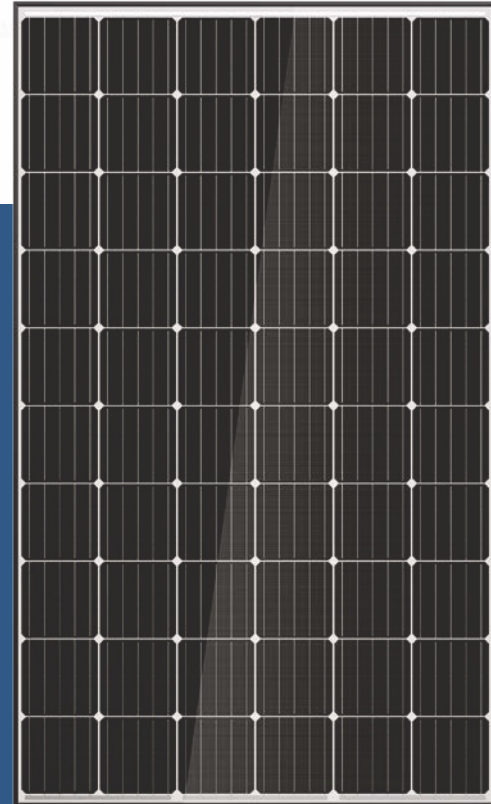
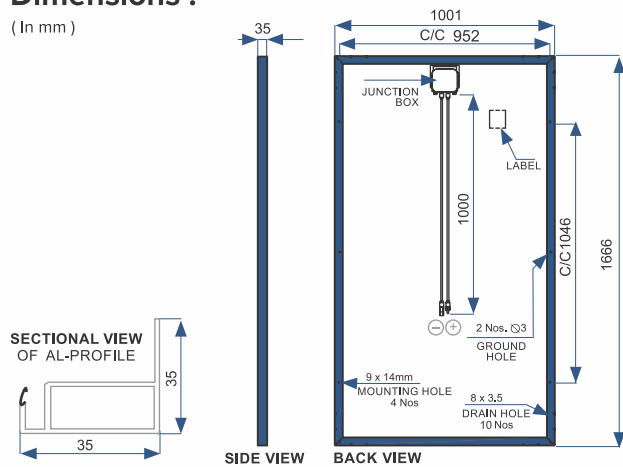


Rigel Mono PERC Series

Monocrystalline Solar PV Modules
60 Cells | 5 BB

Dimensions :

(In mm)



TECHNICAL DATA

TYPE	NE 295M	NE 300M	NE 310M	NE 315M	NE 320M	NE 325M	NE 330M
Pmp	295	300	310	315	320	325	330
Imp	8.73	8.85	9.04	9.15	9.27	9.38	9.50
Vmp	33.85	33.98	34.33	34.46	34.58	34.69	34.81
Isc	9.84	10.02	10.08	10.09	10.10	10.16	10.20
Voc	39.67	39.37	39.60	39.75	39.88	40.17	40.58
Module Size	1666×1001×35	1666×1001×35	1666×1001×35	1666×1001×35	1666×1001×35	1666×1001×35	1666×1001×35
Weight Approx	18.5 kg	18.5 kg	18.5 kg	18.5 kg	18.5 kg	18.5 kg	18.5 kg

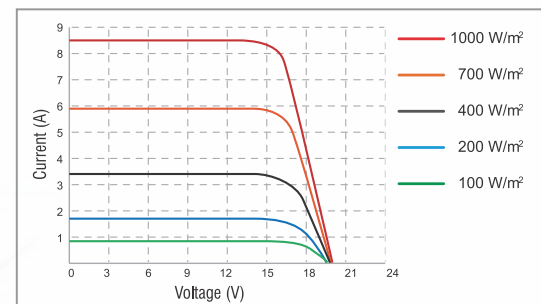
THERMAL PARAMETERS

Tc of Open Circuit Voltage	- 0.31% / °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 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	20 A (upto 60 cells)

IV CURVES



* STC: 1000 w/m², 25 °C, AM 1.5

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