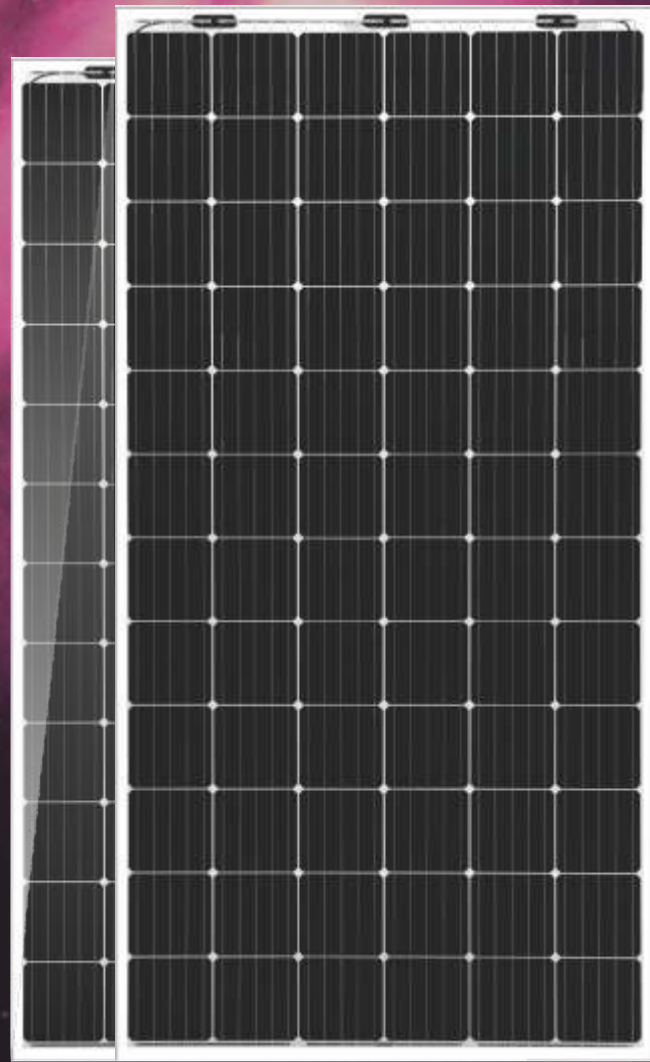


# RIGEL SERIES

## BIFACIAL MONO PERC SOLAR MODULES | 72 CELLS



### Key Features

- Upto 30% increase in efficiency.
- Only positive power output tolerance
- Excellent performance in extremely low light and low irradiance.
- 1500 V module
- Lower temperature co-efficient.
- Very high power output per sq. meter
- 25 years of linear output power warranty.

## BIFACIAL MONO PERC 72 CELLS

MODEL TYPE	NOVA 375BI72	NOVA 380BI72	NOVA 385BI72	NOVA 390BI72	NOVA 395BI72	NOVA 400BI72
CELL TYPE	BI FACIAL	BI FACIAL	BI FACIAL	BI FACIAL	BI FACIAL	BI FACIAL
MAXIMUM POWER( Pmax) Wp	375	380	385	390	395	400
MAXIMUM POWER VOLTAGE (Vmp) V	39.60	39.80	39.95	40.00	40.00	40.20
MAXIMUM POWER CURRENT(Imp) A	9.50	9.61	9.71	9.83	9.90	10.02
OPEN CIRCUIT VOLTAGE( Voc) V	46.10	46.30	46.50	46.70	48.10	48.24
SHORT CIRCUIT CURRENT( Isc) A	10.79	10.83	10.87	10.91	11.00	11.02
MODULE EFFICIENCY ( >) %	19.33	19.58	19.84	20.10	20.36	20.61

### Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	39°C ± 2 °C
Temperature coefficient of Pmpp	-0.38%/°C
Temperature coefficient of Voc	-0.31%/°C
Temperature coefficient of Isc	+0.027%/°C

### Mechanical Data

Dimensions (mm)	1970 X 985 X 6 / 1975 X 990 X 35/40
Weight (Kgs)	30 / 23 Kg

### General Data

Solar Cells (mm)	Bifacial 157 X 157
Cell Orientation	12 X 6
Front Glass	Tempered glass / 2.5mm x 2 OR TRANSPARENT BACKSHEET
Back	Backsheet/Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP 68
Cable & Connectors	4 Sq mm, 1000 mm length with MC4 Connectors

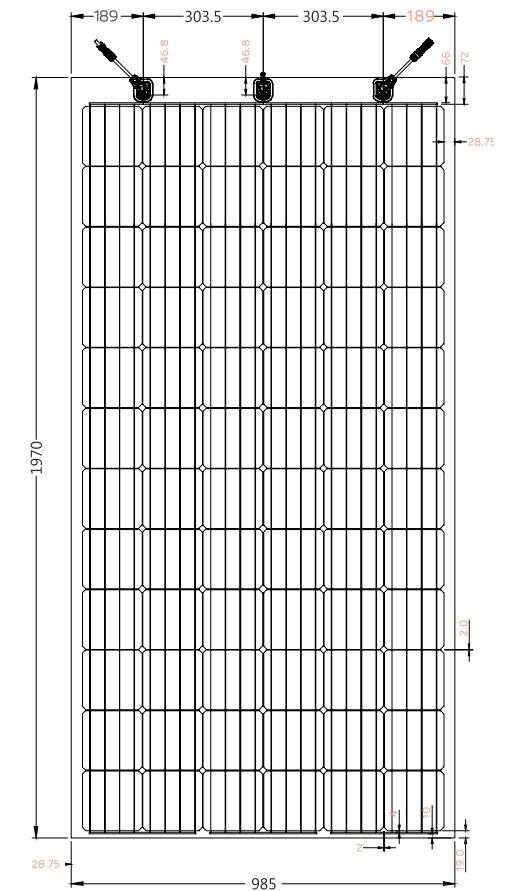
### Maximum Ratings

Operating Temperature	-40 to 85°C
Maximum System Voltage	1000 / 1500 V
Maximum Series Fuse Rating	15 A
Application Classification	A
Electrical Tolerance	0~3%
Under Standard Test Condition (STC) of Irradiance of 1000 w/m2, 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

