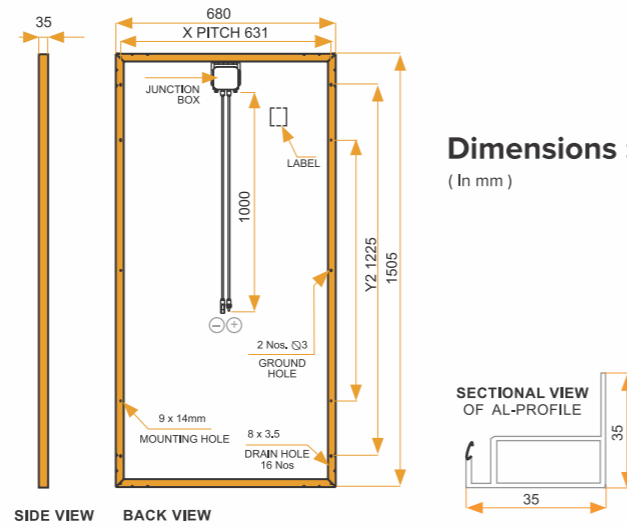


Altair Poly Series

Polycrystalline Solar PV Modules
36 Cells | 5 BB



Dimensions :
(In mm)

TECHNICAL DATA

TYPE	NE 155P	NE 160P	NE 165P	NE 170P	NE 175P
Pmp	155	160	165	170	175
Imp	8.07	8.28	8.49	8.65	8.77
Vmp	19.27	19.38	19.49	19.70	19.96
Isc	9.06	9.10	9.17	9.25	9.46
Voc	22.68	22.78	22.93	23.07	23.14
Module Size	1505×680×35	1505×680×35	1505×680×35	1505×680×35	1505×680×35
Weight Approx	8.5 kg	8.5 kg	8.5 kg	8.5 kg	8.5 kg

Altair Poly Series is also available with customized sizes and specifications subject to volume.

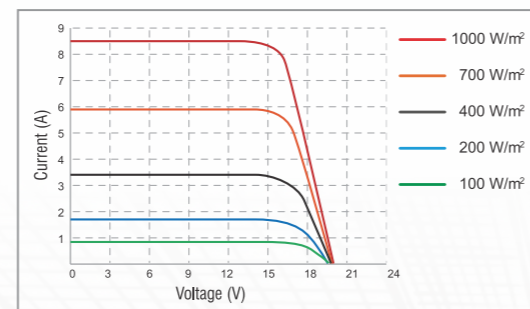
THERMAL PARAMETERS

Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
Maximum System Voltage	600 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

MECHANICAL DATA

Junction Box	IP67/ IP68
Cable and Connectors	1000 mm length with 4 mm ² MC4 connector
Superstrate	High transmission low iron AR Coated tempered glass
Frame	Anodized Aluminium frame
Mechanical Load Test	5400 Pa
Maximum Series Fuse Rating	15 A (upto 36 cells)

IV CURVES



The specifications are for reference purpose only.
Nyalkaran Energy reserves the right to change the specifications without prior notice.

* STC: 1000 w/m², 25 °C, AM 1.5



5 Basbar Solar Cell



Higher power output



Anti-PID Resistance



Higher lifetime power yield



Low temperature coefficient



Special customized solutions



Extreme weather conditions



Easily mounted with a number
of assembly options

LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty • 25 Year Linear Power Warranty

*STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

*Power measurement tolerance: ± 3%

