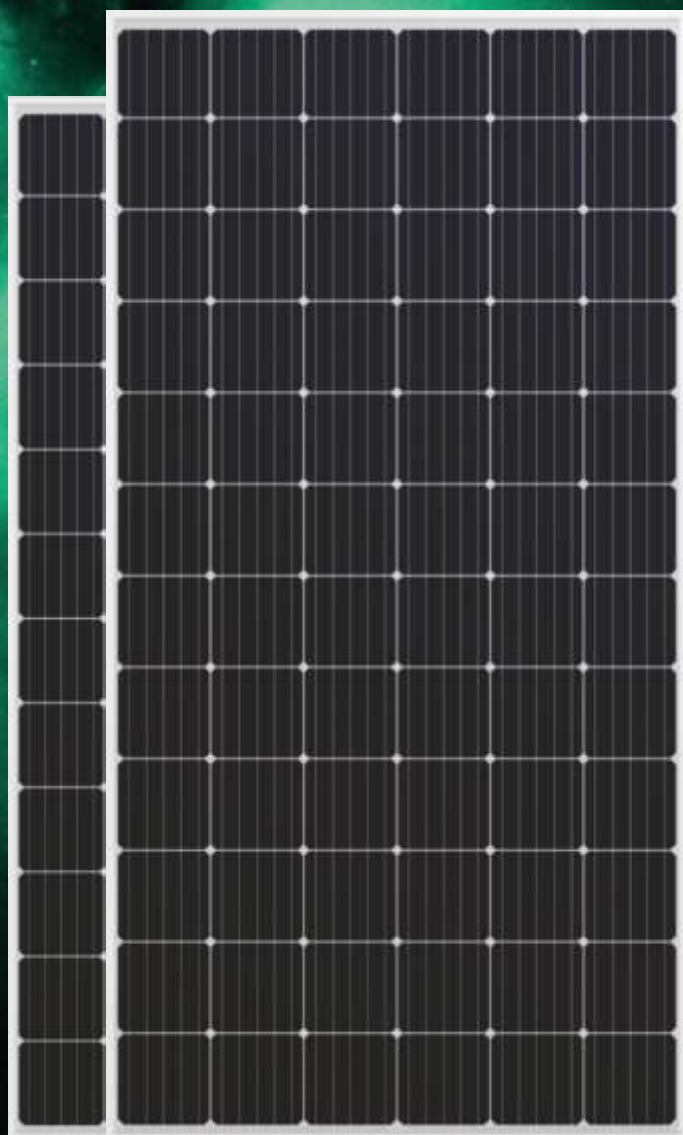




PULSAR SERIES

MONO PERC
SOLAR MODULES | 72 CELLS



Key Features

- Designed with new generation PERC Technology.
- Higher cell Efficiency than conventional Polycrystalline cells.
- More Power output per Sq. meter.
- Outstanding low Light and longer wavelength performance.
- Lower temperature co-efficient.
- Only positive power output tolerance
- 1500 V module
- 25 years of linear output power warranty.

MONO PERC 72 CELLS MODULE

MODEL TYPE	NOVA 375MP72	NOVA 380MP72	NOVA 385MP72	NOVA 390MP72	NOVA 395MP72	NOVA 400MP72
CELL TYPE	MONO PERC 72 Cell	MONO PERC 72 Cell	MONO PERC 72 Cell	MONO PERC 72 Cell	MONO PERC 72 Cell	MONO PERC 72 Cell
MAXIMUM POWER(Pmax) Wp	375	380	385	390	395	400
MAXIMUM POWER VOLTAGE (Vmp) V	40.7	40.85	40.98	41.12	41.25	41.45
MAXIMUM POWER CURRENT(Imp) A	9.22	9.31	9.41	9.50	9.58	9.66
OPEN CIRCUIT VOLTAGE(Voc) V	48.07	49.22	49.34	49.46	49.58	49.76
SHORT CIRCUIT CURRENT(Isc) A	9.66	9.75	9.84	9.93	10.02	10.11
MODULE EFFICIENCY (>) %	19.18	19.43	19.69	19.95	20.20	20.46

