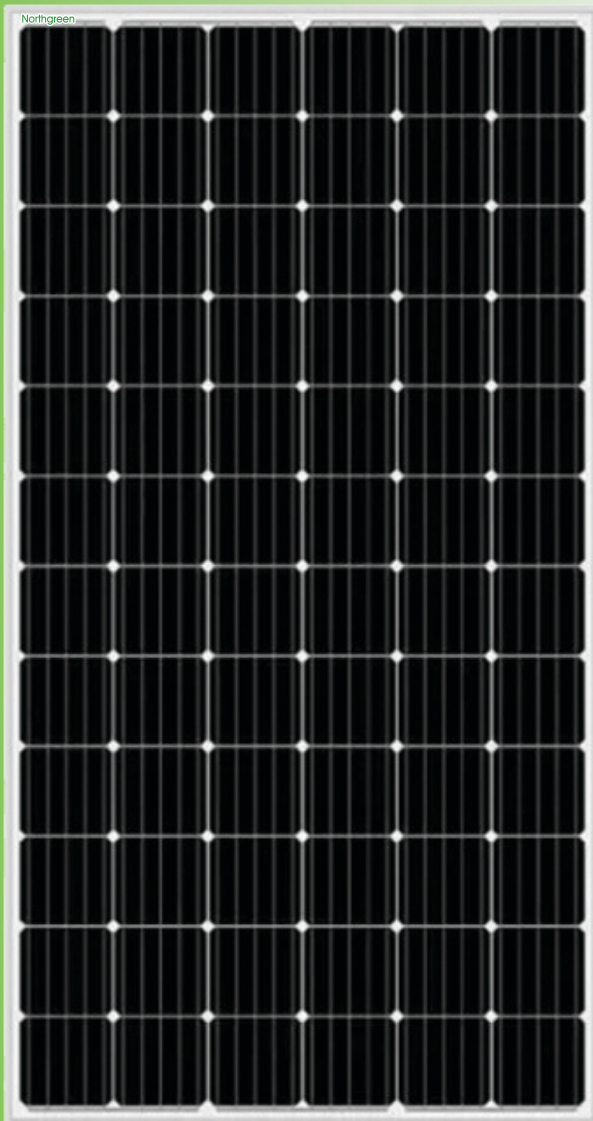







Northgreen

Black Panther 72 Cells Series







HIGH PERFORMANCE

-  PID Resistant
-  Low Light Performance
-  High Power Density






SAFE

-  IP68 Junction Box
-  10 YEARS
10 Years Of Product Warranty
-  25 YEARS
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



BLACK PANTHER 72 CELLS SERIES

MODEL TYPE	NEPL 340MP72	NEPL 345MP72	NEPL 350MP72	NEPL 355MP72	NEPL 360MP72	NEPL 365MP72	NEPL 370MP72
CELL TYPE	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL
MAXIMUM POWER (Pmax) Wp	340	345	350	355	360	365	370
MAXIMUM POWER VOLTAGE (Vmp) V	38.20	38.50	38.70	38.80	39.00	39.20	39.40
MAXIMUM POWER CURRENT (Imp) A	8.90	8.96	9.04	9.14	9.24	9.32	9.40
OPEN CIRCUIT VOLTAGE (Voc) V	46.20	46.70	47.00	47.40	47.70	47.90	48.10
SHORT CIRCUIT CURRENT (Isc) A	9.50	9.55	9.60	9.65	9.70	9.76	9.82
MODULE EFFICIENCY (>) %	17.50	17.70	18.00	18.30	18.50	18.70	19.00

Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	45°C ± 2 °C
Temperature coefficient of Pmpp	-0.39%/°C
Temperature coefficient of Voc	-0.30%/°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

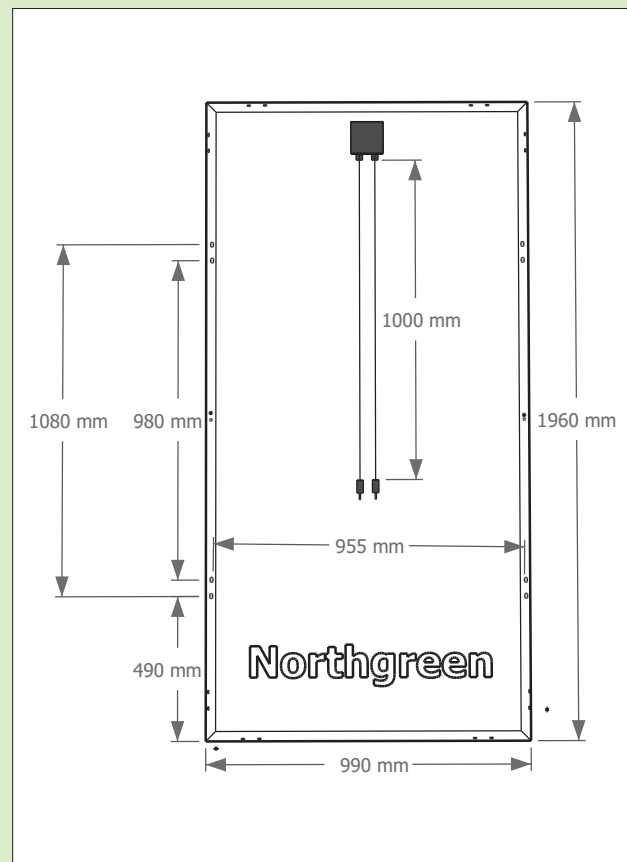
General Data

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/m², 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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