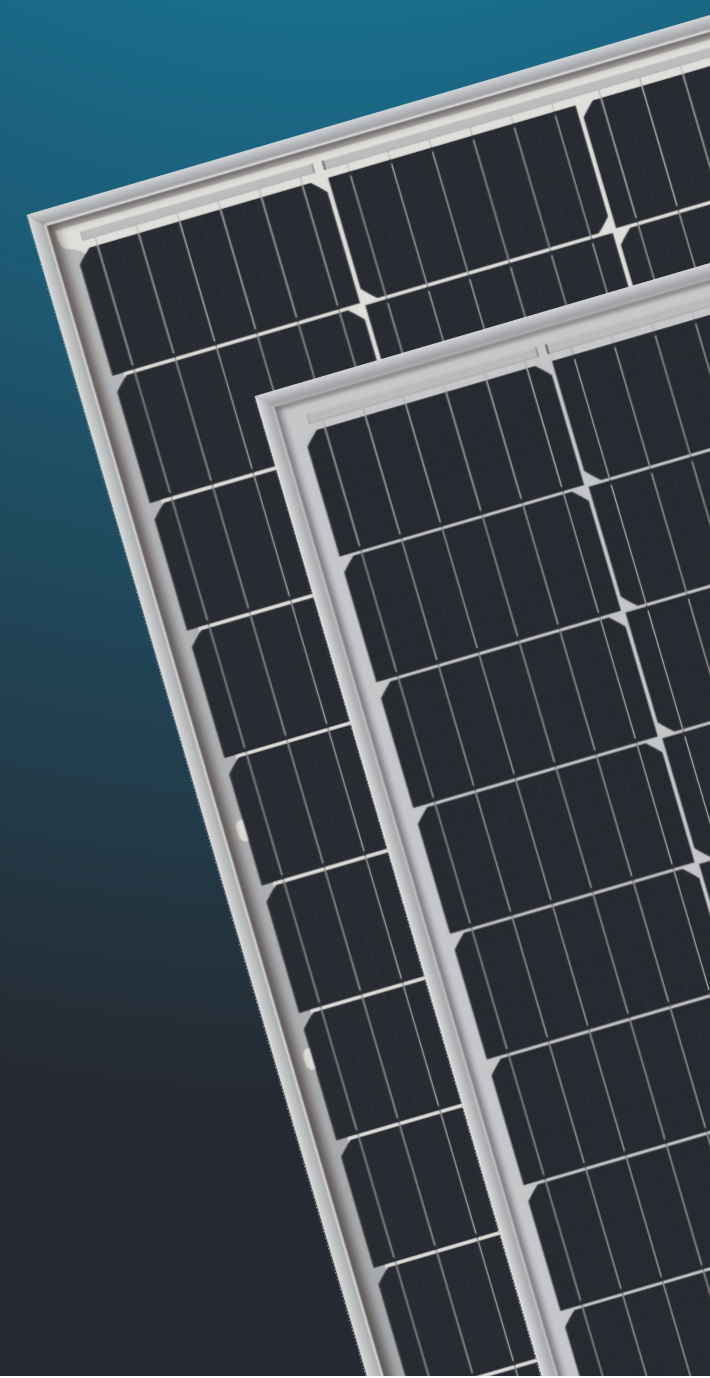




ELECTRICITY
COSTS RISING
SOLAR
IS THE RIGHT
ALTERNATIVE



NYALKARAN ENERGY LLP.

Survey No. 69/1, At. Chanchawadarada,
Maliya - Piplaiya Highway, Morbi - 363 660 Gujarat, India.

m | +91 98254 12783 e | info@nyalkaranenergy.com

www.nyalkaranenergy.com



Refer to Nyalkaran Energy warranty document for terms and conditions.

State-of-the-art

Technology, know-how with

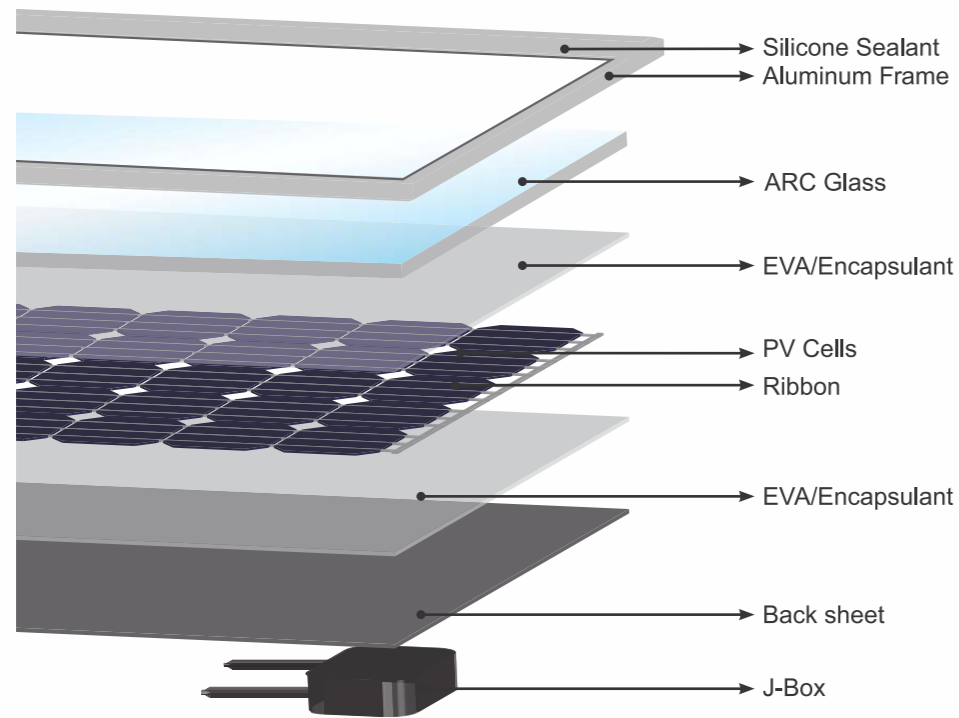
75 MW Capacity

European Manufacturing Facilities



www.nyalkaranenergy.com

STRUCTURE OF A PV MODULE





Shaping Future Technologies

Nyalkaran Energy, is the BIS certified companies in solar PV Module manufacturing unit with 75MW State-of-the-Art European technology manufacturing facilities first in Morbi, Gujarat, India., where we innovate to create and empower the world with functional products to harness and employ clean and green solar energy. We provide best quality of PV Module for power generation through photovoltaic with in-house R&D facility. We are working to realize our goals with new products and solutions; we aspire to cater to meet the growing energy demands without compromising on the sensitive environment.

Nyalkaran Energy solar PV modules manufacturing as per the MNRE guidelines and also having the National and International certificates which include BIS, IEC, ISO 9001:2015, 14001:2015. The current capacity of Nyalkaran Energy is 75MW and the global PV market has continued to grow 30% annually.

We provides standard and customized high quality and better efficient PV modules within the range of 40W to 410W. The company being a manufacturer of solar modules, it follows regress quality checks. The solar modules manufactured by Nyalkaran Energy are having life cycle of more than 25 years as its production is executed via various qualities checking process. We are continually looking for qualified people with innovative, entrepreneurial minds and passion for solar energy to join our team and make a greener future.

