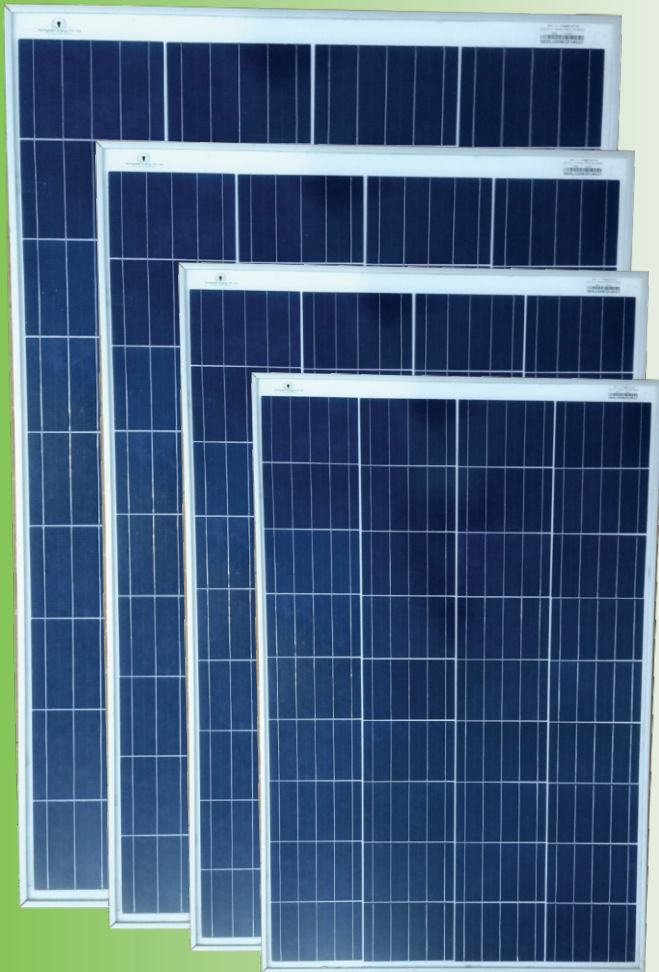







# Northgreen

## Vision Series







### HIGH PERFORMANCE

-  PID Resistant
-  Low Light Performance
-  High Power Density






### SAFE

-  IP68 Junction Box
-  5 YEARS  
5 Years Of Product Warranty
-  10 YEARS  
10 Years Of Limited Power Output Warranty
-  600 VDC



### RELIABLE

-  Extreme Weather Resilience
-  Windspeed - 2400 Pa,  
Snowload - 5400 Pa
-  Highly Reliable Anti-Reflective  
Coated Glass



Factory Address : 4, M. S. Compound, B/h. Old Narol Court, Opp. Karnavati Chemicals,  
Narol, Ahmedabad-382405. Mobile : +91 9327501314, +91 8849072287  
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Visit Us : [www.northgreenenergy.com](http://www.northgreenenergy.com)

# VISION SERIES

MODEL TYPE	NEPL20P36	NEPL30P36	NEPL40P36	NEPL50P36	NEPL60P36	NEPL75P36
Cell Type	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL
MAXIMUM POWER (Pmax) Wp	20	30	40	50	60	75
MAXIMUM POWER VOLTAGE (Vmp) V	18.10	18.10	18.20	18.20	18.20	18.20
MAXIMUM POWER CURRENT (Imp) A	1.11	1.66	2.20	2.75	3.00	4.27
OPEN CIRCUIT VOLTAGE (Voc) V	21.98	22.00	22.20	22.30	24.20	22.20
SHORT CIRCUIT CURRENT (Isc) A	1.25	1.83	2.41	2.99	3.34	4.65
MODULE LENGTH	255	365	435	535	660	730
MODULE WIDTH	665	665	665	665	665	665
MODULE HEIGHT	30	30	30	30	30	30
MODULE EFFICIENCY (>) %	13.00	13.17	14.21	14.31	14.21	14.57

MODEL TYPE	NEPL80P36	NEPL100P36	NEPL120P36	NEPL155P36	NEPL160P36
Cell Type	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL
MAXIMUM POWER (Pmax) Wp	80	100	120	155	160
MAXIMUM POWER VOLTAGE (Vmp) V	18.20	18.30	18.30	18.50	18.80
MAXIMUM POWER CURRENT (Imp) A	4.40	5.46	6.14	8.51	8.60
OPEN CIRCUIT VOLTAGE (Voc) V	22.30	22.60	22.60	22.20	22.20
SHORT CIRCUIT CURRENT (Isc) A	4.72	5.86	6.54	9.28	9.25
MODULE LENGTH	780	1010	1260	1485	1485
MODULE WIDTH	665	665	665	665	665
MODULE HEIGHT	30	30	30	30	30
MODULE EFFICIENCY (>) %	14.39	14.69	14.69	15.63	15.63

## 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

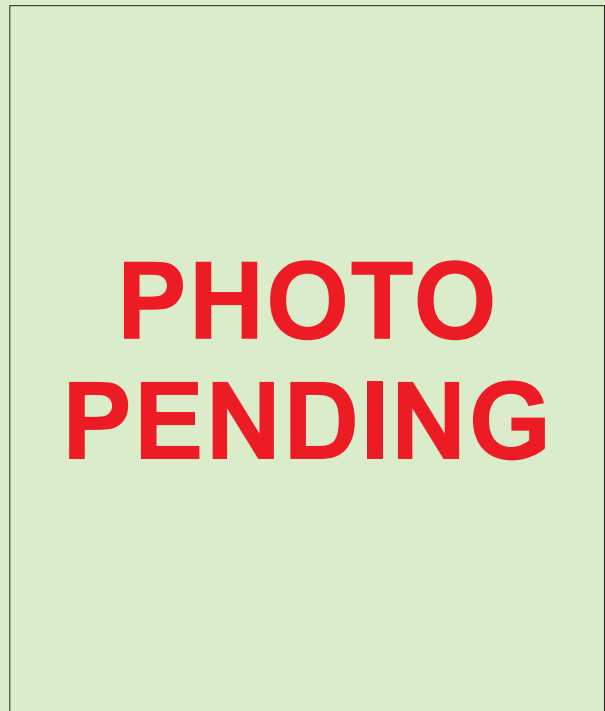
## Mechanical Data & General Data

Cell Orientation	9 X 4 unit
Front Glass	ARC, Tempered & Low Iron Glass, 3.2 mm
Frame	Anodized Aluminum Alloy

## Maximum Ratings

Operating Temperature	-40 to 85°C
Maximum System Voltage	600 V
Maximum Series Fuse Rating	10 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



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