

# SENZA<sup>®</sup> SOLAR

## M10 MONOFACIAL MODULE

### 225WP-235WP

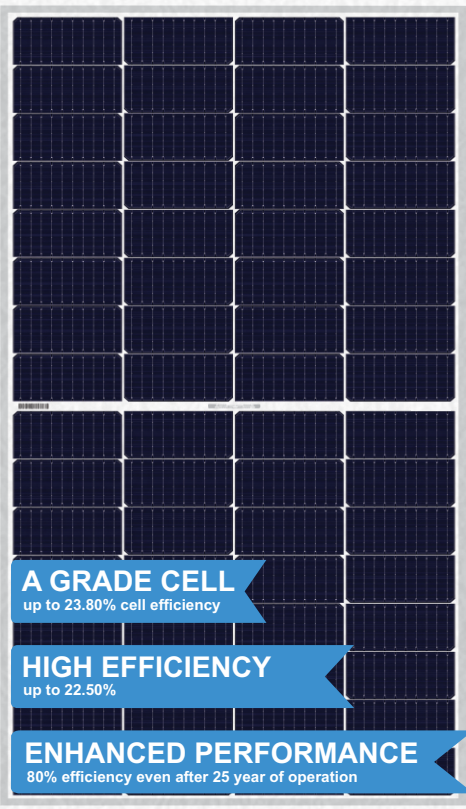


**225W-235W**  
Power Output Range

**0/+2W**  
Positive Power Tolerance

**64 CELL**  
Mono Half Cut Module

**upto 22.50%**  
Maximum Efficiency



**A GRADE CELL**  
up to 23.80% cell efficiency

**HIGH EFFICIENCY**  
up to 22.50%

**ENHANCED PERFORMANCE**  
80% efficiency even after 25 year of operation

## WHY SENZA SOLAR



**Withstanding Harsh Environment**  
Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline.



**Low-light Performance**  
Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.



**High Efficiency**  
High module conversion efficiency (up to 22.50%), through innovative manufacturing technology.



**Severe Weather Resilience**  
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



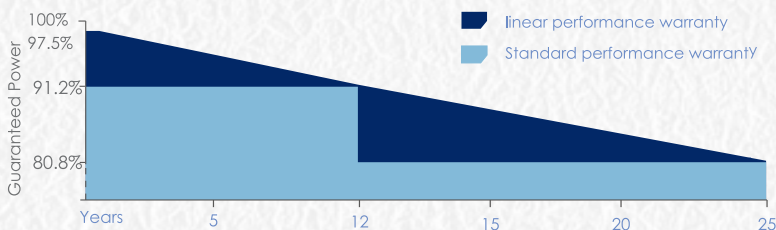
**Higher Quality Assurance**  
100% EL test, providing higher quality assurance



**Maximized Energy Harvest**  
Impedance matching technology eliminates mismatch losses, more power from each module bin.

## LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty | 25 Year Linear Power Warranty



## Electrical Characteristics

STC	SNS64CM225Wp-SNS64CM235Wp		
Maximum Power at STC (Pmax)	225W	230W	235W
Optimum Operating Voltage (Vmp)	18.24V	18.40V	18.56V
Optimum Operating Current (Imp)	12.34A	12.50A	12.66A
Open Circuit Voltage (Voc)	21.40V	21.56V	21.72V
Short Circuit Current (Isc)	13.40A	13.56A	13.72A
Module Efficiency	19.03%	19.45%	19.88%
Operating Module Temperature	-40 °C to +85 °C		
Maximum System Voltage	1500 V DC (IEC)		
Maximum Series Fuse Rating	30 A		
Power Tolerance	Positive		

STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5;  
Tolerance of Pmax is within +/- 3% ;

NMOT			
Maximum Power at NMOT (Pmax)	166W	170W	174W
Optimum Operating Voltage (Vmp)	17.24V	17.39V	17.54V
Optimum Operating Current (Imp)	9.69A	9.81A	9.94A
Open Circuit Voltage (Voc)	20.20V	20.35V	20.50V
Short Circuit Current (Isc)	10.52A	10.64A	10.77A

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)	42 ± 2 °C
Temperature Coefficient of Pmax	-0.320%/°C
Temperature Coefficient of Voc	-0.260%/°C
Temperature Coefficient of Isc	0.046%/°C