Being dedicated to taking solar, we are focused at addressing the needs of our customers through rugged, efficient, reliable in line with the world's best technology in solar, while maintaining continuous interaction with them to assess their emerging requirement, so as to be ready when the needs arise.

We are committed to total customer satisfaction by identifying their specific needs, translating source into Resource in Quality products and providing dependable after-sales-services. This commitment is the corner stone of our Quality Policy and we strive to achieve it by putting into place a Quality System. We plan to achieve this goal through our strength – the Employees; and seek their continuous involvement in achieving the Company's objectives.

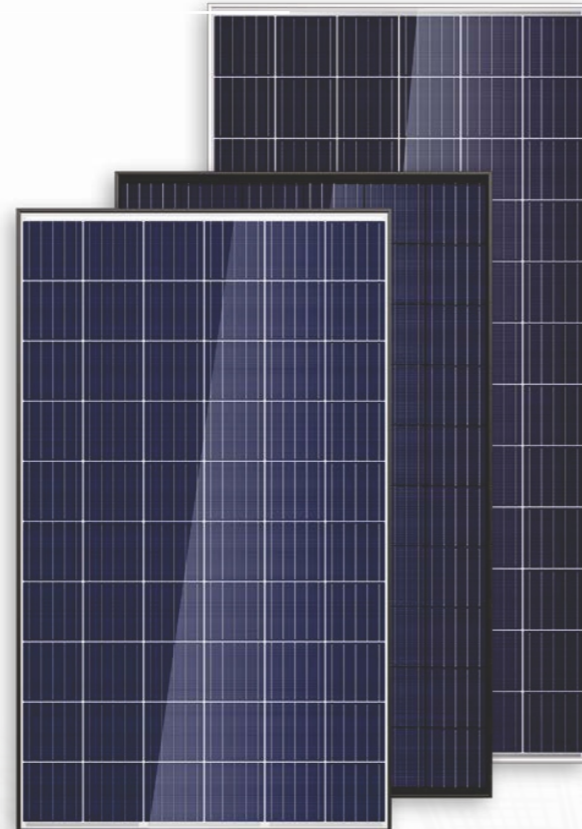
As a company, we will strive for higher goals and continue to provide good career path and greater benefits to the employees. We shall continue to provide all forms of training in self- development program not only to our staff but to our business partners/associates and dealers alike. We are a strong believer in training for advancement.

"Together We Can Make It"

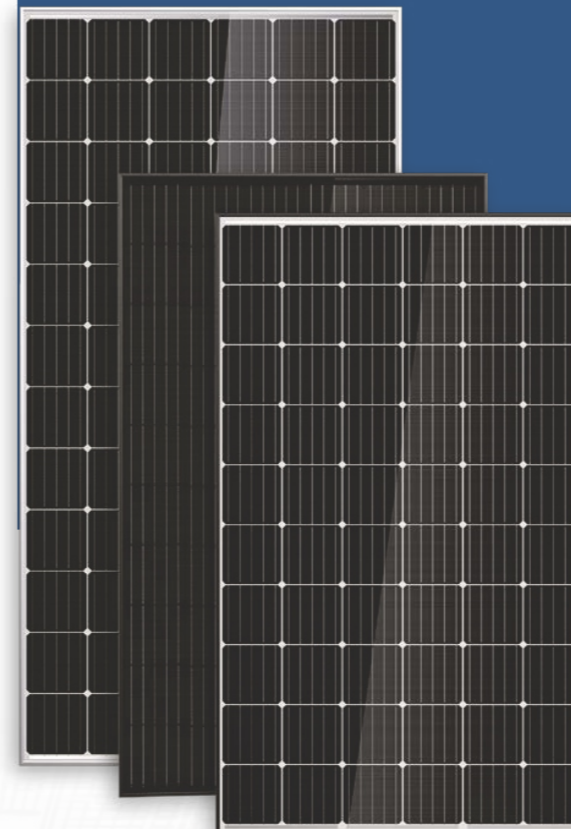
Sincerely,
Kaushik Adroja
Founder
Nyalkaran Energy LLP.

Save Energy

POLY Series 40 Wp – 345 Wp



MONO Series 180 Wp – 410 Wp



HIGH CONVERSION EFFICIENT Photo Voltaic Modules based on State-of-the art European manufacturing technology



Upto +3 Wp **POSITIVE POWER OUTPUT TOLERANCE GUARANTEED** ensuring return on investment

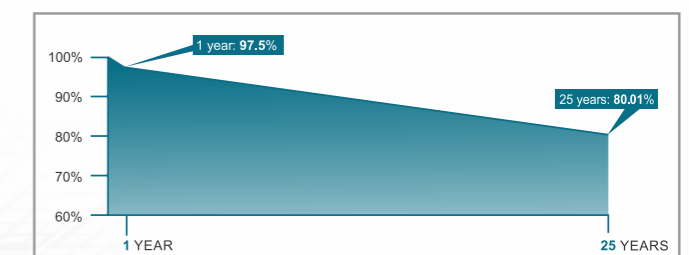


Extremely **RELIABLE PRODUCT** withstands high wind pressure and snow load and temperature variations



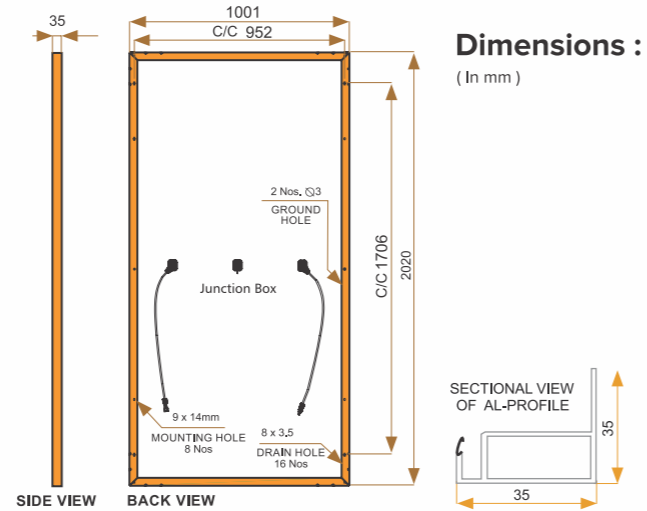
RIGOROUS QUALITY CONTROL meeting the highest International standards

