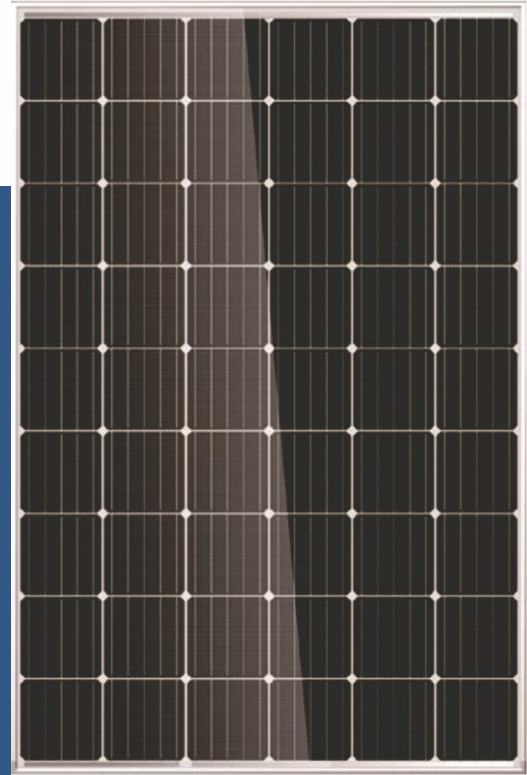
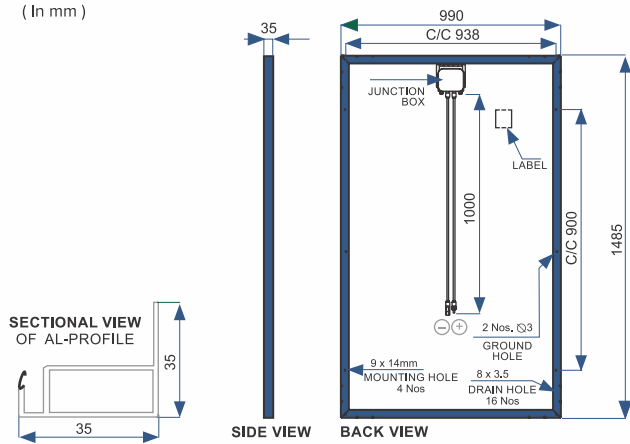


# Procyon Mono PERC Series

Monocrystalline Solar PV Modules  
54 Cells | 5 BB

## Dimensions :

(In mm)



## TECHNICAL DATA

TYPE	NE 265M	NE 270M	NE 275M	NE 280M	NE 285M	NE 290M	NE 295M
<b>Pmp</b>	265	270	275	280	285	290	295
<b>Imp</b>	8.68	8.80	8.91	9.04	9.18	9.31	9.42
<b>Vmp</b>	30.58	30.74	30.90	31.01	31.12	31.22	31.33
<b>Isc</b>	10.02	10.06	10.08	10.09	10.10	10.16	10.20
<b>Voc</b>	35.27	35.48	35.57	35.70	35.83	36.10	36.50
<b>Module Size</b>	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35
<b>Weight Approx</b>	15.5 kg	15.5 kg	15.5 kg	15.5 kg	15.5 kg	15.5 kg	15.5 kg

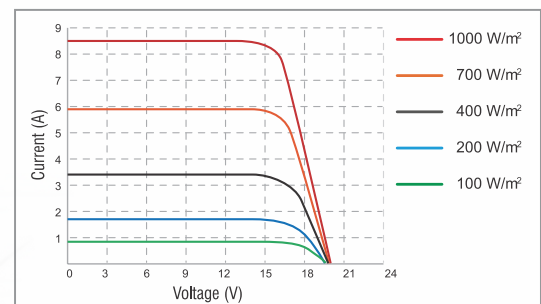
## THERMAL PARAMETERS

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 54 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.