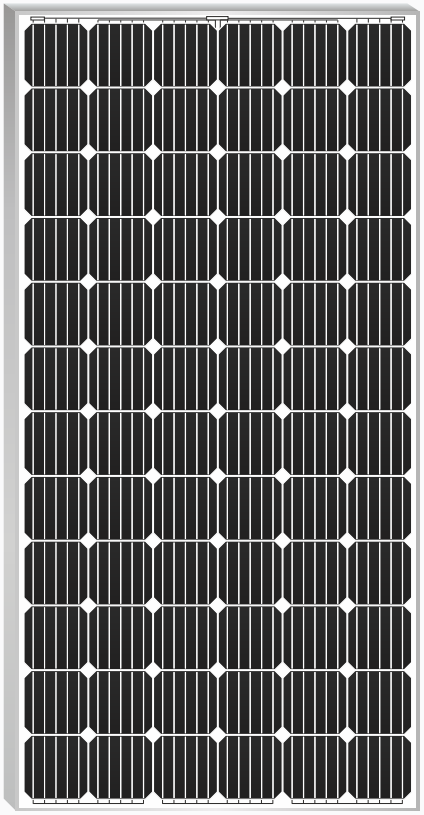
navitassolar™



Navisol Series

72 Cell / 5 BB Module

Mono Crystalline PERC Module

NS 360W to NS 385W

Navitas Solar's Modules are best in class in terms of Performance and Reliability.

Our meticulous product design and stringent quality control ensures our modules deliver an exceptionally high PV yield.

Excellent Module Efficiency

Up to 19.84%

Positive Power Tolerance

Up to 4.99W

10 Years

Product Warranty

25 Years

Performance Warranty

PID Resistant

Ideal for large scale installations
- High power reduces installation time & BOS costs

Highly reliable due to stringent quality control
- 100% EL Tested Before and After Lamination
- Over 30 in-house tests

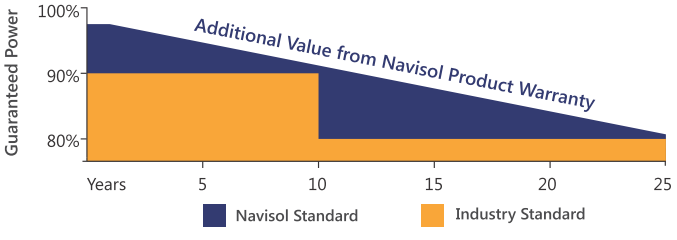
Excellent low light performance on cloudy days, mornings and evenings
- Advanced surface texturing
- Back surface field