PERFORMANCE WARRANTY



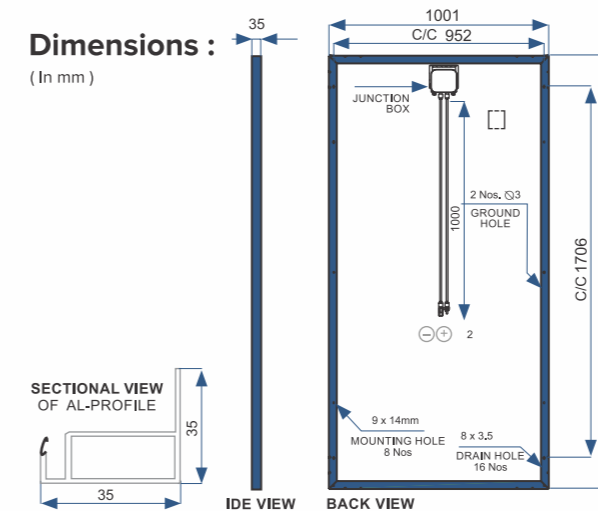
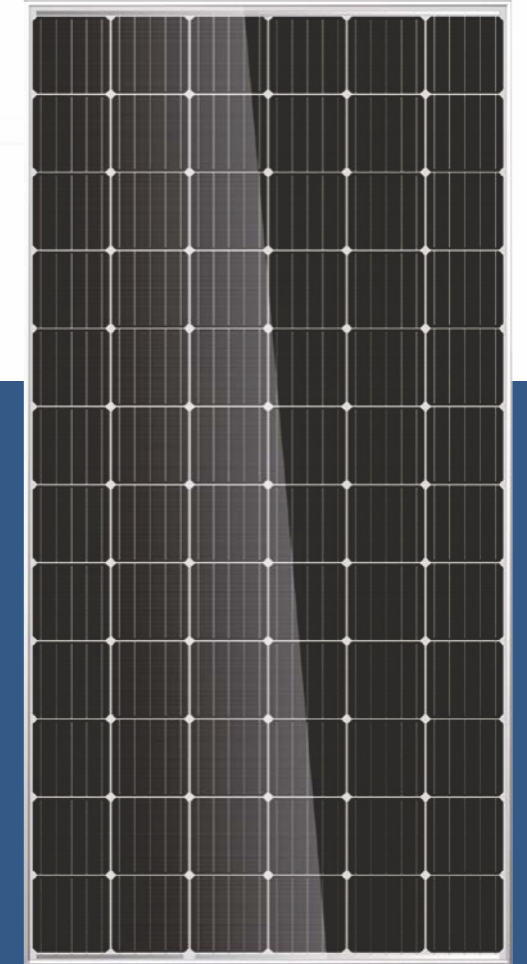
Sirius Mono PERC Series

Monocrystalline Solar PV Modules
144 Cut Cells | 5 BB



Arcturus Mono PERC Series

Monocrystalline Solar PV Modules
72 Cells | 5 BB



TECHNICAL DATA

TYPE	NE 355M	NE 365M	NE 375M	NE 385M	NE 395M	NE 400M	NE 410M
Pmp	355	365	375	385	395	400	410
Imp	8.80	8.97	9.11	9.28	9.47	9.59	9.82
Vmp	40.40	40.76	41.19	41.49	41.77	41.70	41.80
Isc	9.81	10.01	10.08	10.11	10.20	10.34	10.59
Voc	47.26	47.45	47.96	48.28	48.84	49.70	49.90
Module Size	2020×1001×35	2020×1001×35	2020×1001×35	2020×1001×35	2020×1001×35	2020×1001×35	2020×1001×35
Weight Approx	21.5 kg	21.5 kg	21.5 kg	21.5 kg	21.5 kg	21.5 kg	21.5 kg

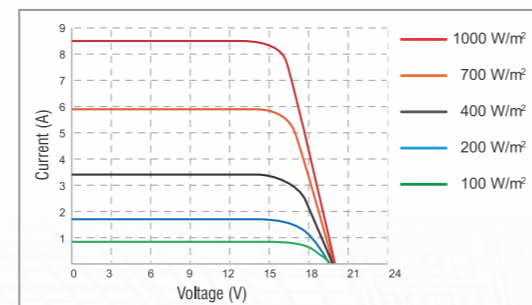
THERMAL PARAMETERS

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 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 72 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

TECHNICAL DATA

TYPE	NE 355M	NE 365M	NE 375M	NE 385M	NE 395M
Pmp	355	365	375	385	395
Imp	8.80	8.97	9.11	9.28	9.47
Vmp	40.40	40.76	41.19	41.49	41.77
Isc	9.81	10.01	10.08	10.11	10.20
Voc	47.26	47.45	47.96	48.28	48.84
Module Size	1986×1001×35	1986×1001×35	1986×1001×35	1986×1001×35	1986×1001×35
Weight Approx	20.5 kg	20.5 kg	20.5 kg	20.5 kg	20.5 kg

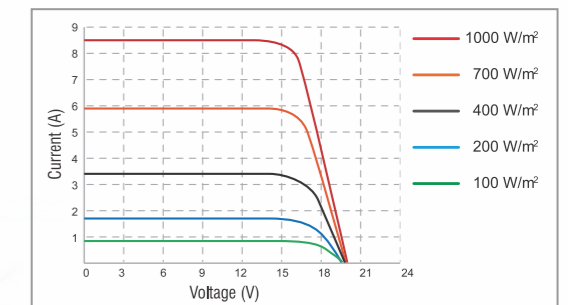
THERMAL PARAMETERS

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 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 72 cells)

IV CURVES

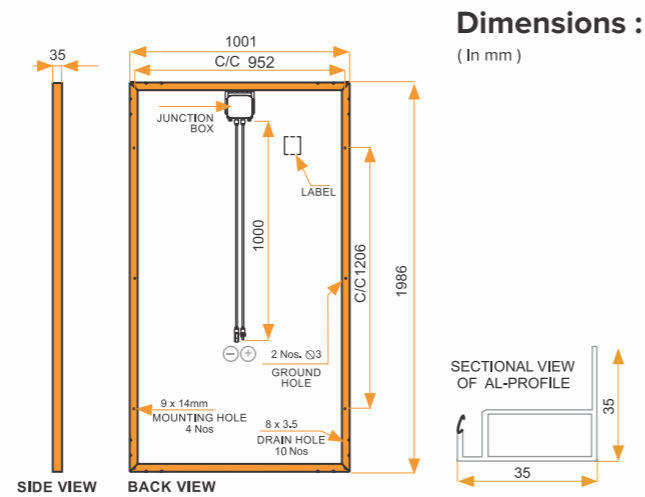
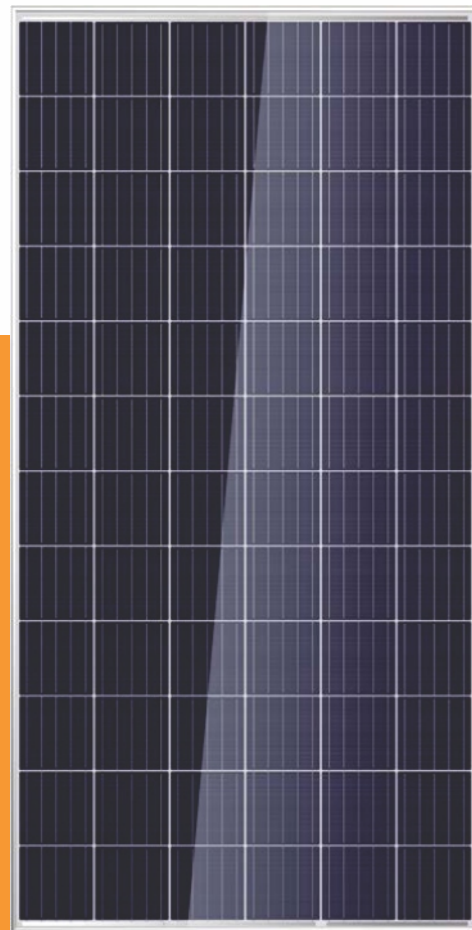


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* STC: 1000 w/m², 25 °C, AM 1.5

