



**SUPER SUN SOLAR LTD.**  
Rising Together





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1975

Super Group Incorporated.

1978

Manufacturing of industrial fabric commenced



1980

Processing of fabric

1990

Export of fabrics to different countries

1995

Expanded the textile business

1996

Launch wood and craft business

1998

Commercialization started



2000

Achieve top position in North Indian Market

2002

Foray into Education Segment

2005

Opened several Schools in name of "Gurukul The School"



2014

Become topmost school chains in India

2018

Super Sun Solar was incorporated.

2019

Solar Pv Modules commercial production started.

## Group Overview

Super Group has had a humble beginning as a startup Textile Company that can be traced back to 1975. With the considerable progress made in Manufacturing , Processing and Exporting of Industrial fabric used in shoe, bags , tents , automobiles and several industries of textile business.

In 1996 the group entered in Wood & Craft business and success achieved its top position in north market.

The group in 2002 diversified into Education Sector and opened several renowned Schools with the brand name of "Gurukul The School" one of the top most schools in Delhi NCR region.

In order to foray in Renewable Business Super Group established Super Sun Solar in 2018 with a Vision of "Greener & Cleaner Future ".



### Mr. Sachin Vats

Chairman

Leading light of Super Sun Solar, Sachin Vats is a well-known educationalist, philanthropist, and academician. A renowned panelist and speaker across multiple forums, Sachin is currently the Director at Super Sun Solar, the next-generation company that is well-poised to change the way Indians look at energy sources. Besides leading the charge at Super Sun Solar, Sachin is heading the District Chair of Interact Club and has been an active member of Rotary Club of Ghaziabad since 2005. His contribution in the field of education has been immense. In fact, Price Waterhouse Coopers has recognized his contribution in the field of education and has duly conferred the award of the most influential emerging leader. Sachin has a degree in Chemical Engineering, besides a Masters in Education and Administration. He is also the Founder Director of Ghaziabad's Gurukul The School.

## BOARD MEMBERS



### Mr. Subhash Chand Sharma

Founder and Director

Subhash is one of the senior Directors of Super Sun Solar. In addition to performing his duties as a director in our company, Subhash is an active philanthropist. He has also been an active participant across several social service organizations. An industry veteran with over four decades of experience behind him, Subhash has mentored and guided several professionals in his illustrious career and continues to do so. 'Super Furniture', one of the most trusted businesses in Ghaziabad is managed and owned by him. Besides being an active partner in the growth of Super Sun Solar, Subhash, who is an MA graduate, is among the board of directors of Super Dyeing and Printing Works. An out and out family man, he likes to spend time with his near and dear ones when he is not performing his duties of being a Director of our company.



### Mr. Hemant Sharma

MD and CEO

Hemant has donned several hats in his illustrious career that spans more than two decades. Currently serving as a Director at Super Sun Solar, Hemant is a B.Com graduate from the University of Delhi. He has tremendous knowledge in a variety of matters, including machinery and equipment. Besides being interested in the mechanical field, Hemant is a current Class A Government Contractor. He is also the Director of Super Dyeing and Printing Works. Contributing to his capacity in our organization, Hemant also never misses a point in guiding young workers and motivating them to exceed at all levels of work. When you don't find him working, Hemant can be seen spending time with his family and friends. During his free time, he likes to pursue his hobbies.

### Mr. Sharad Kant Pandit

Director

Sharad may be young but he is extremely talented and professional in his approach. A B.Com graduate, Sharad is an expert when it comes to handling all kinds of situations. His experience and knowledge in matters related to team management is immense. Besides being an active performer in the professional space, Sharad is a sports enthusiast. In fact, he was an active sportsman during his school days. He has gained valuable experience by working alongside his father and brother since his graduation days. Today, Sharad has transformed as a person with immense talent and knowledge. While Sharad has many hobbies and interests, his passion and love for machines has stood out. Being a keen learner, he is always interested in learning a thing or two about new technologies.



# Management



## Mr. Dev Raj

(Head-Solar Business)

**Dev Raj is the Head Solar Business of Pv Module Manufacturing of Super Sun Solar Limited .**

With more than 14 years of experience in the Solar Industry, he has a proven track record in driving Organisational growth in India and Abroad, spearheading Strategic Sales and BU Operations at regional and country levels. Is a professional with futuristic perspective who always strives to acquire new competencies for the business. Prior to joining Super Sun Solar, he was the General Manager Sales and worked in various leadership roles for companies like Applied Materials, Centrotherm Ag & Trina Solar. At Super Sun Solar, he leads Operations , Supply Chain Management along with Market Strategy and is based out of Delhi NCR. Has worked on developing Strategies for business modules for delivering and sustaining revenue and profit gains within highly competitive markets. Mr. Dev, with his exceptional communication amalgamated with a consultative sales style, is a strong negotiator, exceptional problem solver, and has a sharp client needs assessment aptitude. He possesses the rare combination of being able to come up with innovative ideas and strategies & quickly implementing them with distinguishable efficiency. He always impresses with his ability to build relationships with people, excels at motivating his own team, which ultimately results in achieving goal.

