

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 1P67 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 _{MAX}) WP	260	265	270	275	280
MAXIMUM POWER VOLTAGE (V _{MP}) V	30.80	31.00	31.20	31.40	31.60
MAXIMUM POWER CURRENT(I _{MP}) A	8.44	8.55	8.65	8.75	8.86
OPEN CIRCUIT VOLTAGE(V _{OC}) V	37.60	37.90	38.00	38.20	38.30
SHORT CIRCUIT CURRENT(I _{SC}) 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

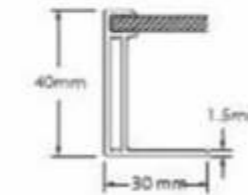
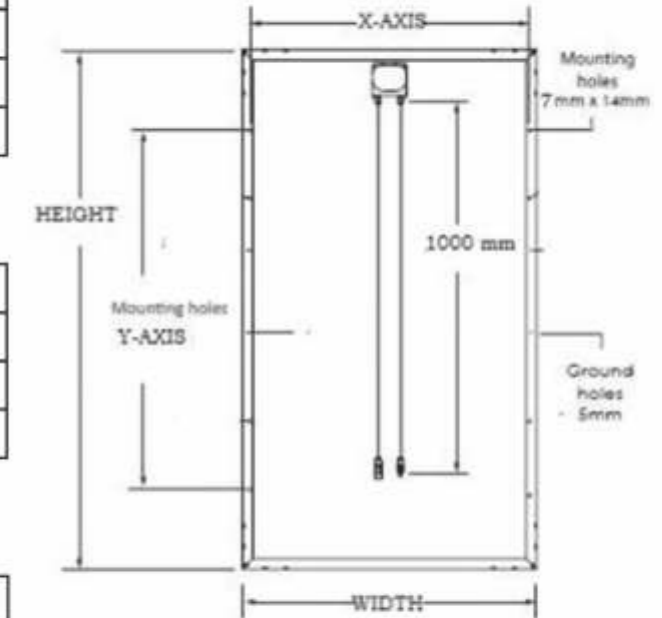
NOMINAL OPERATING CELL TEMPERATURE (NOCT)	45°C ± 2 °C
TEMPERATURE COEFFICIENT OF PMPP	-0.42%/°C
TEMPERATURE COEFFICIENT OF VOC	-0.35%/°C
TEMPERATURE COEFFICIENT OF ISC	+0.06%/°C

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/m², Spectrum AM 1.5 and Cell Temperature of 25°C

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