



# Northgreen

## Thor 72 Cells Series



### HIGH PERFORMANCE



PID Resistant



Low Light Performance



High Power Density



### SAFE



IP68 Junction Box



10 Years Of Product Warranty



25 Years Of Limited Power Output Warranty



1000 VDC Or 1500 VDC



### RELIABLE



Extreme Weather Resilience



Windspeed - 2400 Pa,  
Snowload - 5400 Pa



Highly Reliable Anti-Reflective Coated Glass



#NORTHGREEN



Northgreen

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# THOR 72 CELLS SERIES

MODEL TYPE	NEPL 310P72	NEPL 315P72	NEPL 320P72	NEPL 325P72	NEPL 330P72	NEPL 335P72
CELL TYPE	POLY-72 CELL	POLY-72 CELL	POLY-72 CELL	POLY-72 CELL	POLY-72 CELL	POLY-72 CELL
MAXIMUM POWER (Pmax) Wp	310	315	320	325	330	335
MAXIMUM POWER VOLTAGE (Vmp) V	36.50	36.80	37.10	37.20	37.40	37.60
MAXIMUM POWER CURRENT (Imp) A	8.50	8.56	8.63	8.73	8.83	8.91
OPEN CIRCUIT VOLTAGE (Voc) V	45.20	45.30	45.50	45.60	45.80	46.00
SHORT CIRCUIT CURRENT (Isc) A	8.80	8.86	9.15	9.19	9.28	9.35
MODULE EFFICIENCY (>) %	16.00	16.25	16.52	16.72	17.02	17.22

## Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Temperature coefficient of Pmpp	-0.42%/°C
Temperature coefficient of Voc	-0.35%/°C
Temperature coefficient of Isc	+0.06%/°C

## Mechanical Data

Dimensions (HxWxT)	1960 X 990 X 40/35 mm
Weight (Kgs)	22.5 Kg
Mounting Hole (X-Axis)	955 mm
Mounting Hole (Y-Axis)	980 mm

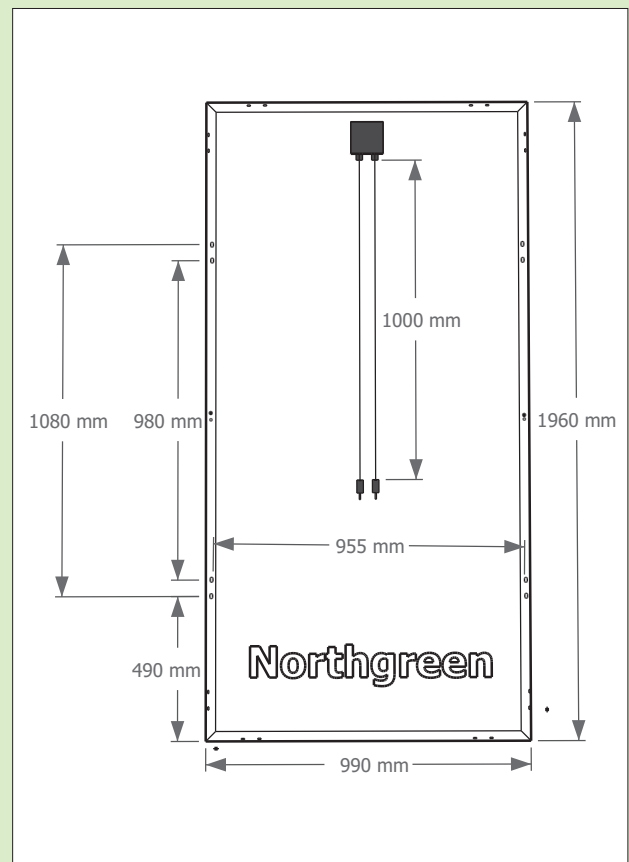
## General Data

Solar Cells	156.75 X 156.75 mm
Cell Orientation	12 X 6
Front Glass	ARC, Tempered & Low Iron Glass, 3.2 mm
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	1500 V
Maximum Series Fuse Rating	15 A
Application Classification	A
Electrical Tolerance	±3%

Under Standard Test Condition (STC) of Irradiance of 1000 W/m<sup>2</sup>, Spectrum AM 1.5 and Cell Temperature of 25°C



Refer to module installation instructions for maximum loading configurations.

**Frame:** 40mm height is optional.

**Frame:** Clear Is applicative, Black Is Optional

**JB:** 1000mm length cable



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