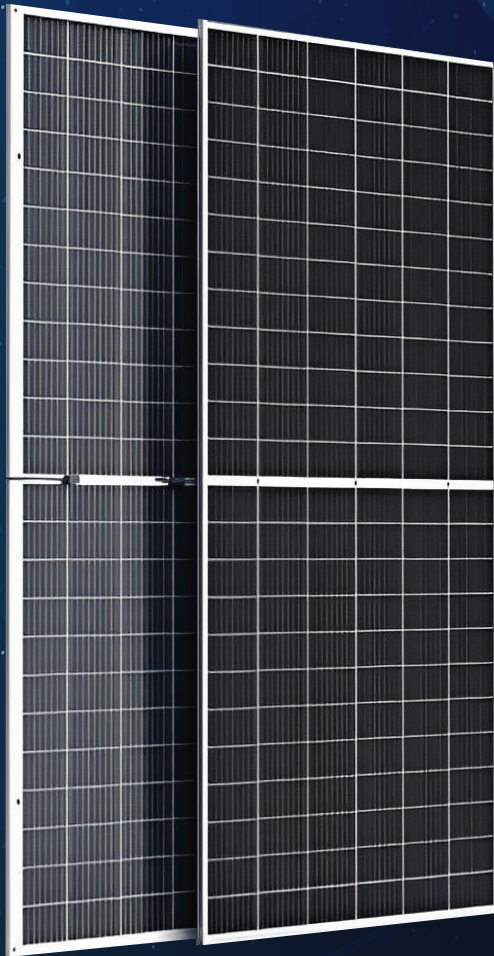


LYNX PLUS

HALF CUT N-TYPE TOPCON SERIES **G12R**
(132 Cell)



TUNNEL OXIDE PASSIVATED CONTACT HIGHER CELL EFFICIENCY

- Cutting-edge Technology For Maximizing Energy Generation.
- Minimum LID Loss
- Superior Efficiency For Maximum Power Output.
- Better Low Light Performance
- Quick & Hassle-free Setup, Saving Your Time & Money.
- Designed To Withstand Harsh Weather Conditions.
- Longtime Performance Warranty



- 30 years warranty of linear power output
- 12 years manufacturers warranty
- Warranty Insurance by Ariel Re 



Lower Degradation



Lower
Temperature
Coefficient



Higher
Bifaciality Rate



Low Light
Performance



Less Sensitive
To Humidity

 **1800-202-1072**

 **sales@novasysgreen.com**

 **www.novasysgreen.com**

LYNX PLUS HALFCUT TOPCON N-Type G12R SERIES



N-TOPCON G12R 132 CELL MODULES ELECTRICAL PARAMETER									
Model Name	NSL650TG12RG132	NSL645TG12RG132	NSL640TG12RG132	NSL635TG12RG132	NSL630TG12RG132	NSL625TG12RG132	NSL620TG12RG132	NSL615TG12RG132	
Max Power-Pmax (W)	650	645	640	635	630	625	620	615	
Open Circuit Voltage-Voc (V)	48.57	48.41	48.25	48.10	47.91	47.77	47.63	47.50	
Short Circuit Current-Isc (A)	16.84	16.76	16.67	16.58	16.50	16.41	16.23	16.23	
Maximum Voltage-Vmax / Vmpp (V)	40.89	40.74	40.60	40.45	40.27	40.15	40.02	39.91	
Maximum Current-Imax (A)	15.93	15.86	15.79	15.72	15.66	15.59	15.51	15.43	
Fill Factor (%)	79.64	79.68	79.71	79.75	79.77	79.85	79.85	79.88	
Module Efficiency (%)	24.06	23.88	23.69	23.51	23.32	23.14	22.95	22.77	
# Under Standard Test Conditions (STC) of irradiance 1000 W/m ² , spectrum AM 1.5 and Module temperature of 25°C									
Model Name	NSL650TG12RG132	NSL645TG12RG132	NSL640TG12RG132	NSL635TG12RG132	NSL630TG12RG132	NSL625TG12RG132	NSL620TG12RG132	NSL615TG12RG132	
Max. Power-Pmax (W)	717	712	706	700	694	689	684	678	
Open Circuit Voltage-Voc (V)	48.57	48.41	48.25	48.10	47.91	47.77	47.63	47.50	
Short Circuit Current-Isc (A)	18.55	18.45	18.36	18.26	18.17	18.07	17.97	17.87	
Maximum Voltage-Vmax / Vmpp (V)	40.89	40.74	40.60	40.45	40.27	40.15	40.02	39.91	
Maximum Current-max / Imax (A)	17.55	17.47	17.39	17.31	17.25	17.17	17.08	16.99	
# BNPI : Front 1000 W/m ² - Rear 135W/m ² # Additional power gain from rear side compared to power of front side at STC depends on mounting structure (height, tilt angle etc.) and reflectivity of ground. Bi-Faciality Factor : 80 ± 5 %									