# Perception

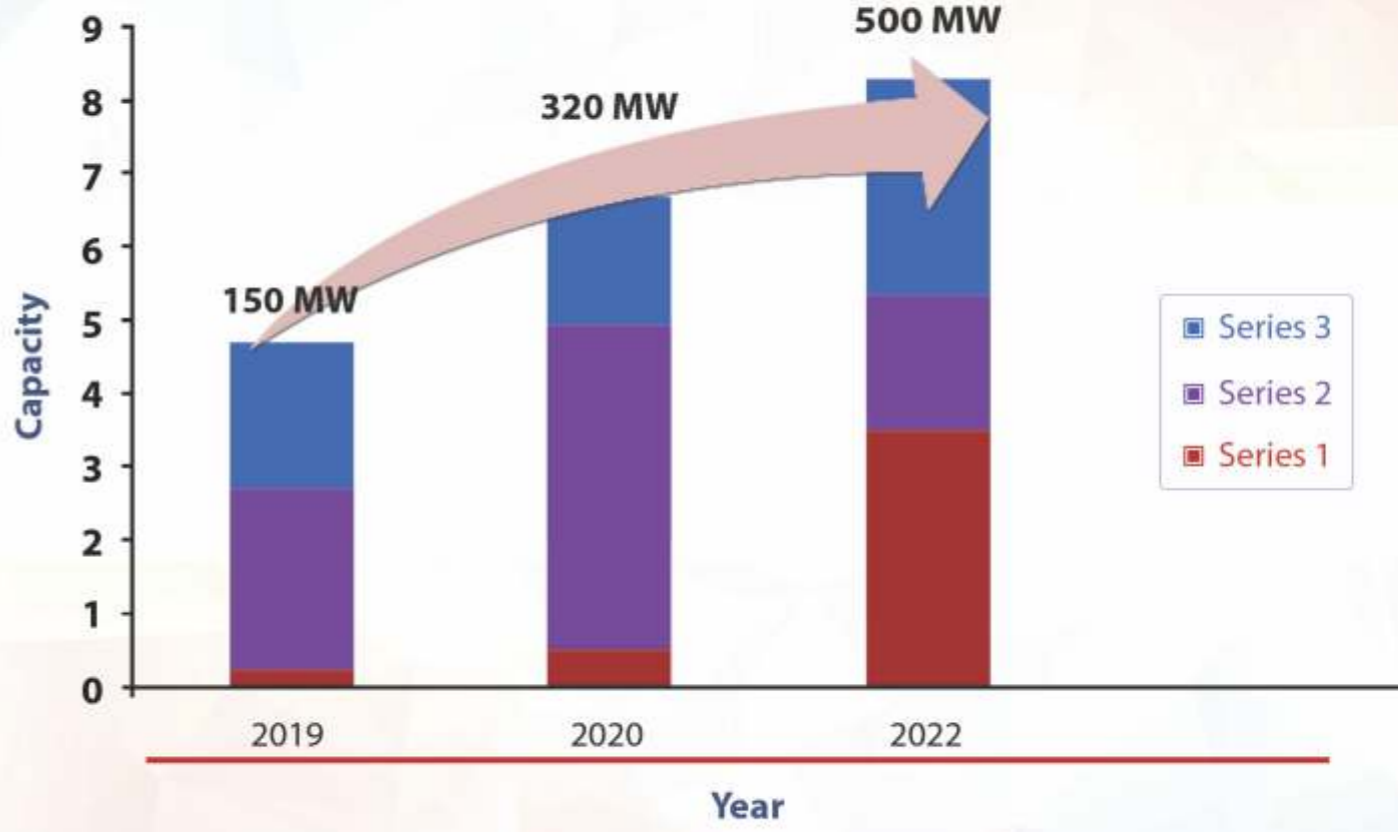
It is our endeavor to change the paradigm of nature whilst tapping into the natural resources for developing technically-sound and state-of-the-art solar energy solutions and thereby challenge the energy crisis we are all staring at today. To enable our clients to find the value for money proposition with the help of our multi-disciplinary and highly skilled technical team in producing energy solutions that will reach one and all.



## Our Quest

To provide high-tech energy solutions and services to customers whilst making a considerable amount of contribution to society by constantly working towards reducing carbon footprints by channelizing and harnessing the power of solar energy.

# ROADMAP





## Super Sun Solar

A clear vision of manufacturing high quality Solar Pv modules **Super Sun Solar** has started state of art manufacturing facility located close to Delhi NCR and is spread over a sprawling 5 acres land beside NH-24 Highway and boasts of an annual production capacity of approximately 150 MW expandable to 500 MW in the same premises . The facility is equipped with one of the World's Best Turnkey Line from **Mondragon Assembly Europe** designed to manufacture high quality Solar Photovoltaic Modules as per the International Quality Standards. The experienced production team with clean and centrally air conditioned shop floor enhances the efficiency and durability of the modules.

The automatic production line is also equipped with **Sun Simulator from Endeas , Europe** with **Hi Pot Testing** along Inline EL Tester to ensure that the modules manufactured are free from micro cracks, chipping and misalignment problems. The cells are tested and sorted using Cell tester prior to stringing to ensure uniformity in the output of each cell. The modules are finally tested on Sun Simulator to authenticate the end product quality right upto the customer's satisfaction.

### Managing Director Message :

I believe Super Sun to be a special company, a company of people proud of their past and excited about their future. Above all, it is a company defined by its performance. As we work to serve our customers, to build strong technology and products positions, and to serve, we must always keep paramount in our minds the importance of advancing our outstanding reputation through our quality of service, our shared values and through our consistently ethical and honest business conduct.

Those Concepts are stated clearly as our Company values:

•**PASSION** •**INNOVATION** •**TRUST**

**Super Sun Solar** & the Business partner's **Rising Together** to build a strong future, we will all continue to live our values, and apply the high standards. Work hard for one aim which is customer satisfaction by providing the best possible solar modules.

