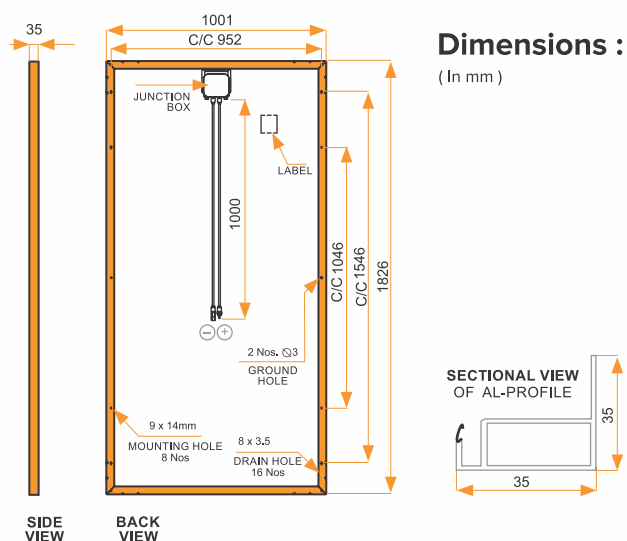
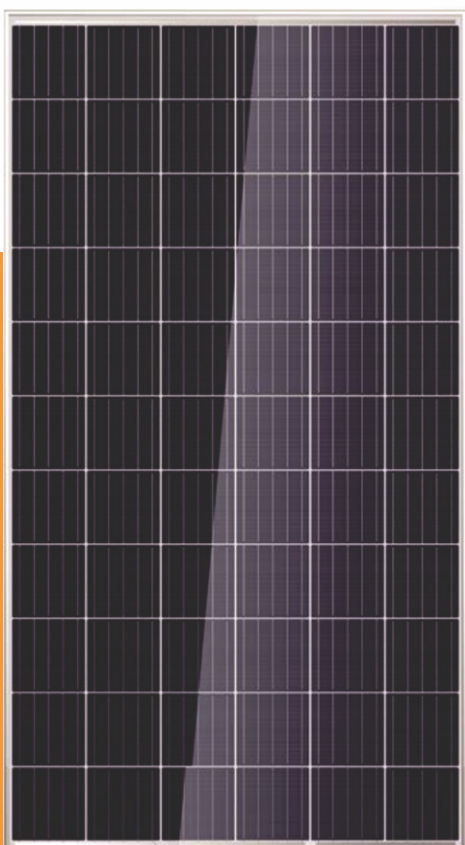


# Galaxy Poly Series

Polycrystalline Solar PV Modules  
66 Cells | 5 BB



## TECHNICAL DATA

TYPE	NE 285P	NE 290P	NE 295P	NE 300P	NE 305P	NE 310P	NE 315P
Pmp	285	290	295	300	305	310	315
Imp	8.08	8.18	8.36	8.47	8.54	8.60	8.66
Vmp	35.32	35.52	35.32	35.52	35.74	36.11	36.38
Isc	8.87	8.90	9.06	9.10	9.17	9.23	9.33
Voc	41.58	41.77	41.58	41.77	42.04	42.30	42.43
Module Size	1826×1001×35	1826×1001×35	1826×1001×35	1826×1001×35	1826×1001×35	1826×1001×35	1826×1001×35
Weight Approx	19.5 kg	19.5 kg	19.5 kg	19.5 kg	19.5 kg	19.5 kg	19.5 kg

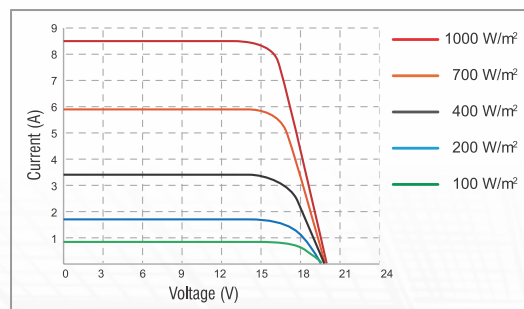
## THERMAL PARAMETERS

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	1500 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 <sup>2</sup> MC4 connector
Superstrate	High transmission low iron AR Coated tempered glass
Frame	Anodized Aluminium frame
Mechanical Load Test	5400 Pa
Maximum Series Fuse Rating	20 A (upto 66 cells)

## IV CURVES



\* STC: 1000 w/m<sup>2</sup>, 25 °C, AM 1.5

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