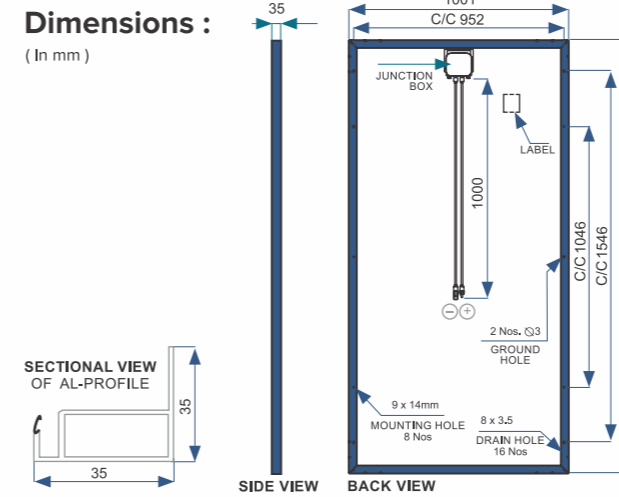
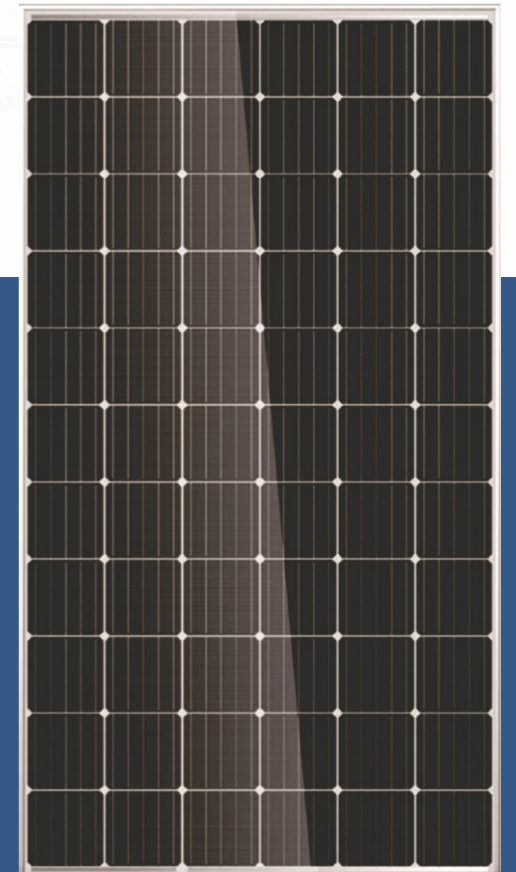
Dhruv Poly Series

Polycrystalline Solar PV Modules
72 Cells | 5 BB



Deneb Mono PERC Series

Monocrystalline Solar PV Modules
66 Cells | 5 BB



TECHNICAL DATA

TYPE	NE 310P	NE 315P	NE 320P	NE 330P	NE 340P	NE 345P
Pmp	310	315	320	330	340	345
Imp	8.06	8.14	8.25	8.51	8.64	8.70
Vmp	38.53	38.75	38.82	38.75	39.39	39.68
Isc	8.87	8.90	8.92	9.10	9.23	9.33
Voc	45.36	45.57	45.64	45.57	46.15	46.29
Module Size	1986×1001×35	1986×1001×35	1986×1001×35	1986×1001×35	1986×1001×35	1986×1001×35
Weight Approx	20.5 kg	20.5 kg	20.5 kg	20.5 kg	20.5 kg	20.5 kg

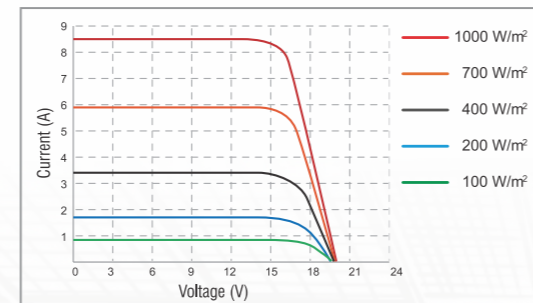
THERMAL PARAMETERS

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 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 72 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

TECHNICAL DATA

TYPE	NE 325M	NE 335M	NE 340M	NE 345M	NE 350M	NE 355M	NE 360M
Pmp	325	335	340	345	350	355	360
Imp	8.74	8.93	9.01	9.12	9.21	9.32	9.41
Vmp	37.23	37.57	37.76	37.90	38.03	38.16	38.29
Isc	9.84	10.06	10.8	10.09	10.10	10.16	1020
Voc	43.67	43.54	43.63	43.79	43.93	44.24	44.54
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

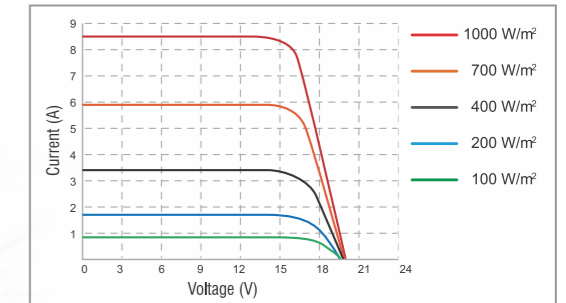
Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
Maximum System Voltage	1500 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

MECHANICAL DATA

Junction Box	IP67/ IP68
Cable and Connectors	1000 mm length with 4 mm 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 66 cells)

* STC: 1000 w/m², 25 °C, AM 1.5

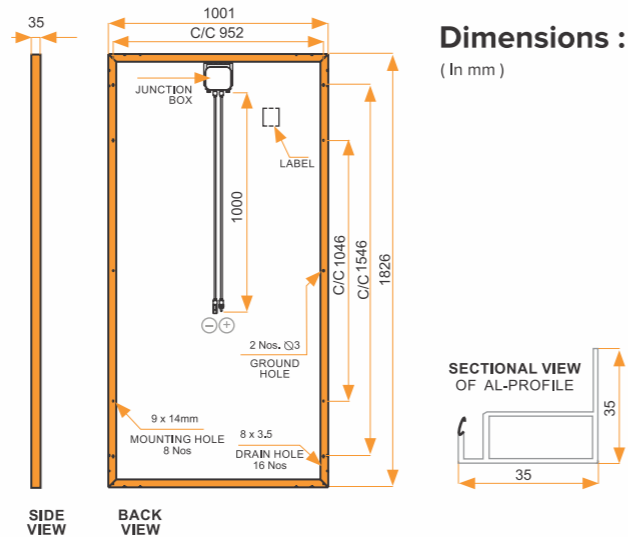
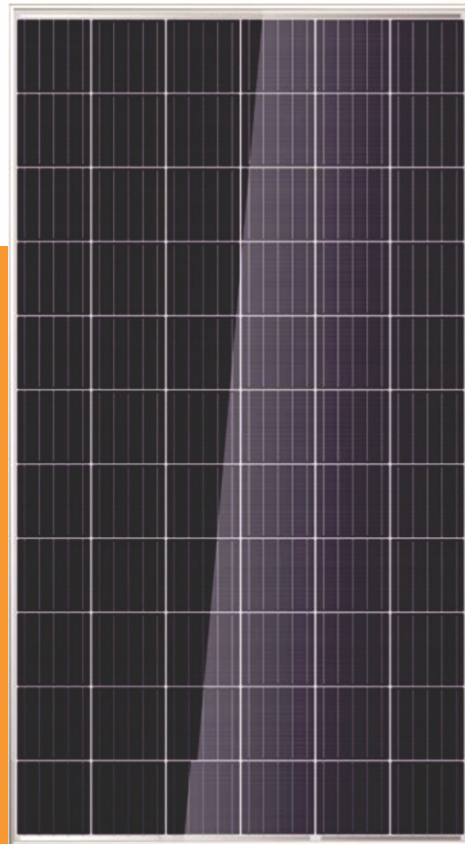
IV CURVES