With best wishes,

**Hemant Sharma**

Managing Director



# EUROPEAN TECHNOLOGY PARTNERS

## Complete Turnkey Solution from Mondragon Assembly Europe

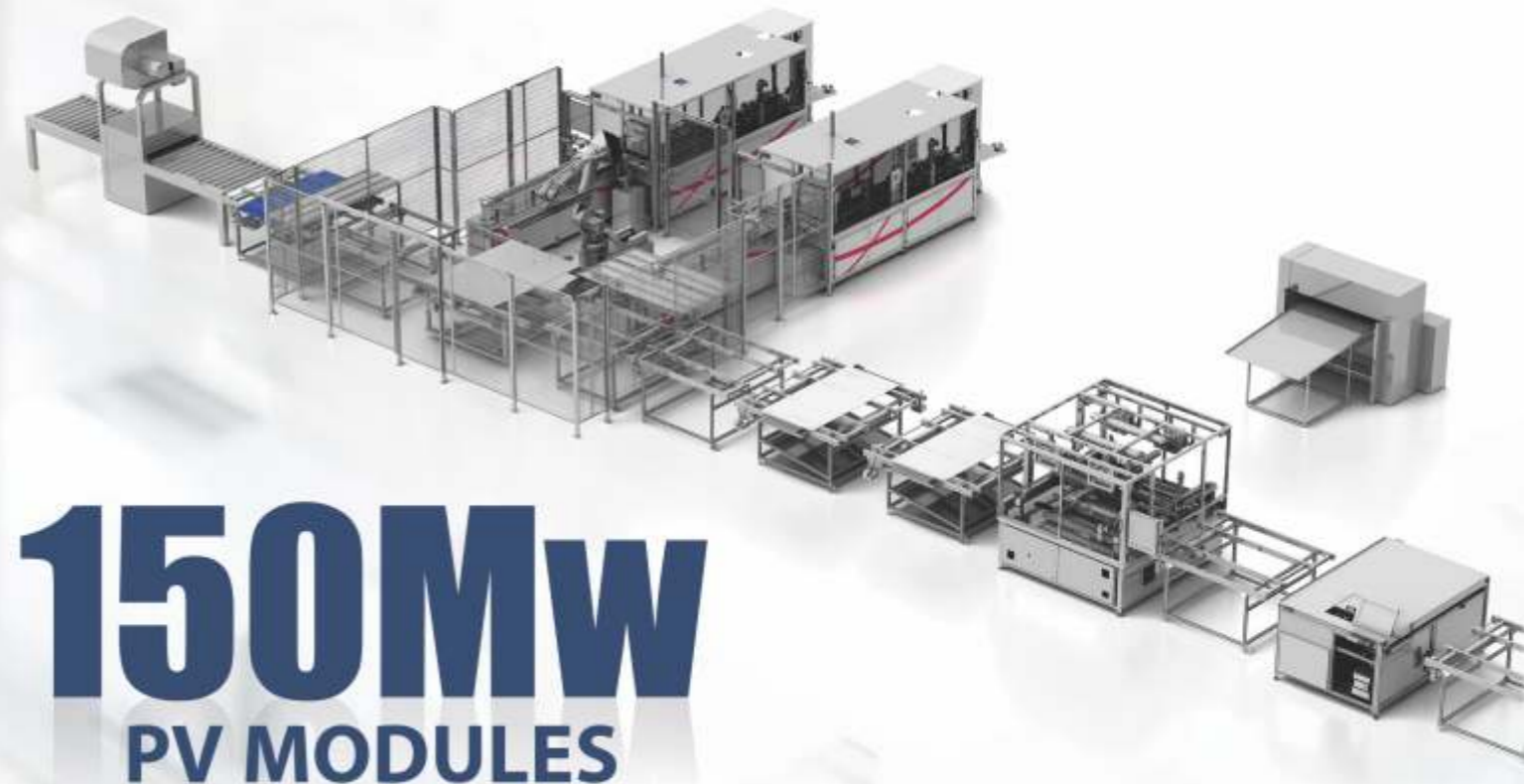
One of the Best Industry AAA Class Inline Sun Simulator from Endeas, Europe with Hi Pot Testing, Perc measurement Technology

In Process Quality testing at all stages of Line i.e. Pre Lamination and Post Lamination.

World's Best and Fastest Stringer from Mondragon Assembly, Spain with minimum Breakage Ratio of below 0.1% .

Inline EI Testing & Auto Inspection from Mondragon Assembly. This machine will efficiently detect micro cracks and defects in solar modules

In order to avoid manual intervention & to supply within stipulated timelines Layup even in small cut cells modules for best quality.





Best  
**Quality**

## UV Exposure Test

Temperature | UV Irradiance

The high-intensity ultraviolet radiation in sunlight will destroy the molecular chains of organic compounds in the module material and reduce the light transmission together with its mechanical properties, resulting in lower module efficiency and power generation. Our modules have superior UV resistance, which can prevent yellowing and delamination caused by ultraviolet light.

## Mechanical Load Test

To test suitability of Pv Module to withstand static minimum load



## PID Test

Temperature | Humidity | Bias | Period

Potential induced degradation (PID) is a potential induced performance degradation in modules caused by so-called stray currents.

Our modules' excellent performance in the test, effectively avoid the PID issue for customers.

## Thermal Cycling Test

Temperature

Thermal Cycles Test ensures the modules and its components can withstand the outdoor-exposure for more than 20 years of seasons changing.