## Mechanical Characteristics

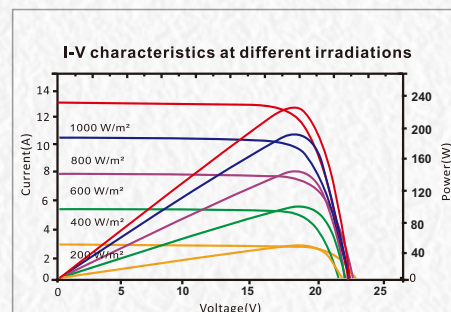
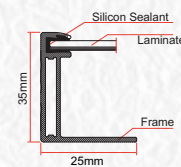
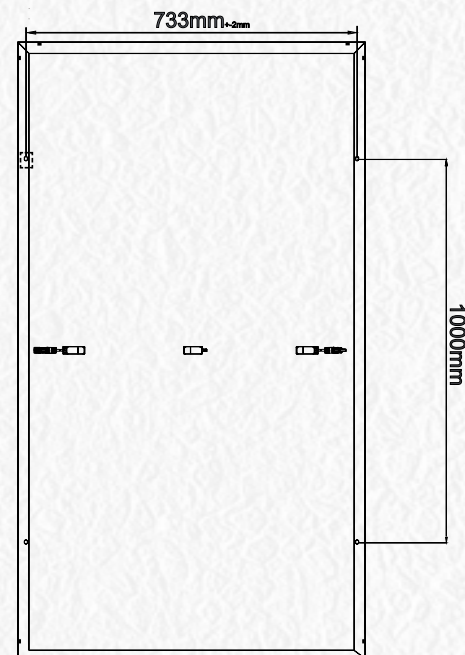
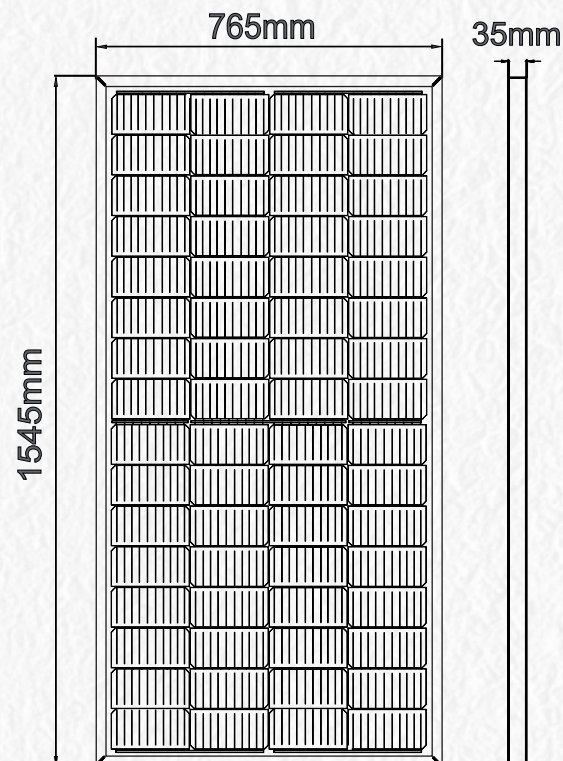
Solar Cell	91mmx182 mm
No. of Cells	64 (4 × 16)
Dimensions	1545 × 765 × 35 mm
Weight	14.00 kgs
Front Glass	3.2 mm fully tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated
Output Cables	4.0 mm <sup>2</sup>
Connectors	Mc4

## Packing Information

Modules Per Pallet	31 Modules
Total Pallet	45 Pallets
Total Modules 40 Ft HQ container	1395 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

Add.:- SUN N SAND EXIM INDIA PRIVATE LIMITED  
Plot No.-106, Sector-16, HSIIDC, Bahadurgarh, Haryana 124507  
Whatsapp & Toll Free : +91-8222875753 , 18001206635  
Website: [www.senzasolar.com](http://www.senzasolar.com)  
Email: [info.sns@senzasolar.com](mailto:info.sns@senzasolar.com) , [psirohiya@gmail.com](mailto:psirohiya@gmail.com)