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

Galaxy Poly Series

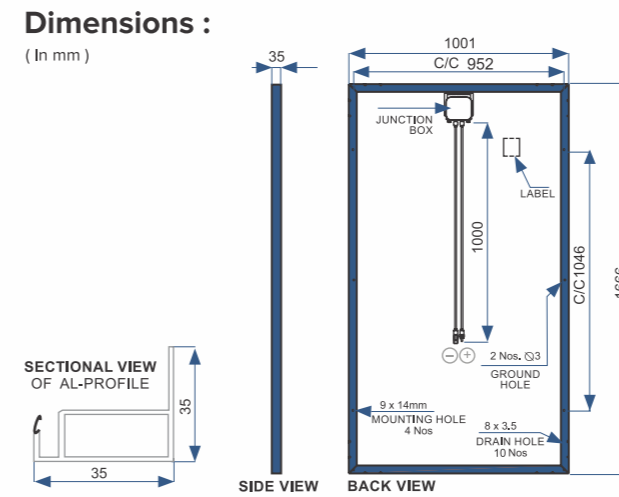
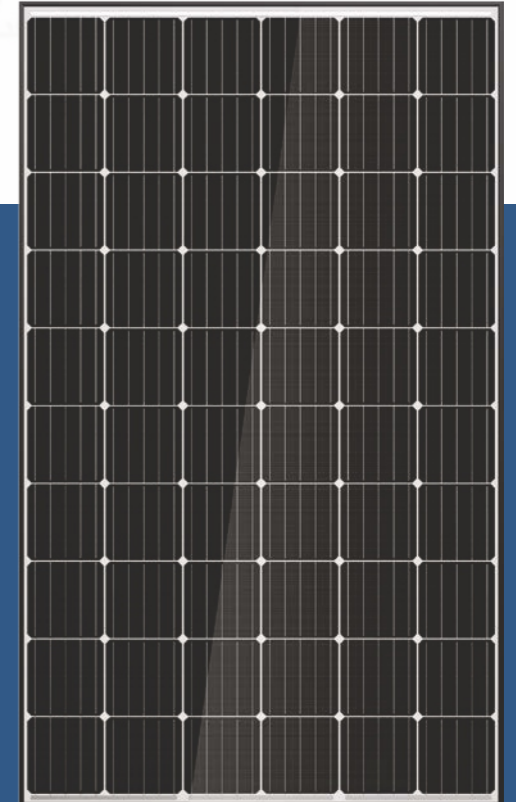
Polycrystalline Solar PV Modules
66 Cells | 5 BB



Dimensions :
(In mm)

Rigel Mono PERC Series

Monocrystalline Solar PV Modules
60 Cells | 5 BB



Dimensions :
(In mm)

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

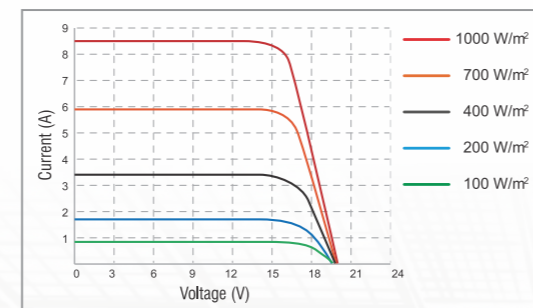
THERMAL PARAMETERS

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 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 66 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

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

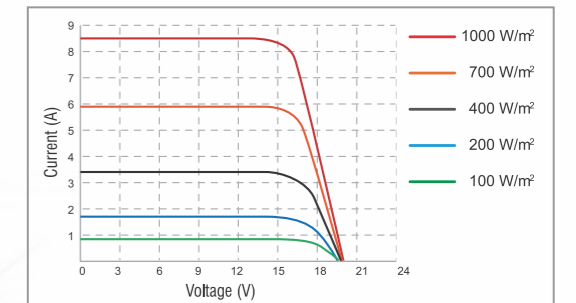
Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
Maximum System Voltage	1500 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

MECHANICAL DATA

Junction Box	IP67/ IP68
Cable and Connectors	1000 mm length with 4 mm 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)

* STC: 1000 w/m², 25 °C, AM 1.5

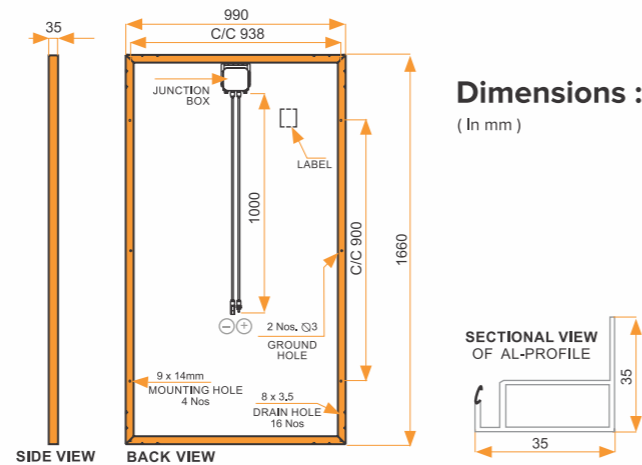
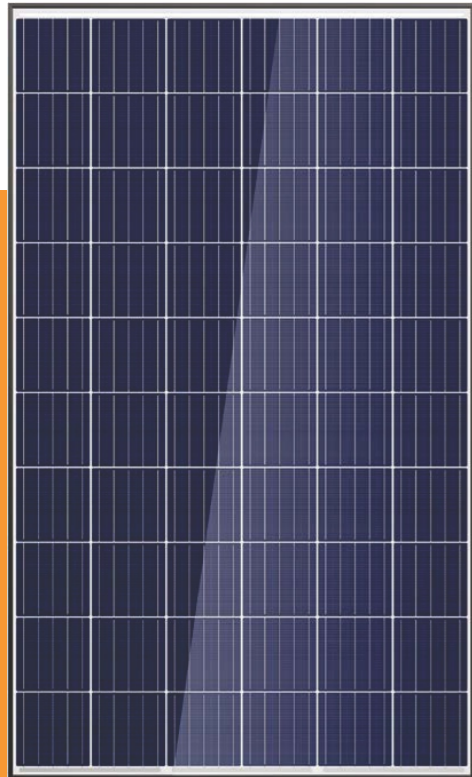
IV CURVES