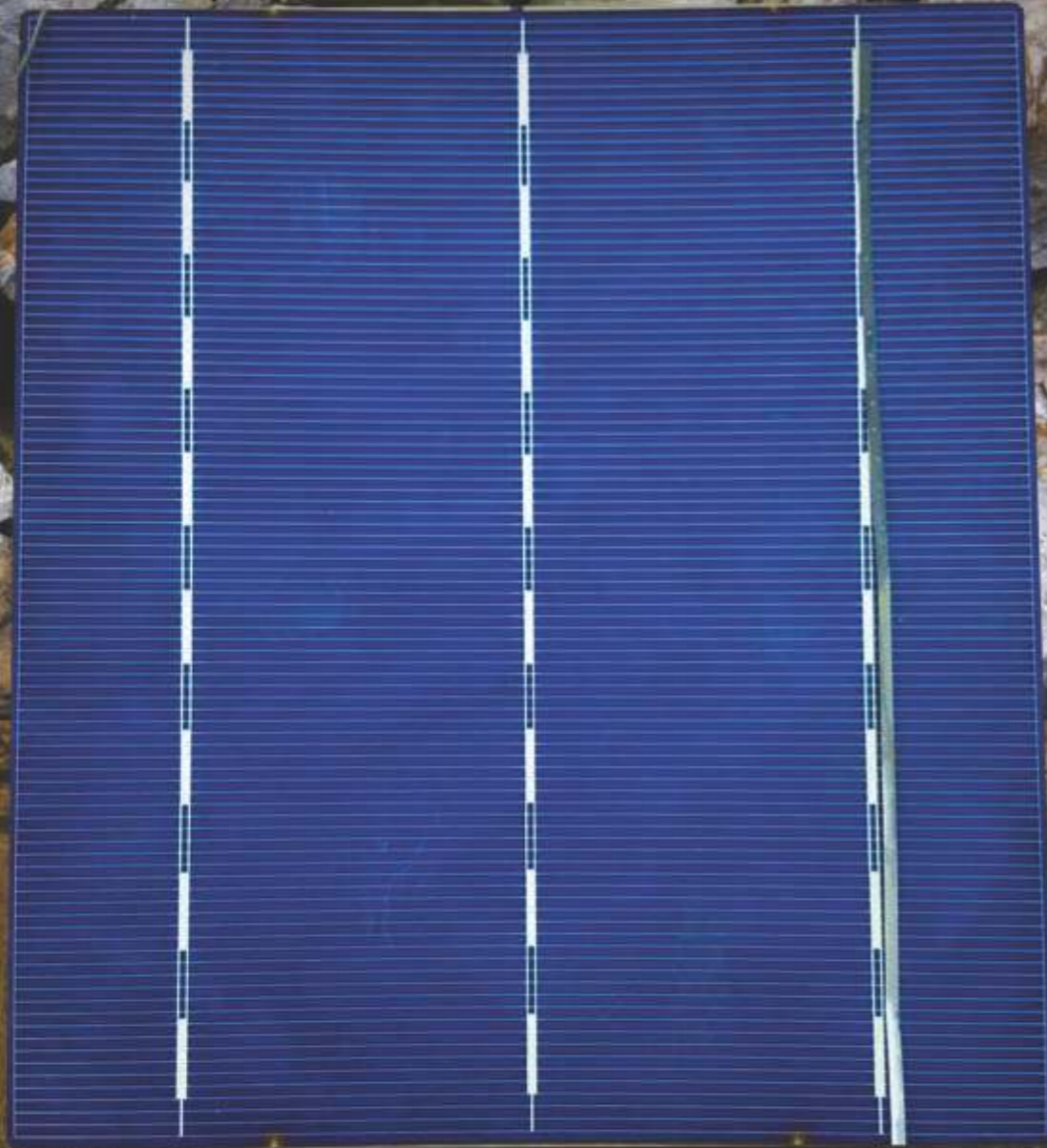
## Damp Heat Test

Temperature | Humidity | Period

Working in hot and humid environment for long time, modules and its components such as EVA and back sheet, are subjected to high temperatures moisture erosion.

Good heat-resistant modules can generate more power and maintain its high effectiveness in the tropical and rainy region, while ensuring safety as well.





Top Class  
**Materials**

## Back Sheet

### Super Isolation

Multilayer Structure, Low Water Absorption & Permeability Guarantee its perfect performance in damp circumstance

### Better Durability

Withstand fire/dust/UV/tear tests

Ensure its long durability in practical application scenarios

## EVA

Higher Transmittance >91%

Longer Durability

**NO** Delamination  
 Yellowing

## Frame

### Durability



**>20**  
 Serrated-clip  
 design  
 tensile strength



**>1.5mm**  
 Profile

### User-friendly



**6063**  
 Alloy Temper



■ □  
 black/silver  
 optional

## Connector & Junction box

### Super Isolation

Full-glue-filled junction box Outstanding sealability

**IP68**

Waterproofness

**4mm<sup>2</sup>**

Qualified Cable

**500N**

Tensile Strength

**Top Brands**

Top-Level Accessories

### Ultra Clear AR Coating Tempered PV Glass

**Higher Transmittance**

Higher Than Common Glass 12%

**Higher Transmittance**

Lower Than Common Glass 30%

### High Efficiency PV Cells

**Higher Efficiency**

Up to 22.00%

# SUPER SUN SOLAR

Rising Together

## JAGUAR Series



**POLY MODULE**  
60 Cell

**POWER OUTPUT RANGE**  
260-280Wp

**MAXIMUM EFFICIENCY**  
17.12%

Super Sun Solar is a first Solar PV Module manufacturer in North India which is using "Fully Automatic Complete Turnkey line from Mondragon Assembly, Europe".

