

LYRA SERIES

TWIN PEAK

SOLAR MODULES | POLY | MONO



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.

TWIN PEAK MODULE

MODEL TYPE	NOVA 280P120	NOVA 300M120	NOVA 330MP120	NOVA 335P144	NOVA 355M144	NOVA 400MP144
CELL TYPE	POLY	MONO	MONO PERC	POLY	MONO	MONO PERC
MAXIMUM POWER(Pmax) Wp	280	300	330	335	355	400
MAXIMUM POWER VOLTAGE (Vmp) V	31.60	32.70	33.45	37.60	38.90	40.20
MAXIMUM POWER CURRENT(Imp) A	8.86	9.19	9.87	8.91	9.14	10.02
OPEN CIRCUIT VOLTAGE(Voc) V	38.30	40.00	39.70	46.00	47.40	48.24
SHORT CIRCUIT CURRENT(Isc) A	9.38	9.85	10.10	9.35	9.65	11.02
MODULE EFFICIENCY (>) %	16.75	17.95	19.75	16.83	17.85	20.10

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 (HxWxT)	1680 X 995 X 35/40 (120 CELLS) 2000 X 995 X 35/40 (144 CELLS)
Weight (Kgs)	19 / 23 Kg

General Data

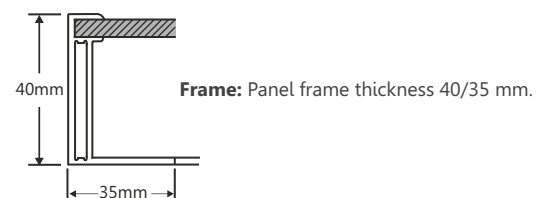
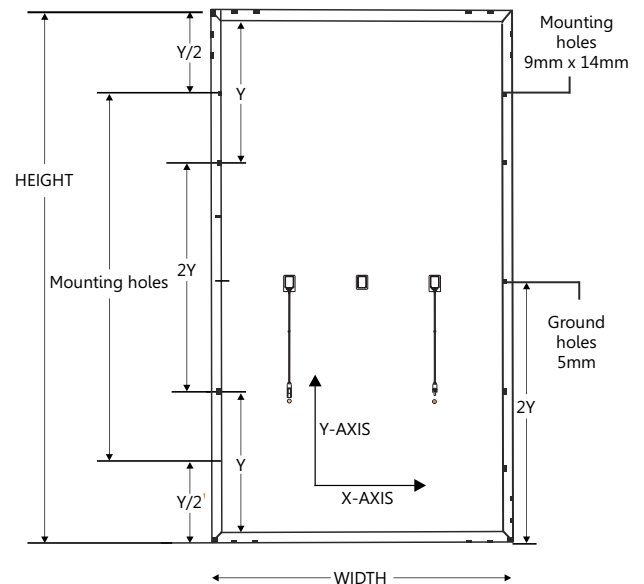
Solar Cells (mm)	157 X 157
Cell Orientation	12 X 6
Front Glass	ARC, Tempered & 3.2 mm Thickness
Frame	Anodized Aluminum Alloy
Junction Box	IP 68
Cable & Connectors	4 Sq mm, 1000 mm length with MC4 Connectors

Maximum Ratings

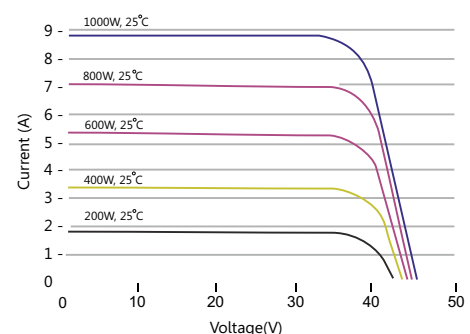
Operating Temperature	-40 to 85°C
Maximum System Voltage	1000 / 1500 V
Maximum Series Fuse Rating	15 A
Application Classification	A
Electrical Positive Tolerance(%)	0~3
Under Standard Test Condition (STC) of Irradiance of 1000 w/m ² , Spectrum AM 1.5 and Cell Temperature of 25°C	

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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