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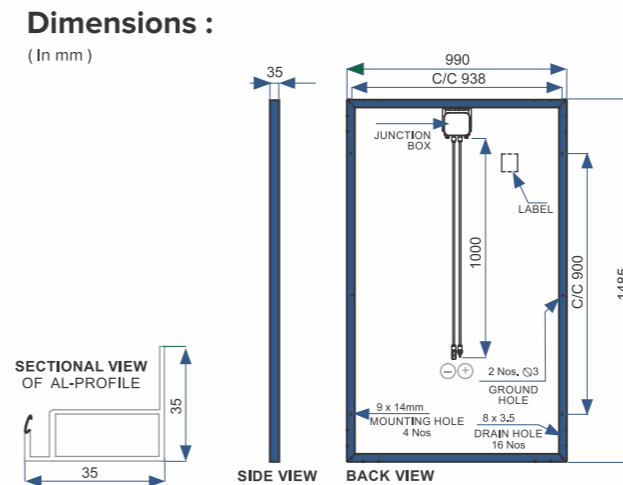
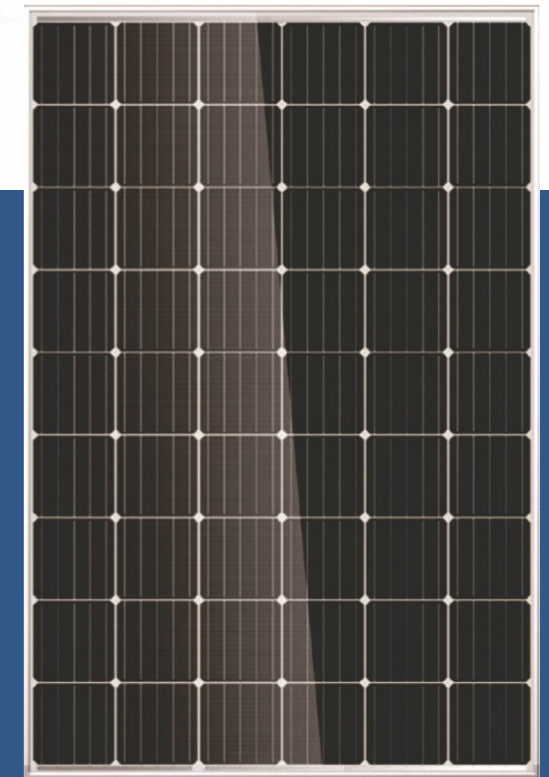
Antares Poly Series

Polycrystalline Solar PV Modules
60 Cells | 5 BB



Procyon Mono PERC Series

Monocrystalline Solar PV Modules
54 Cells | 5 BB



TECHNICAL DATA

TYPE	NE 260P	NE 265P	NE 270P	NE 275P	NE 280P	NE 285P	NE 290P
Pmp	260	265	270	275	280	285	290
Imp	8.10	8.22	8.42	8.53	8.62	8.71	8.77
Vmp	32.11	32.29	32.11	32.29	32.51	32.83	33.07
Isc	8.87	8.90	9.06	9.10	9.17	9.34	9.41
Voc	37.80	37.98	37.80	37.98	38.22	38.46	38.58
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

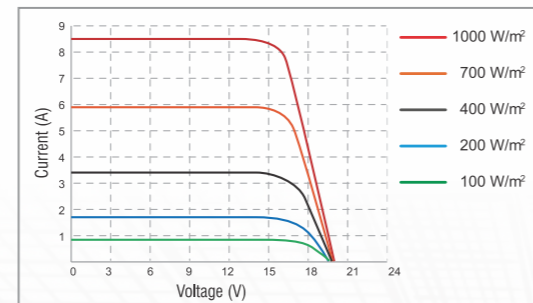
Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
Maximum System Voltage	1500 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

MECHANICAL DATA

Junction Box	IP67/ IP68
Cable and Connectors	1000 mm length with 4 mm 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)

* STC: 1000 w/m², 25 °C, AM 1.5

IV CURVES



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

TECHNICAL DATA

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

THERMAL PARAMETERS

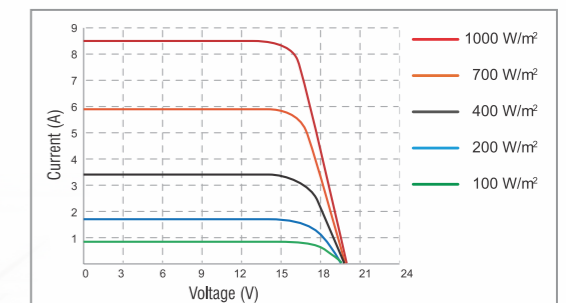
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Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
Maximum System Voltage	1500 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

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 54 cells)

* STC: 1000 w/m², 25 °C, AM 1.5

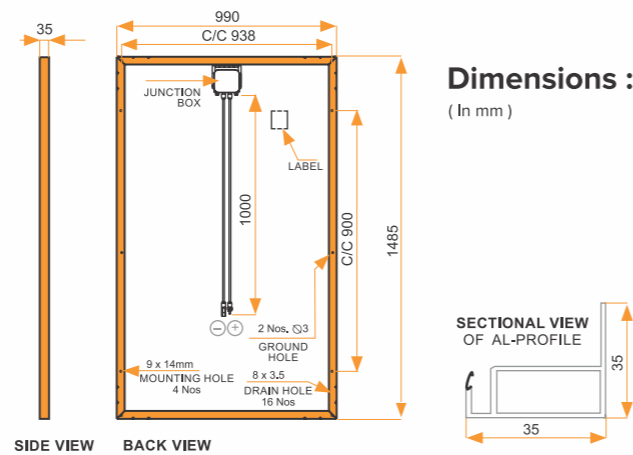
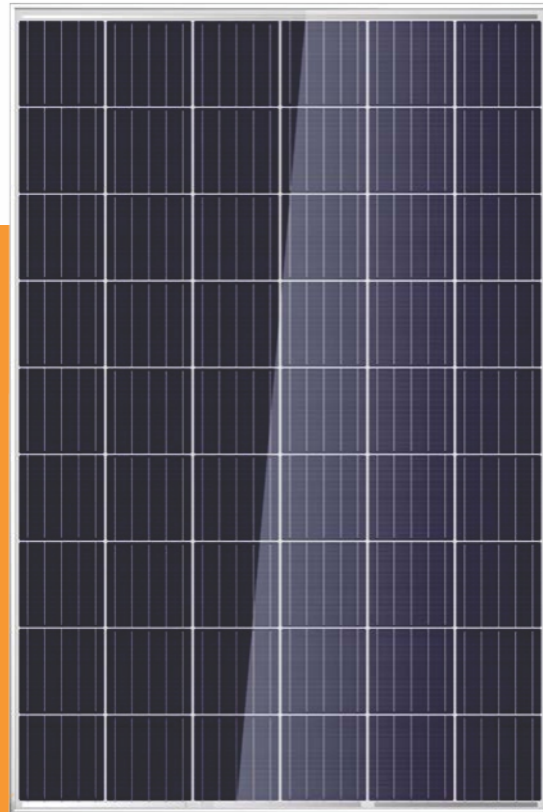
IV CURVES