- Extended wind and snow load tests  
Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 pascal).
- High module conversion efficiency  
module efficiency up to 18% achieved.
- Good temperature coefficient  
Enables higher output in high temperature regions
- IP67 Rated junction box  
IP67 junction box for long-term weather endurance.



### Reliability

- 100% EL tested to ensure micro crack free Modules
- Rigorous quality control meeting the highest International Standards
- European 3 in 1 AAA Sun Simulator** from Endeas
- Hi Pot Inline Testing capability
- Robotic String Layup.

### Applications

- Utility Projects
- Rooftop residential, commercial and industrial roof top installations
- Off-grid Projects

## POLY 60 CELLS MODULE

MODEL TYPE	SSS 260P60	SSS 265P60	SSS 270P60	SSS 275P60	SSS 280P60
CELL TYPE	MULTI - 60 CELL	MULTI - 60 CELL	MULTI - 60 CELL	MULTI - 60 CELL	MULTI - 60 CELL
MAXIMUM POWER (P <sub>MAX</sub> ) WP	260	265	270	275	280
MAXIMUM POWER VOLTAGE (V <sub>MP</sub> ) V	30.80	31.00	31.20	31.40	31.60
MAXIMUM POWER CURRENT (I <sub>MP</sub> ) A	8.44	8.55	8.65	8.75	8.86
OPEN CIRCUIT VOLTAGE (V <sub>OC</sub> ) V	37.60	37.90	38.00	38.20	38.30
SHORT CIRCUIT CURRENT (I <sub>SC</sub> ) A	9.14	9.23	9.25	9.32	9.38
MODULE EFFICIENCY (>) %	16.00	16.30	16.52	16.82	17.12

### Temperature Ratings

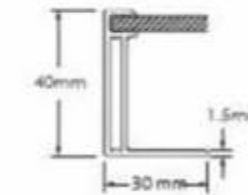
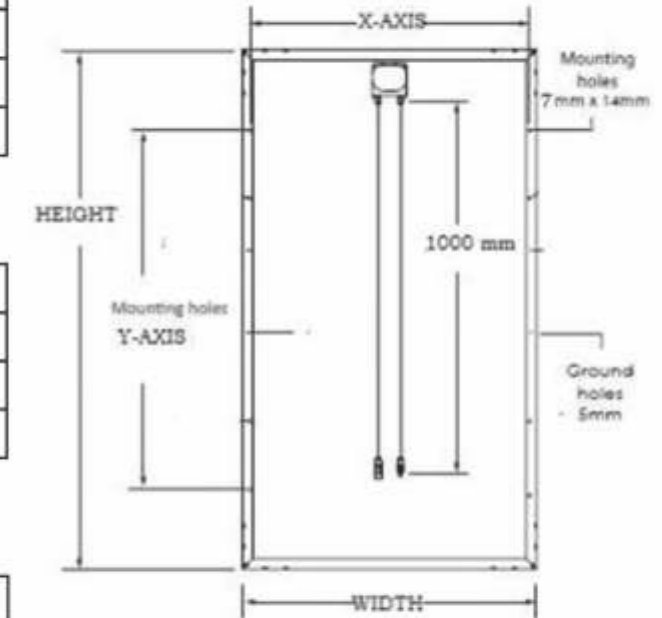
NOMINAL OPERATING CELL TEMPERATURE (NOCT)	45°C ± 2 °C
TEMPERATURE COEFFICIENT OF PMPP	-0.42%/°C
TEMPERATURE COEFFICIENT OF VOC	-0.35%/°C
TEMPERATURE COEFFICIENT OF ISC	+0.06%/°C

### Mechanical Data

DIMENSIONS (HXWXT)	1640 X 990 X 40/35 MM
WEIGHT (KGS)	18.5 KG
MOUNTING HOLE (X-AXIS)	942 MM
MOUNTING HOLE (Y-AXIS)	820 MM

### General Data

SOLAR CELLS (MM)	156.75 X 156.75
CELL ORIENTATION	10 X 6
FRONT GLASS	ARC, TEMPERED & LOW IRON GLASS, 3.2 MM
FRAME	ANODIZED ALUMINUM ALLOY
JUNCTION BOX	IP 68
CABLE & CONNECTORS	4 SQ MM, 1000 MM LENGTH WITH MC4 CONNECTORS



\* Refer to module installation instructions for maximum loading configurations.  
\* Frame: 35 mm height is optional.  
\* Frame: Black is applicable.

### Maximum Ratings

OPERATING TEMPERATURE	-40 TO 85°C
MAXIMUM SYSTEM VOLTAGE	1500 V
MAXIMUM SERIES FUSE RATING	15 A
APPLICATION CLASSIFICATION	A
ELECTRICAL TOLERANCE	±3%

Under Standard Test Condition (STC) of Irradiance of 1000 w/m<sup>2</sup>, Spectrum AM 1.5 and Cell Temperature of 25°C

**Works:** Khasra No.401, NH-24, Delhi Hapur Road, Near Shri Ram Hospital, Pilkhuwa-245304, Distt. Hapur, UP

**Phone No.:** + 91 (0)122 2323232  
+ 91 (0)122 2980298

**Mobile No.:** + 91 9105727273

**ES**  
**LEOPARD**  
Series



**POLY MODULE**  
72 Cell

**POWER OUTPUT RANGE**  
310-340Wp

**MAXIMUM EFFICIENCY**  
18%

Super Sun Solar is a first Solar PV Module manufacturer in North India which is using "Fully Automatic Complete Turnkey line from Mondragon Assembly, Europe".

