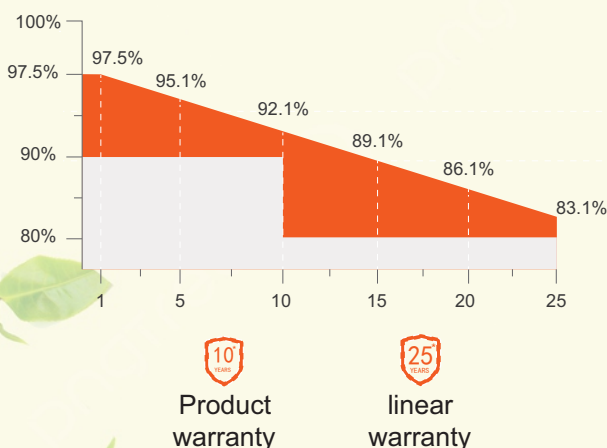## Trust Senza to Deliver Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Rigorous quality control meeting the highest international standards: ISO 9001
- 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 Polycrystiline 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

- 97.5%
- 95.1%
- 92.1%
- 89.1%
- 86.1%
- 83.1%

100%
97.5%
90%
80%

1   5   10   15   20   25

10 YEARS Product warranty

25 YEARS linear warranty

IP68 Rated Junction Box

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

IP68

MNRE APPROVED Govt. of India

IEC

NSIC ISO 9001:2015

CE

UL

ISO 9001:2015 CERTIFIED COMPANY

ALMM

Electrical Characteristics

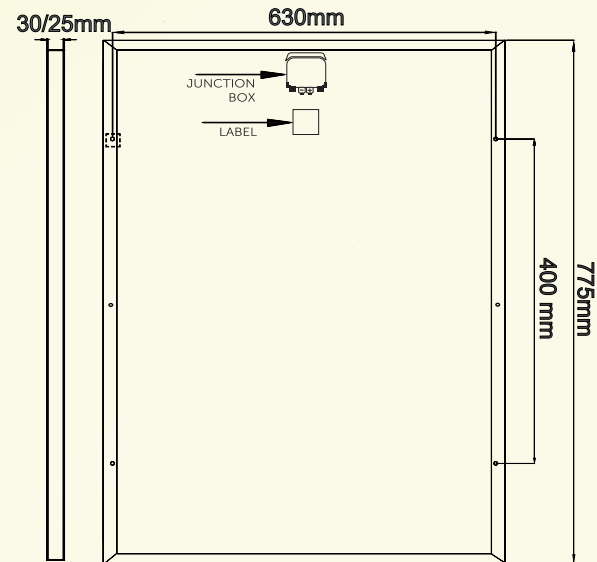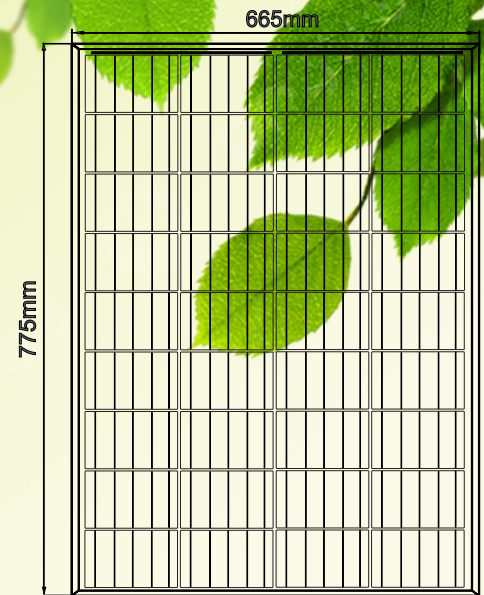| STC	SNS36CP75Wp-SNS36CP80Wp	
Maxiium Power at STC (Pmax)	75W	80W
Optimum Operating Voltage (Vmp) V	18.45V	18.91V
Optimum Operating Current (Imp) A	4.06A	4.23A
Open Circuit Voltage (Voc) V	22.25V	22.68V
Short Circuit Current (Isc) A	4.34A	4.42A
Module Efficiency (%)	14.26%	15.42%
Operating Module Temperature °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/m² 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

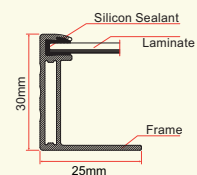|	
Solar Cell	78.5mmx157 mm
No. of Cells	36 (4 × 9)
Dimensions	775x665x30 mm
Weight	6.60 Kg (Box Packing)
Front Glass	3.2 mm fully tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated
Output Cables	N/A
Connectors	N/A

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.

665mm

775mm

30/25mm

630mm

JUNCTION BOX

LABEL

775mm

400 mm

Silicon Sealant

Laminate

30mm

Frame

25mm

SENZA® SOLAR

Manufacturing: SUN N SAND EXIM INDIA PVT. LTD.
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Email: info.sns@senzasolar.com , psirohiya@gmail.com

ISO 9001:2015

ALMM