Electrical Parameters At NOCT

MAXIMUM POWER(Pmax) Wp	278	281	285	289	292	296
MAXIMUM POWER VOLTAGE (Vmp) V	37.45	37.59	37.71	37.83	37.95	38.14
MAXIMUM POWER CURRENT(Imp) A	7.41	7.48	7.56	7.63	7.70	7.76
OPEN CIRCUIT VOLTAGE(Voc) V	44.23	45.29	45.40	45.51	45.62	45.78
SHORT CIRCUIT CURRENT(Isc) A	7.76	7.84	7.91	7.98	8.05	8.13

Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	45°C ± 2 °C
Temperature coefficient of Pmpp	-0.38%/°C
Temperature coefficient of Voc	-0.32%/°C
Temperature coefficient of Isc	+0.028%/°C

Mechanical Data

Dimensions (L x W x T) mm	1975 X 990 X 35
Weight (Kgs)	23 Kg
Mounting Hole Distance (X-axis) mm	(X) -952
Mounting Hole Distance (Y-axis) mm	(Y1) -988 , (Y2) - 1481

General Data

Solar Cells (mm)	158.75 X 158.75
Cell Orientation	12 X 6
Front Glass	ARC, Tempered & 3.2 mm thickness
Frame	Anodized Aluminum Alloy
Junction Box	IP 68
Cable & Connectors	4 Sq mm, 1200 mm length with MC4 Connectors

Maximum Ratings

Operating Temperature	-40 to 85°C
Maximum System Voltage	1000 V / 1500 V
Maximum Series Fuse Rating	15 A
Application Classification	CLASS A
Electrical Positive Tolerance(%)	0~3

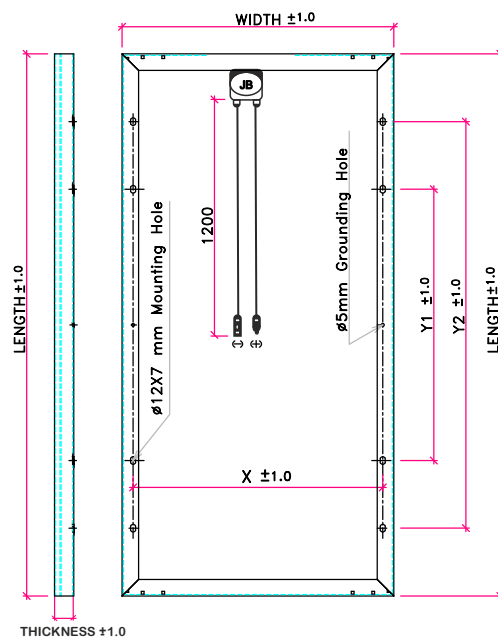
Under Standard Test Condition (STC) of Irradiance of 1000 w/m², Spectrum AM 1.5 and Cell Temperature of 25°C.

UNDER NOCT TESTING of Irradiance of 800 w/m², Spectrum AM 1.5 and Cell Temperature of 20°C.

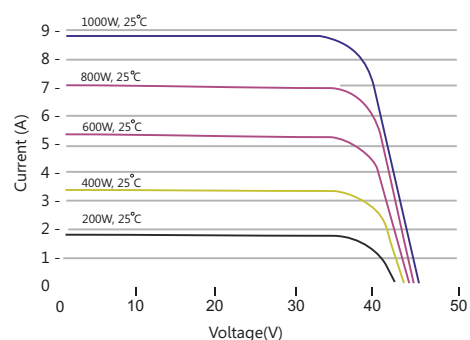
Note: Refer to module installation instructions for maximum loading configurations.

All mechanical dimension tolerance ± 1mm.

*Listed specifications are subject to change without notice.



IV Curve



Novasys Greenergy Pvt. Ltd.

Head Office & Works Address :

Kh. No.185, Mauza: Mahalgaon, Tah. Kamptee, Nagpur- 441202, Maharashtra, India
Call: +91 07109-297601/ 02/ 03/ 04



info@novasysgreen.com | sales@novasysgreen.com
www.novasysgreen.com