- Extended wind and snow load tests Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 pascal).
- High module conversion efficiency module efficiency up to 18% achieved.
- Good temperature coefficient Enables higher output in high temperature regions
- IP67 Rated junction box IP67 junction box for long-term weather endurance.



**Reliability**

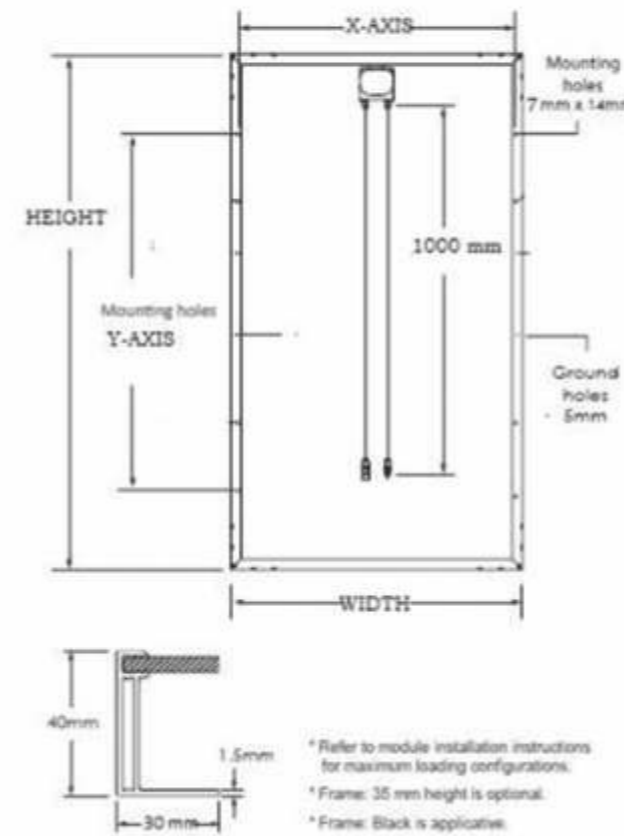
- 100% EL tested to ensure micro crack free Modules
- Rigorous quality control meeting the highest International Standards
- **European 3 in 1 AAA Sun Simulator** from Endeas
- Hi Pot Inline Testing capability
- Robotic String Layup.

**Applications**

- Utility Projects
- Rooftop residential, commercial and industrial roof top installations
- Off-grid Projects

**MULTI 72 CELLS MODULE**

MODEL TYPE	SSS 310P72	SSS 315P72	SSS 320P72	SSS 325P72	SSS 330P72	SSS 335P72
CELL TYPE	MULTI-72 CELL	MULTI-72 CELL	MULTI-72 CELL	MULTI-72 CELL	MULTI-72 CELL	MULTI-72 CELL
MAXIMUM POWER( P <sub>MAX</sub> ) WP	310	315	320	325	330	335
MAXIMUM POWER VOLTAGE (V <sub>MP</sub> ) V	36.50	36.80	37.10	37.20	37.40	37.60
MAXIMUM POWER CURRENT( I <sub>MP</sub> ) A	8.50	8.56	8.63	8.73	8.83	8.91
OPEN CIRCUIT VOLTAGE( V <sub>OC</sub> ) V	45.20	45.30	45.50	45.60	45.80	46.00
SHORT CIRCUIT CURRENT( I <sub>SC</sub> ) A	8.80	8.86	9.15	9.19	9.28	9.35
MODULE EFFICIENCY (>) %	16.00	16.25	16.52	16.72	17.02	17.22



**Temperature Ratings**

NOMINAL OPERATING CELL TEMPERATURE (NOCT)	45°C ± 2 °C
TEMPERATURE COEFFICIENT OF PMPP	-0.42%/°C
TEMPERATURE COEFFICIENT OF VOC	-0.35%/°C
TEMPERATURE COEFFICIENT OF ISC	+0.06%/°C

**Mechanical Data**

DIMENSIONS (HXWXT)	1955 X 990 X 40/35 MM
WEIGHT (KGS)	22.5 KG
MOUNTING HOLE (X-AXIS)	942 MM
MOUNTING HOLE (Y-AXIS)	977.5 MM

**General Data**

SOLAR CELLS (MM)	156.75 X 156.75
CELL ORIENTATION	12 X 6
FRONT GLASS	ARC, TEMPERED & LOW IRON GLASS, 3.2 MM
FRAME	ANODIZED ALUMINUM ALLOY
JUNCTION BOX	IP 68
CABLE & CONNECTORS	4 SQ MM, 1000 MM LENGTH WITH MC4 CONNECTORS

**Maximum Ratings**

OPERATING TEMPERATURE	-40 TO 85°C
MAXIMUM SYSTEM VOLTAGE	1500 V
MAXIMUM SERIES FUSE RATING	15 A
APPLICATION CLASSIFICATION	A
ELECTRICAL TOLERANCE	±3%

Under Standard Test Condition (STC) of Irradiance of 1000 w/m<sup>2</sup>, Spectrum AM 1.5 and Cell Temperature of 25°C

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**Mobile No.:** + 91 9105727273

**ES**  
**PANTHER**  
Series



**MONO PERC MODULE**  
72 Cell

**POWER OUTPUT RANGE**  
375-430Wp

**MAXIMUM EFFICIENCY**  
20%

Super Sun Solar is a first Solar PV Module manufacturer in North India which is using "Fully Automatic Complete Turnkey line from Mondragon Assembly, Europe".

