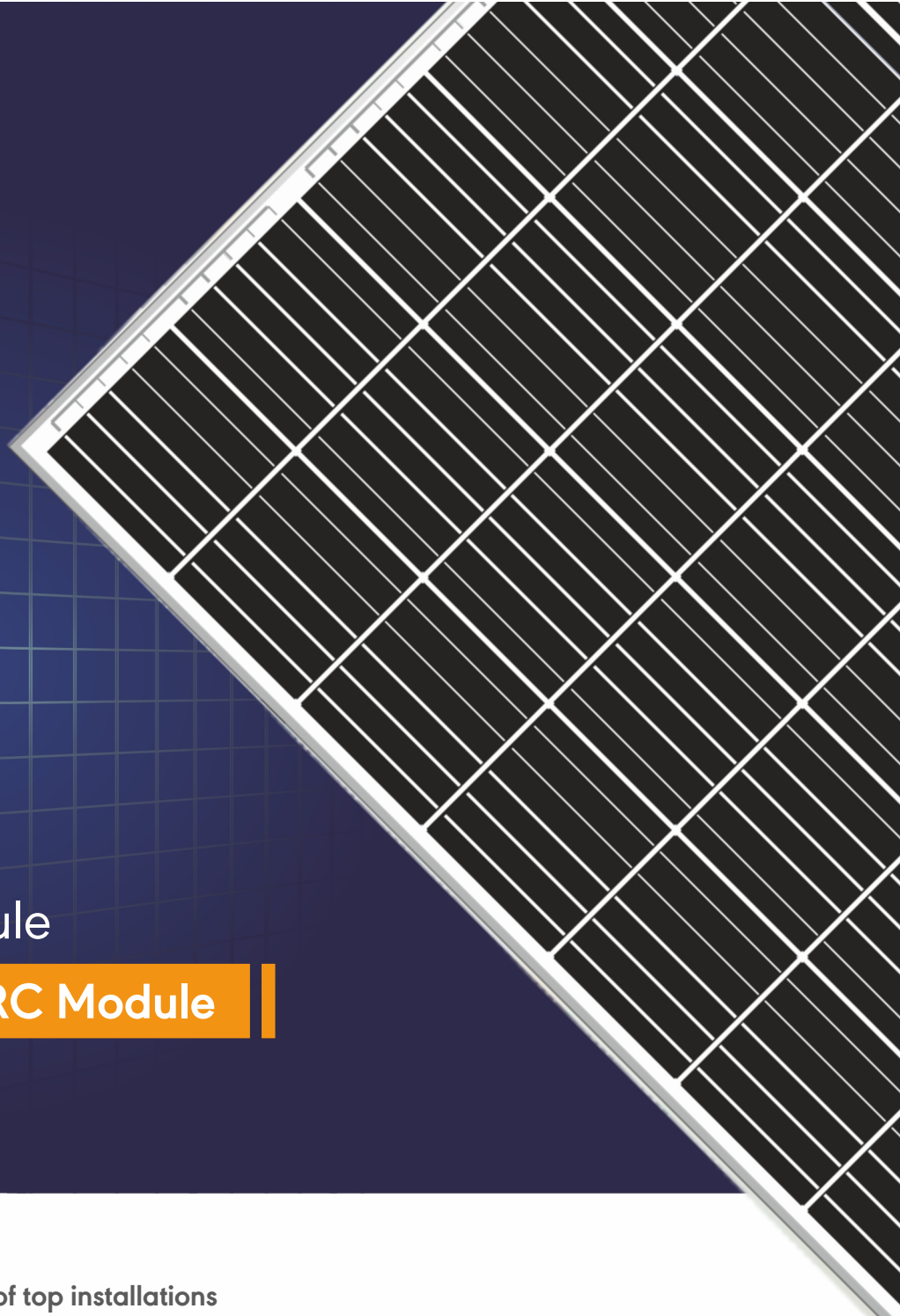


navitas navisol



72 Cell | 5 BB Module

Mono Crystalline PERC Module

NSM 400W



Ideal for large scale and roof top installations



High power



Modules binned by current to improve system performance



Excellent Glass Efficiency with anti reflective coating



Excellent temperature performance



Improved low light performance

Module Efficiency up to 20.15%

Power Tolerance up to 4.99W

PID Resistant

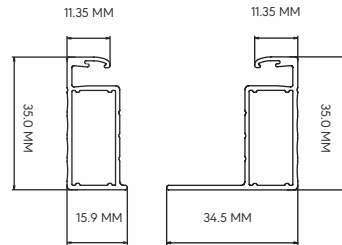
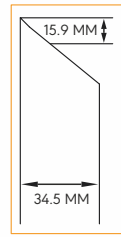
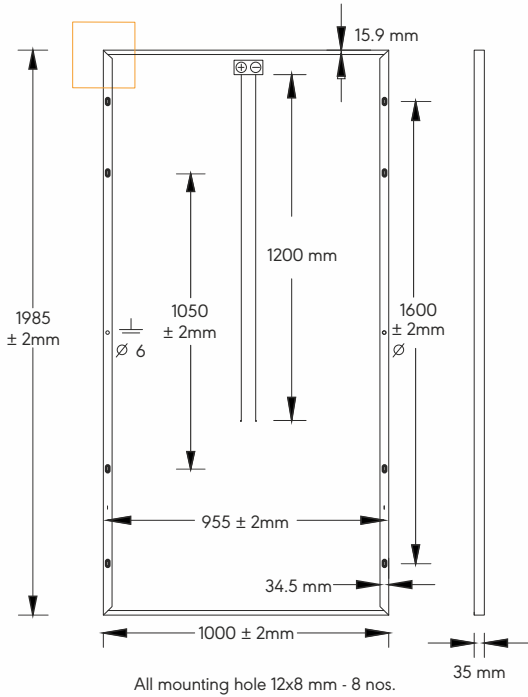
25 Years Performance Warranty¹

10 Years Product Warranty¹

Product Certifications

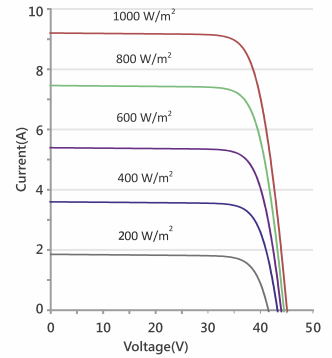
IEC 61215, IEC 61730-1 & 2, Fire Rating
ISO 9001, 14001, 18001, BIS

Mechanical Dimensions



navitassolar
conserve | sustain | flourish

I-V Curves of PV Module



Electrical Data

Module Type	NSM 400
Peak Power Watts (Pmax)	400
Maximum Power Voltage (Vmp)	41.18
Maximum Power Current (Imp)	9.70
Open-circuit voltage (Voc)	48.67
Short-circuit current (Isc) (A)	10.13
Module Efficiency STC (%)	20.15