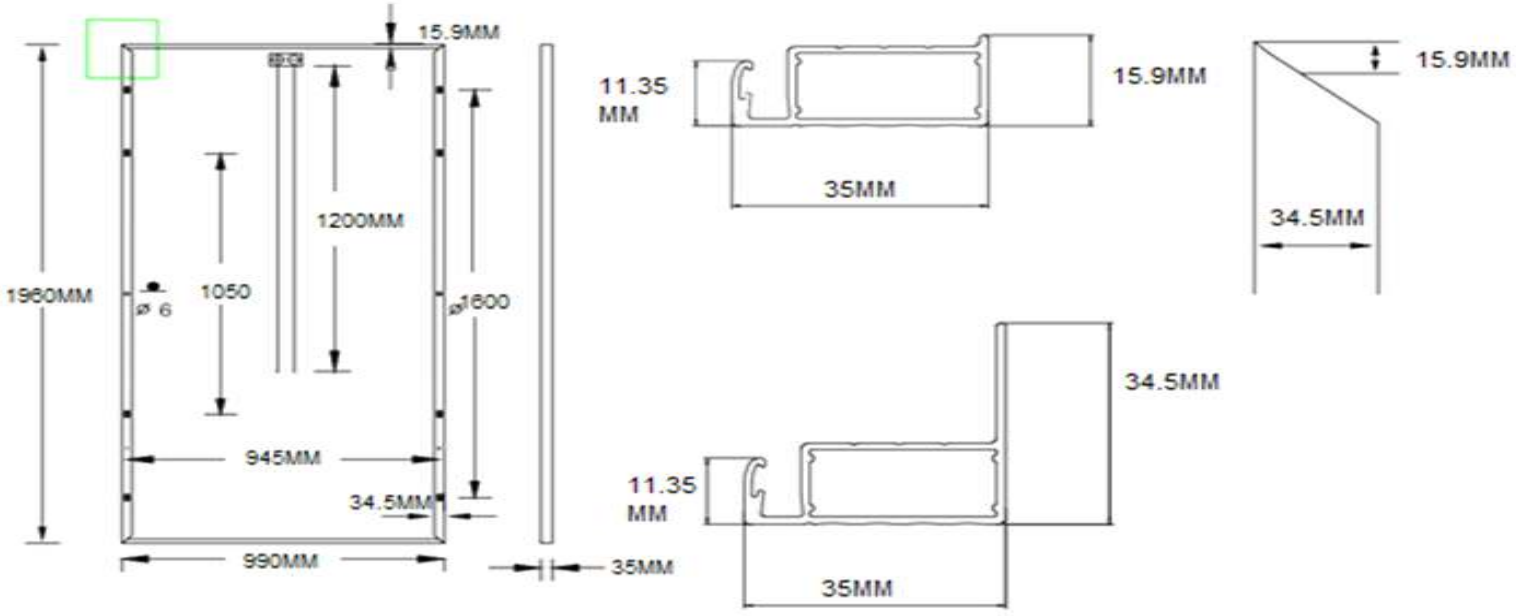
Maximize Limited Space with high efficiency
- Low thermal coefficients for high energy generation at high operating temperatures

High Durability Ensured
Durable PV Modules, Independently Tested for Harsh Environment Conditions Such as Exposure to Salt Mist, Ammonia and Known PID Risk Factors

Navisol Performance Warranty

10 Years Product Warranty - 25 Years Linear Power Warranty





ELECTRICAL DATA

Module Type	NSM360	NSM365	NSM370	NSM375	NSM380	NSM385
Peak Power Watts (Pmax)	360	365	370	375	380	385
Maximum Power Voltage (Vmp)	39.0	39.2	39.4	39.6	39.8	40.0
Maximum Power Current (Imp)	9.23	9.31	9.39	9.47	9.55	9.63
Open-circuit Voltage (Voc)	47.8	48.0	48.2	48.4	48.6	48.8
Short-circuit Current (Isc) (A)	9.68	9.73	9.78	9.83	9.88	9.93
Module Efficiency STC (%)	18.55	18.81	19.07	19.33	19.58	19.84
Operating Temperature (°C)	-40 to 85					
Maximum System Voltage	1500 V DC (IEC)					
Maximum series fuse rating	15/20 A					

Temperature Characteristics	
Specification	**Data**
Temperature Co-efficient (Pmax)	- 0.38%
Temperature Co-efficient (Voc)	- 0.31%
Temperature Co-efficient (Isc)	+ 0.05%
Nominal Operating Cell Temperature	45 ± 2°C

Mechinal Data	
Specification	**Data**
Cell Type	Mono Crystalline - PERC
Cell Arrangement	72 (6 x 12)
Dimensions	1960 x 990 x 35 mm
Weight	21 kgs.
Front Cover	3.2mm ARC Glass
Frame Material	Anodized Aluminum Alloy
Junction Box	IP 65 or IP 67
Cable	4mm² (IEC) / 4mm² & 12 AWG 1500V (1500V UL) 1200mm
Connectors	MC4 Comparable
By-Pass Diodes	3 Pcs

STC

- Irradiance 1000W/m²
- Cell Temperature 25°C
- AM = 1.5

NOCT

- Irradiance 800W/m²
- Cell Temperature 20°C
- AM = 1.5
- 1 m/s

*The above data is liable to change without prior notice