- Extended wind and snow load tests  
Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 pascal).
- High module conversion efficiency  
module efficiency up to 20% achieved.
- Good temperature coefficient  
Enables higher output in high temperature regions
- IP67 Rated junction box  
IP67 junction box for long-term weather endurance.



**Reliability**

- 100% EL tested to ensure micro crack free Modules
- Rigorous quality control meeting the highest International Standards
- **European 3 in 1 AAA Sun Simulator** from Endeas
- Hi Pot Inline Testing capability
- Robotic String Layup.

**Applications**

- Utility Projects
- Rooftop residential, commercial and industrial roof top installations
- Off-grid Projects

**MONO PERC 72 CELLS MODULE**

MODEL TYPE	SSS	SSS	SSS	SSS	SSS	SSS	SSS
	340MP72	345MP72	350MP72	355MP72	360MP72	365MP72	370MP72
CELL TYPE	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL	MONO PERC-72 CELL
MAXIMUM POWER( P <sub>MAX</sub> ) WP	340	345	350	355	360	365	370
MAXIMUM POWER VOLTAGE (V <sub>MP</sub> ) V	38.20	38.50	38.70	38.80	39.00	39.20	39.20
MAXIMUM POWER CURRENT( I <sub>MP</sub> ) A	8.90	8.96	9.04	9.14	9.24	9.32	9.40
OPEN CIRCUIT VOLTAGE( V <sub>OC</sub> ) V	46.20	46.70	47.00	47.40	47.70	47.90	48.10
SHORT CIRCUIT CURRENT( I <sub>SC</sub> ) A	9.50	9.55	9.60	9.65	9.70	9.76	9.82
MODULE EFFICIENCY (>) %	17.50	17.70	18.00	18.30	18.50	18.70	19.00

**Temperature Ratings**

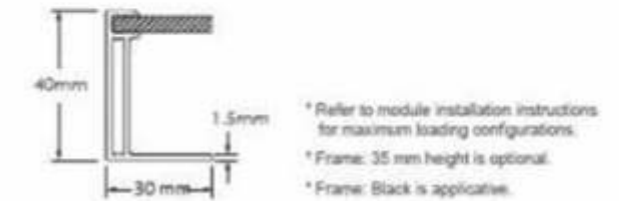
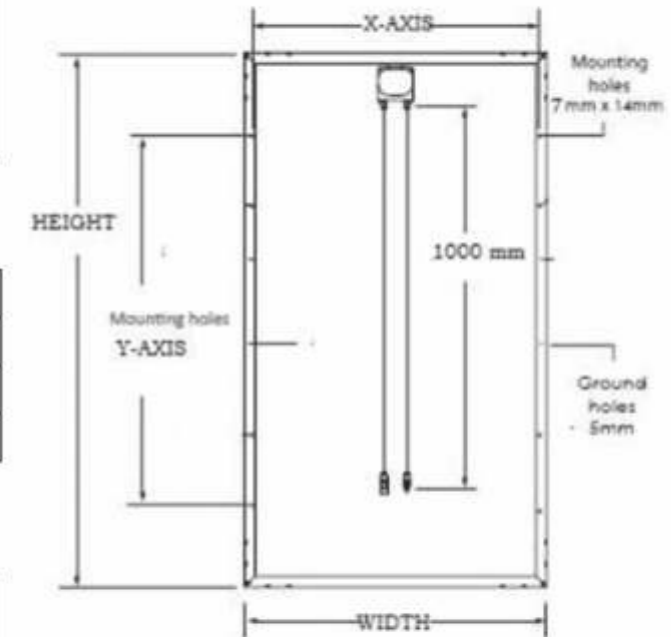
NOMINAL OPERATING CELL TEMPERATURE (NOCT)	45°C ± 2 °C
TEMPERATURE COEFFICIENT OF P <sub>MP</sub>	-0.39%/°C
TEMPERATURE COEFFICIENT OF V <sub>OC</sub>	-0.30%/°C
TEMPERATURE COEFFICIENT OF I <sub>SC</sub>	+0.06%/°C

**Mechanical Data**

DIMENSIONS (HXWXT)	1955 X 990 X 40/35 MM
WEIGHT (KGS)	22.5 KG
MOUNTING HOLE (X-AXIS)	942 MM
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SOLAR CELLS (MM)	156.75 X 156.75
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FRONT GLASS	ARC, TEMPERED & LOW IRON GLASS, 3.2 MM
FRAME	ANODIZED ALUMINUM ALLOY
JUNCTION BOX	IP 68
CABLE & CONNECTORS	4 SQ MM, 1000 MM LENGTH WITH MC4 CONNECTORS



**Maximum Ratings**

OPERATING TEMPERATURE	-40 TO 85°C
MAXIMUM SYSTEM VOLTAGE	1500 V
MAXIMUM SERIES FUSE RATING	15 A
APPLICATION CLASSIFICATION	A
ELECTRICAL TOLERANCE	±3%

Under Standard Test Condition (STC) of Irradiance of 1000 w/m<sup>2</sup>, Spectrum AM 1.5 and Cell Temperature of 25°C

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# SUPER SUN SOLAR

Rising Together

## ES PUMA Series



**POLY MODULE**  
36 / 48 Cell

**POWER OUTPUT RANGE**  
20-75Wp

**MAXIMUM EFFICIENCY**  
15%

Super Sun Solar is a first Solar PV Module manufacturer in North India which is using "Fully Automatic Complete Turnkey line from Mondragon Assembly, Europe".