Operating Temperature (°C)	-40°C ~ +85°C
Maximum System Voltage	1000V / 1500 V DC (IEC)
Maximum series fuse rating	15 / 20 A

- ▶ STC Irradiance 1000 W/m² Cell Temperature 25°C AM = 1.5
- ▶ NOCT Irradiance 800 W/m² Ambient Temperature 20°C AM = 1.5 Wind Speed = 1 m/s

Mechanical Data

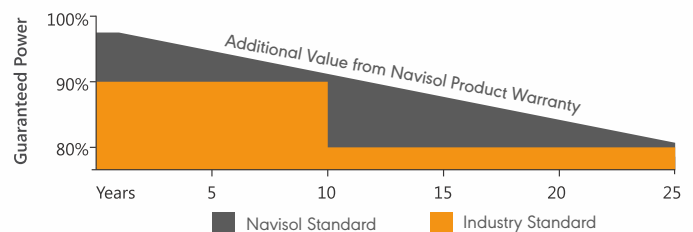
Specification	Data
Cell Type	Mono Crystalline - PERC
Cell Arrangement	72 (6 x 12)
Dimensions	1985 x 1000 x 35 mm.
Weight	22.5 Kgs
Front Cover	3.2 mm ARC Glass
Frame Material	Anodized Aluminium Alloy
Junction Box	IP 68
Cable	4 mm ² (IEC) / 4 mm ² & 12 AWG 1000V (1000V UL) 1200mm
Connectors	MC4 Compatible
By-Pass Diodes	3 Pcs

Temperature Characteristic

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

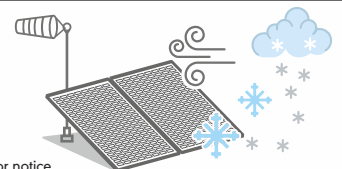
Navisol Performance Warranty

10 Years Product Warranty - 25 Years Linear Power Warranty



Severe Weather Resilience

It is able to sustain **heavy wind loads (2400 Pa)** and **heavy snow loads (5400 Pa)**



* The above data is liable to change without prior notice
* Warranty applicable as per standard warranty terms as available on www.navitassolar.com