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

Castor Poly Series

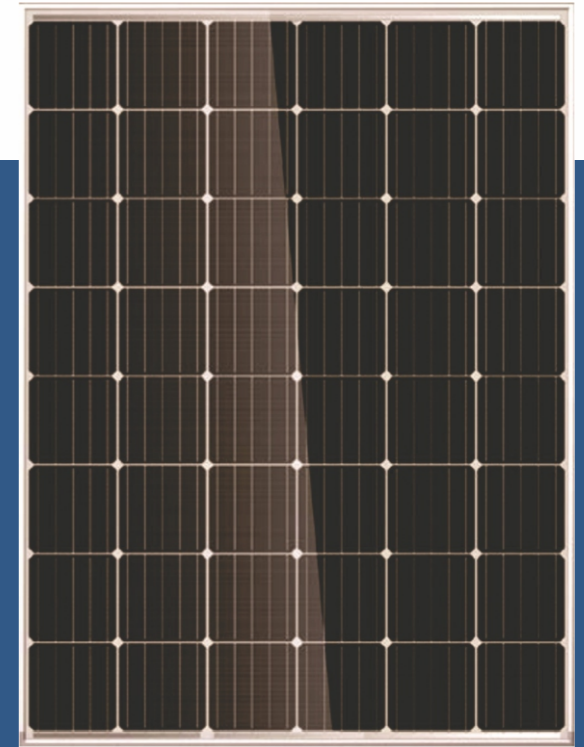
Polycrystalline Solar PV Modules
54 Cells | 5 BB



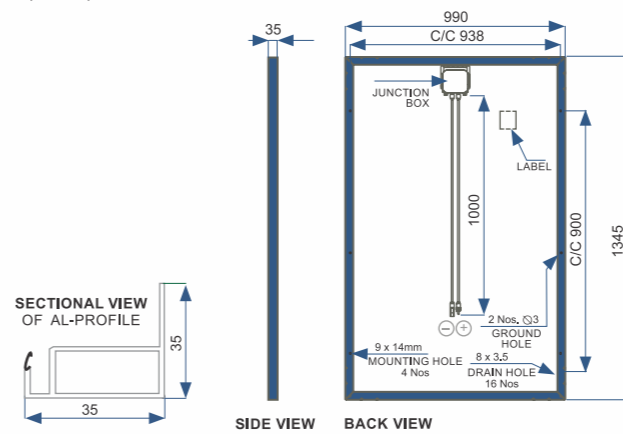
Dimensions :
(In mm)

Vega Mono PERC Series

Monocrystalline Solar PV Modules
48 Cells | 5 BB



Dimensions :
(In mm)



TECHNICAL DATA

TYPE	NE 230P	NE 235P	NE 240P	NE 245P	NE 250P	NE 255P	NE 260P
Pmp	230	235	240	245	250	255	260
Imp	7.97	8.10	8.32	8.44	8.57	8.64	8.74
Vmp	28.90	29.06	28.90	29.06	29.23	29.55	29.77
Isc	8.87	8.90	9.06	9.10	9.17	9.23	9.37
Voc	34.02	34.18	34.02	34.18	34.39	34.61	34.72
Module Size	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35	1505×1001×35
Weight Approx	15.5 kg	15.5 kg	15.5 kg	15.5 kg	15.5 kg	15.5 kg	15.5 kg

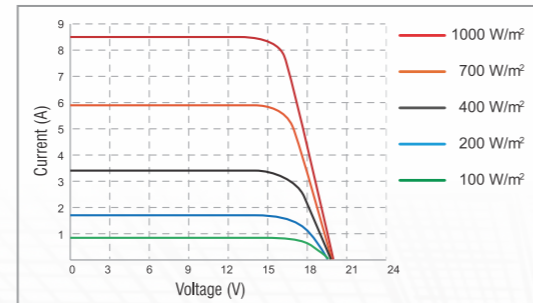
THERMAL PARAMETERS

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	1000 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 54 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

TECHNICAL DATA

TYPE	NE 240M	NE 245M	NE 250M	NE 255M	NE 260M	NE 265M
Pmp	240	245	250	255	260	265
Imp	8.00	8.93	9.04	9.24	9.39	9.52
Vmp	27.32	27.47	27.57	27.66	27.75	27.85
Isc	10.06	10.08	10.09	10.10	10.16	10.20
Voc	31.42	31.47	31.66	31.78	32.18	31.52
Module Size	1345×1001×35	1345×1001×35	1345×1001×35	1345×1001×35	1345×1001×35	1345×1001×35
Weight Approx	14.2 kg	14.2 kg	14.2 kg	14.2 kg	14.2 kg	14.2 kg

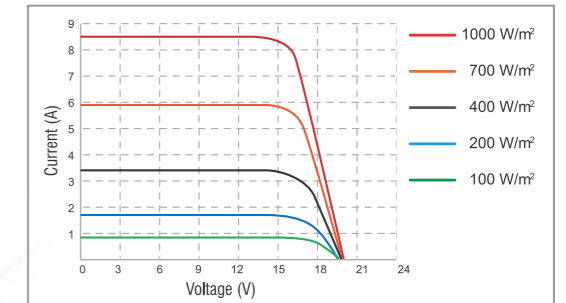
THERMAL PARAMETERS

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 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 48 cells)

IV CURVES

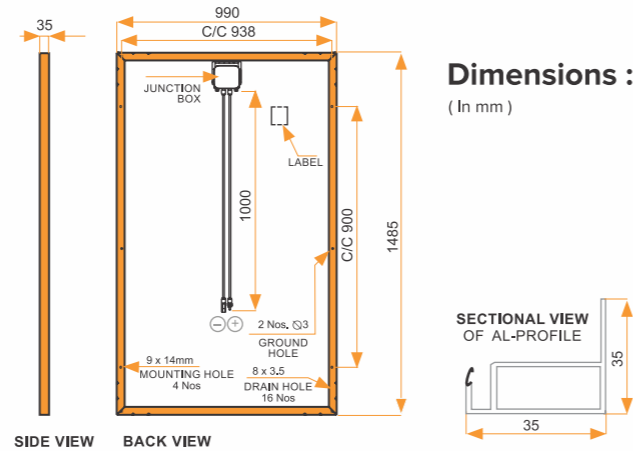
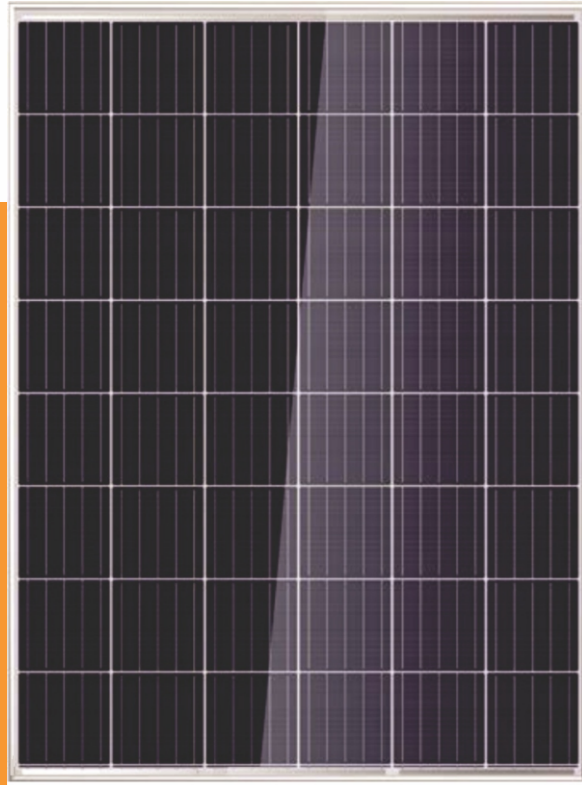


