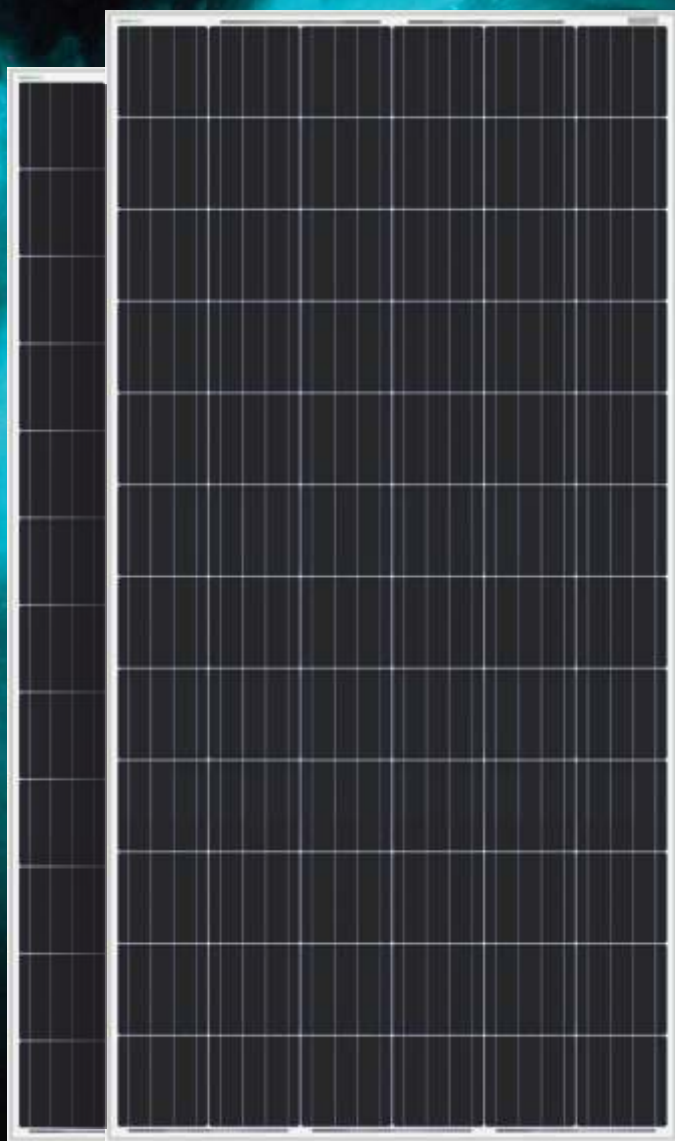




VEGA SERIES

POLYCRYSTALLINE SOLAR MODULES | 72 CELLS



Key Features

- High conversion efficiency
- 1500 V module
- Only positive power output tolerance
- Excellent performance in low light and low irradiance.
- 100% EL Inspected to ensure micro crack free modules.
- AR Coated high Transmission Glass
- Resistant to PID, LID and Salt-Mist/Ammonia corrosion
- Hotspot and defect free modules.
- Certified to withstand harsh environmental conditions.
- 25 years of linear output power warranty.



POLY 72 CELLS MODULE

MODEL TYPE	NOVA 310P72	NOVA 315P72	NOVA 320P72	NOVA 325P72	NOVA 330P72	NOVA 335P72
Cell Type	POLY-72 CELLS	POLY-72 CELLS	POLY-72 CELLS	POLY-72 CELLS	POLY-72 CELLS	POLY-72 CELLS
MAXIMUM POWER(Pmax) Wp	310	315	320	325	330	335
MAXIMUM POWER VOLTAGE (Vmp) V	36.85	37.30	37.71	37.86	38.07	38.13
MAXIMUM POWER CURRENT(Imp) A	8.42	8.45	8.51	8.60	8.69	8.79
OPEN CIRCUIT VOLTAGE(Voc) V	45.2	45.30	45.70	45.88	46.12	46.25
SHORT CIRCUIT CURRENT(Isc) A	8.9	8.93	9.01	9.08	9.16	9.25
MODULE EFFICIENCY (>) %	15.98	16.23	16.49	16.75	17.00	17.26

Electrical Parameters At NOCT

MAXIMUM POWER(Pmax) Wp	229	233	237	241	245	248
MAXIMUM POWER VOLTAGE (Vmp) V	33.58	34.32	34.70	34.83	35.03	35.08
MAXIMUM POWER CURRENT(Imp) A	6.83	6.79	6.84	6.91	6.99	7.07
OPEN CIRCUIT VOLTAGE(Voc) V	41.59	41.68	42.05	42.21	42.43	42.55
SHORT CIRCUIT CURRENT(Isc) A	7.07	7.18	7.24	7.30	7.36	7.44

Temperature Ratings

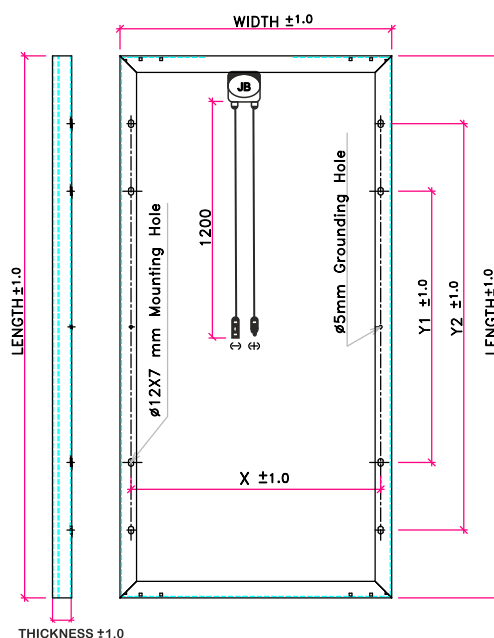
Nominal Operating Cell Temperature (NOCT)	45°C ± 2 °C
Temperature coefficient of Pmpp	-0.39%/°C
Temperature coefficient of Voc	-0.32%/°C
Temperature coefficient of Isc	+0.052%/°C

Mechanical Data

Dimensions (L x W x T) mm	1960 X 990 X 35 mm
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)	157 X 157
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 / 1500 V
Maximum Series Fuse Rating	15 A
Application Classification	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.

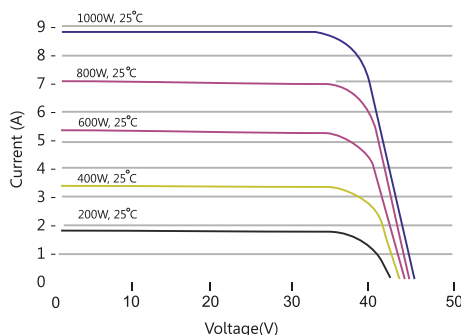
UNDER NOCT TESTING of Irradiance of 800 w/m², Spectrum AM 1.5 and Cell Temperature of 20°C.

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



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