- Extended wind and snow load tests  
Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 pascal).
- High module conversion efficiency  
module efficiency up to 15% achieved.
- Good temperature coefficient  
Enables higher output in high temperature regions
- IP67 Rated junction box  
IP67 junction box for long-term weather endurance.



### Reliability

- 100% EL tested to ensure micro crack free Modules
- Rigorous quality control meeting the highest International Standards
- **European 3 in 1 AAA Sun Simulator** from Endeas
- Hi Pot Inline Testing capability
- Robotic String Layup.

### Applications

- Utility Projects
- Rooftop residential, commercial and industrial roof top installations
- Off-grid Projects

## SMALL MODULES

MODEL TYPE	3S 20P36	3S 30P36	3S 40P36	3S50P36	3S60P36	3S 75P36
CELL TYPE	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL
MAXIMUM POWER ( P <sub>MAX</sub> ) WP	20	30	40	50	60	75
MAXIMUM POWER VOLTAGE ( V <sub>MP</sub> ) V	18.10	18.10	18.20	18.20	18.20	18.20
MAXIMUM POWER CURRENT ( I <sub>MP</sub> ) A	1.11	1.66	2.20	2.75	3.00	4.27
OPEN CIRCUIT VOLTAGE ( V <sub>OC</sub> ) V	21.98	22.00	22.20	22.30	24.20	22.20
SHORT CIRCUIT CURRENT ( I <sub>SC</sub> ) A	1.25	1.83	2.41	2.99	3.34	4.65
MODULE LENGTH	255	365	435	535	660	780
MODULE WIDTH	665	665	665	665	665	665
MODULE HEIGHT	25	25	25	25	25	25
MODULE EFFICIENCY ( > ) %	13.00	13.17	14.21	14.31	14.21	14.57

MODEL TYPE	3S 80P36	3S 100P36	3S 120P36	3S 155P36	3S 160P36
CELL TYPE	POLY-36 CELL	POLY-36 CELL	POLY-36 CELL		POLY-36 CELL
MAXIMUM POWER ( P <sub>MAX</sub> ) WP	80	100	120	155	160
MAXIMUM POWER VOLTAGE ( V <sub>MP</sub> ) V	18.20	18.30	18.30	18.50	18.80
MAXIMUM POWER CURRENT ( I <sub>MP</sub> ) A	4.40	5.46	6.14	8.51	8.60
OPEN CIRCUIT VOLTAGE ( V <sub>OC</sub> ) V	22.30	22.60	22.60	22.20	22.20
SHORT CIRCUIT CURRENT ( I <sub>SC</sub> ) A	4.72	5.86	6.54	9.28	9.25
MODULE LENGTH	780	1000	1250	1485	1485
MODULE WIDTH	665	665	665	665	665
MODULE HEIGHT	25	25	25	25	25
MODULE EFFICIENCY ( > ) %	14.39	14.69	14.69	15.63	15.63

### Temperature Ratings

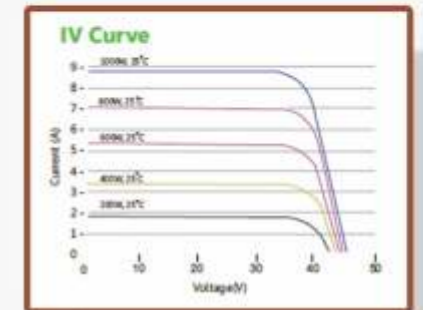
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TEMPERATURE COEFFICIENT OF V <sub>OC</sub>	-0.35%/°C
TEMPERATURE COEFFICIENT OF I <sub>SC</sub>	+0.06%/°C

### Mechanical Data & General Data

CELL ORIENTATION	9*4
FRONT GLASS	ARC, TEMPERED & LOW IRON GLASS, 3.2 MM
FRAME	ANODIZED ALUMINUM ALLOY

### Maximum Ratings

OPERATING TEMPERATURE	-40 TO 85°C
MAXIMUM SYSTEM VOLTAGE	600 V
MAXIMUM SERIES FUSE RATING	10 A
APPLICATION CLASSIFICATION	A
ELECTRICAL TOLERANCE	±3%
Under Standard Test Condition (STC) of Irradiance of 1000 w/m <sup>2</sup> , Spectrum AM 1.5 and Cell Temperature of 25°C	



**Works:** Khasra No.401, NH-24, Delhi Hapur Road, Near Shri Ram Hospital, Pilkhuwa-245304, Distt. Hapur, UP

**Phone No.:** + 91 (0)122 2323232  
+ 91 (0)122 2980298

**Mobile No.:** + 91 9105727273

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# Brochure Ends Partnership Continues

## SUPER SUN SOLAR LIMITED

### **MARKETING OFFICE:**

116/B, Ramte Ram Road, Ghaziabad-NCR,  
UP-201301.(India)

### **FACTORY ADDRESS:**

Khasra No.401, NH-24, Delhi-Hapur Road, Near Shri  
Ram Hospital, Pilkhuwa- NCR-245304, Distt. Hapur, UP, (India)

### **PHONES:**

+91 (0)122 2323232 / (0)122 2980298

### **MOBILE :**

+91-9105727273

### **EMAIL:**

contact@supersunsolar.in

### **WEBSITE:**

www.supersunsolar.in