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* STC: 1000 w/m², 25 °C, AM 1.5

Acrus Poly Series

Polycrystalline Solar PV Modules
48 Cells | 5 BB



Dimensions :
(In mm)

TECHNICAL DATA

TYPE	NE 205P	NE 210P	NE 215P	NE 220P	NE 225P	NE 230P
Pmp	205	210	215	220	225	230
Imp	8.00	8.19	8.34	8.49	8.58	8.70
Vmp	25.69	25.69	25.83	25.98	26.27	26.46
Isc	8.87	9.06	9.10	9.17	9.23	9.37
Voc	30.24	30.24	30.38	30.57	30.76	30.86
Module Size	1345×1001×35	1345×1001×35	1345×1001×35	1345×1001×35	1345×1001×35	1345×1001×35
Weight Approx	14.2 kg	14.2 kg	14.2 kg	14.2 kg	14.2 kg	14.2 kg

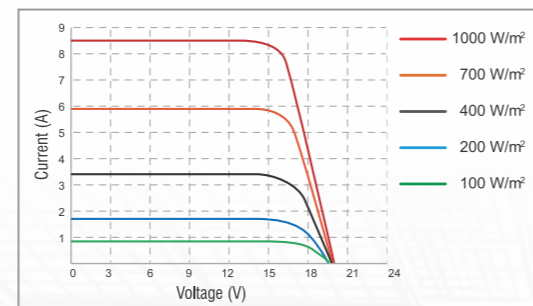
THERMAL PARAMETERS

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	1000 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 48 cells)

IV CURVES

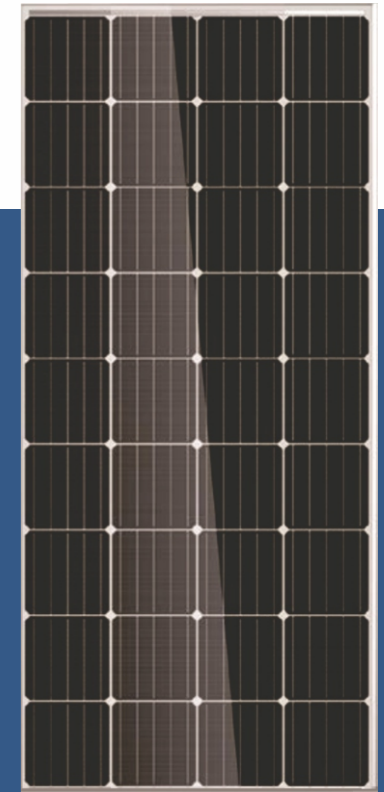


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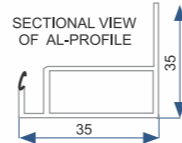
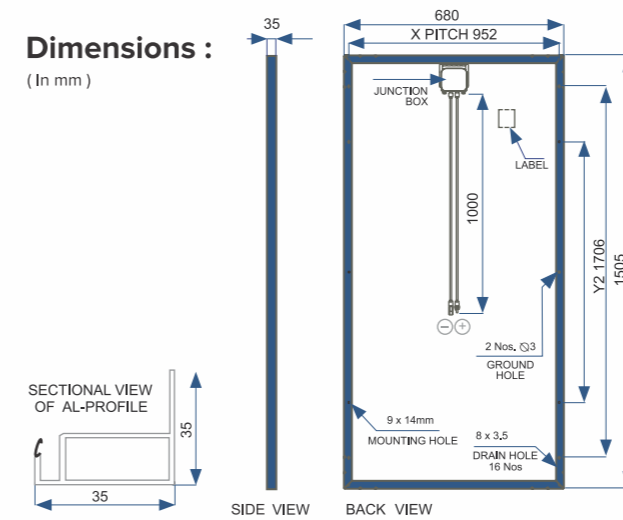
* STC: 1000 w/m², 25 °C, AM 1.5

Canopus Mono PERC Series

Monocrystalline Solar PV Modules
36 Cells | 5 BB



Dimensions :
(In mm)



SECTIONAL VIEW OF AL-PROFILE

TECHNICAL DATA

TYPE	NE 180M	NE 185M	NE 190M	NE 195M	NE 200M
Pmp	180	185	190	195	200
Imp	8.76	8.97	9.18	9.38	9.58
Vmp	20.60	20.68	20.75	20.82	20.89
Isc	10.08	10.09	10.11	10.16	10.23
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

THERMAL PARAMETERS

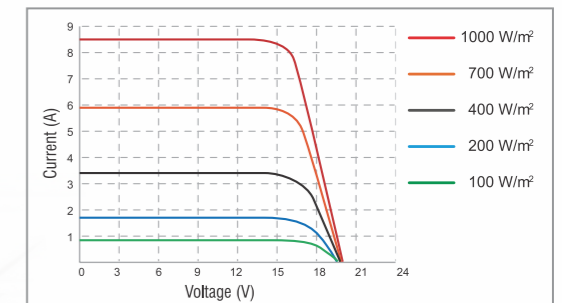
Tc of Open Circuit Voltage	- 0.310% / °C
Tc of Short Circuit Current	0.052% / °C
Tc of Power	- 0.41% / °C
Maximum System Voltage	600 V
NOCT	45 °C ± 2 °C
Operating Range	- 40 °C to +85 °C

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)

* STC: 1000 w/m², 25 °C, AM 1.5

IV CURVES

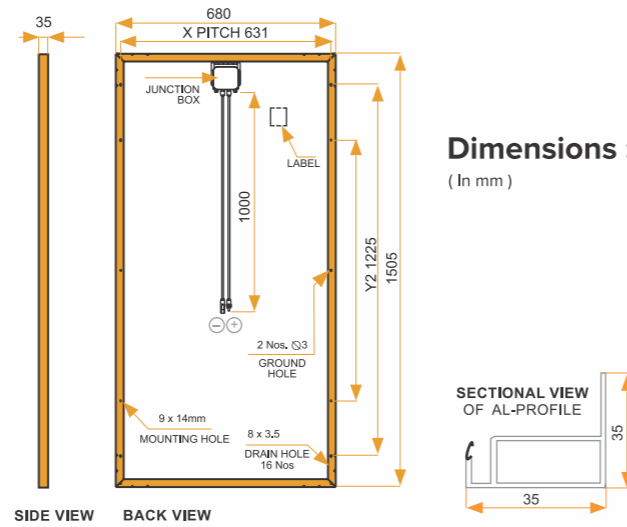


The specifications are for reference purpose only. Nyalkaran Energy reserves the right to change the specifications without prior notice.



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.

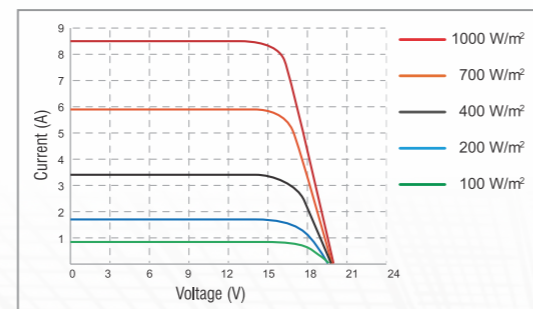
THERMAL PARAMETERS

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%

