

**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**

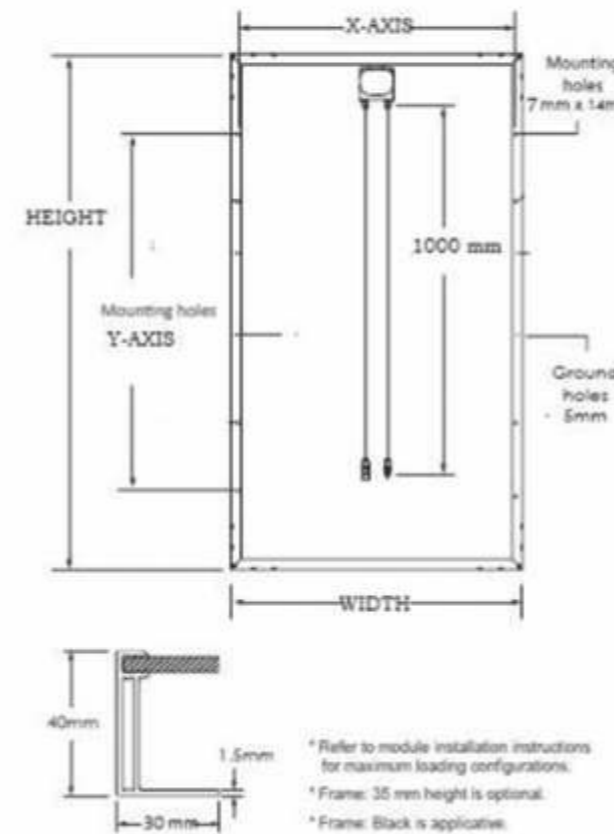
- 100% EL tested to ensure micro crack free Modules
- Rigorous quality control meeting the highest International Standards
- **European 3 in 1 AAA Sun Simulator** from Endeas
- Hi Pot Inline Testing capability
- Robotic String Layup.

**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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