Temperature Ratings

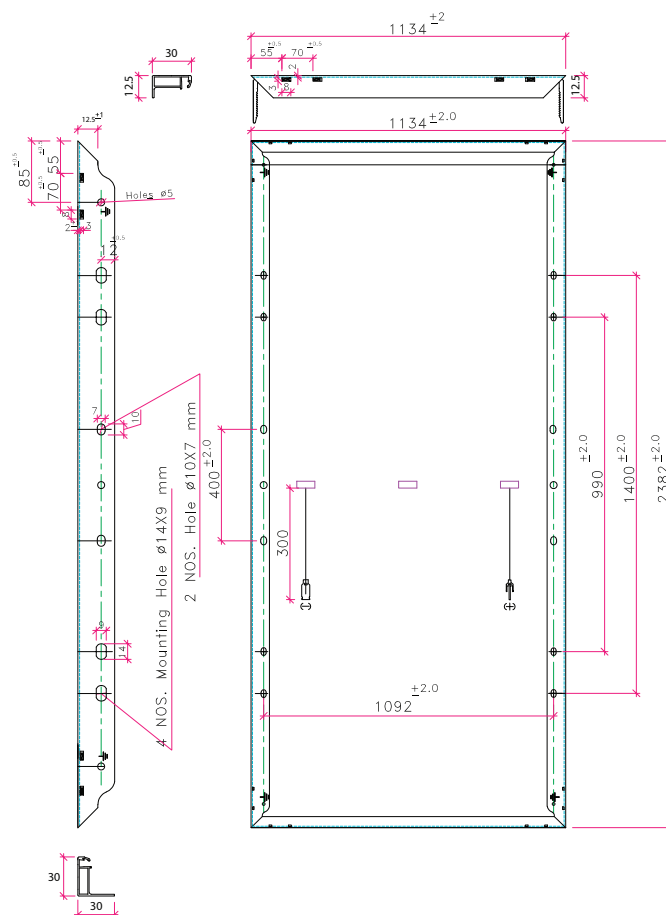
Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature coefficients of Pmax	-0.28%/°C
Temperature coefficients of Voc	-0.23%/°C
Temperature coefficients of Isc	0.045%/°C

Mechanical Data

Dimensions (L x W x T) mm	2382 X 1134 X 30mm
Weight (Kgs)	32.5 ± 0.5
Mounting Hole Distance (X-axis) mm	1092
Mounting Hole Distance (Y-axis) mm	Y1- 990 / Y2 -1400

General Data

Solar Cells	G12R 132 Cell TOPCon , 16 BB
Module Structure	- Front Superstrate -ARC Semi Tempered Glass 2.0 mm - Back Substrate - Semi Tempered Glass 2.0 mm
Frame	Anodized Aluminum Alloy
Junction Box	Potted Split JB IP68
Cable & Connector	4 Sq mm, 300 mm length with MC4 Connector
Mechanical Strength	Suitable for 2400 Pa for wind load & 5400 Pa for snow load



Maximum Ratings

Operating Temperature	-40 ± 85°C
Maximum System Voltage	1500V
Maximum Series Fuse Rating	35 A
Application Classification	Class A
Electrical Positive Tolerance(%)	0 to 3%

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

All mechanical dimension tolerance ± 2mm.

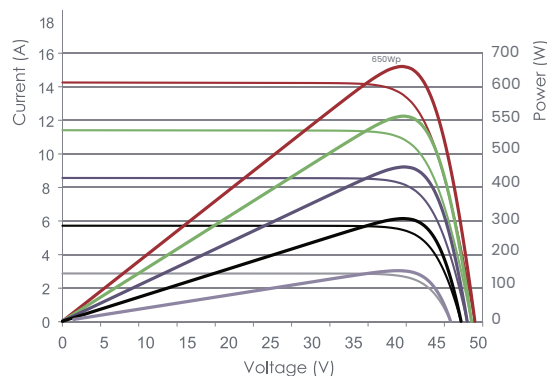
*Listed specifications are subject to change without notice.

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