

S O L A R



S O L A R M O D U L E

Harvesting

THE POWER OF SUN

Lubi Solar is an Indian Manufacturer of Poly Crystalline Photovoltaic Solar Modules. It operates state of the art 150MW turnkey line capable of manufacturing highest quality solar panels. Our products meet stringent Global Standards with approval from IEC & ETL.

150MW

Manufacturing Line



- Lubi Solar is committed to generating growth by educating and promoting renewable source of energy to contribute towards Greener Planet
- Lubi Solar is committed to connecting more people to solar-powered services through a nationwide network of professional dealers
- We have the strongest team of engineers, technicians, sales support and shipping personnel in the solar industry, as well as the best-stocked warehouse
- We strive to provide our customers with excellent service, superior products and unmatched value

APPLICATION

- Megawatt Installation
 - Solar Farms : 1MW to 50MW
- Rooftop Installation
 - Manufacturing Unit
 - Commercial office
 - Housing / Domestic power packs
- Telecommunication
 - Cell Tower
- Emergency Backup
- Rural Power
- Solar Pump

Quality Certification



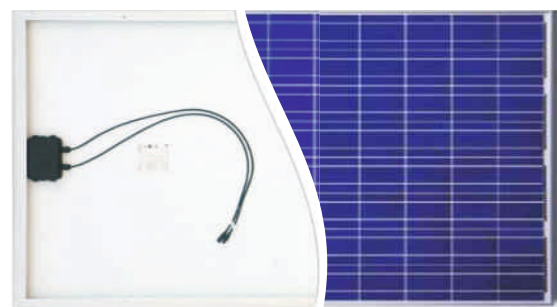
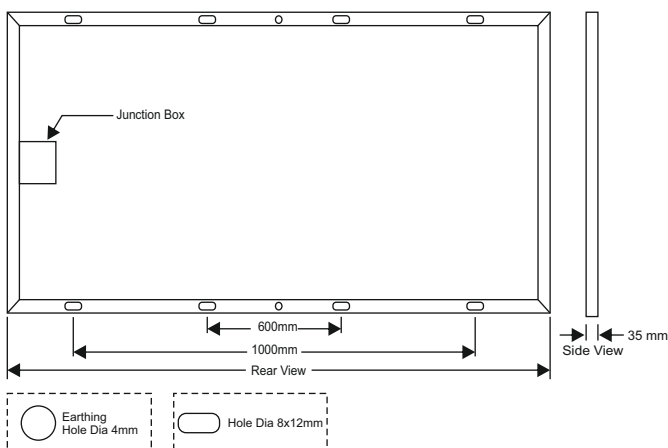
Intertek



SOLAR MODULE

POLY SPECIFICATION

Maxpower (W)	No. of Cell	Dimension (mm)	Cell Efficiency	Module Efficiency	Glass Size (mm)	Weight (kg)	Max Current (Imax) (A)	Max Voltage (Vmax) (V)	Short Circuit (Isc) Current(A)	Open Circuit (Voc) Voltage(V)
330W	72	1960 x 990 x 35	18.80%	16.89%	1955 x 985 x 3.2	21.50	8.92	37.21	9.38	46.25
325W	72	1960 x 990 x 35	18.65%	16.74%	1955 x 985 x 3.2	21.50	8.81	36.90	9.32	46.20
320W	72	1960 x 990 x 35	18.29%	16.49%	1955 X 985 X 3.2	21.50	8.72	36.70	9.23	46.00
315W	72	1960 x 990 x 35	18.00%	16.23%	1955 X 985 X 3.2	21.50	8.63	36.50	9.13	45.80
310W	72	1960 x 990 x 35	17.71%	15.97%	1955 X 985 X 3.2	21.50	8.54	36.30	9.04	45.60
275W	60	1640 x 990 x 35	18.60%	16.90%	1635 X 985 X 3.2	18.30	8.54	32.22	9.42	38.10
270W	60	1640 x 990 x 35	18.40%	16.60%	1635 X 985 X 3.2	18.30	8.40	32.16	9.27	38.04
265W	60	1640 x 990 x 35	18.12%	16.30%	1635 X 985 X 3.2	18.30	8.27	32.04	9.10	37.86
260W	60	1640 x 990 x 35	17.92%	15.70%	1635 X 985 X 3.2	18.30	8.18	31.80	9.07	37.74
225W	72	1386 x 991 x 35	17.50%	15.49%	1381 X 985 X 3.2	16.50	5.99	37.72	6.58	45.00
200W	72	1386 x 991 x 35	17.22%	14.71%	1381 X 985 X 3.2	15.50	5.38	37.36	5.91	45.00
180W	72	1386 x 991 x 35	17.22%	13.24%	1381 X 985 X 3.2	15.50	4.86	37.36	5.34	45.00
150W	36	1481 x 661 x 35	17.22%	15.53%	1475 X 655 X 3.2	11.50	8.07	18.68	8.87	22.50
100W	36/72	1091 x 661 x 30	17.22%	14.14%	1085 X 655 X 3.2	8.10	5.38	18.68	5.91	22.50
75W	36	806 x 661 x 30	17.01%	14.31%	800 X 655 X 3.2	6.20	4.06	18.57	4.46	22.50
60W	36	666 x 661 x 30	17.01%	13.88%	660 X 655 X 3.2	5.20	3.23	18.57	3.55	22.50
50W	36	576 x 661 x 30	17.01%	13.39%	570 X 655 X 3.2	4.60	2.70	18.57	2.97	22.50
40W	36	476 x 661 x 30	17.01%	12.99%	470 X 655 X 3.2	3.90	2.18	18.57	2.39	22.50
37W	36	476 x 661 x 30	17.01%	12.02%	470 X 655 X 3.2	3.90	2.03	18.57	2.23	22.50
30W	36	476 x 661 x 30	17.01%	9.75%	470 X 655 X 3.2	3.85	1.61	18.57	1.77	22.50
20W	36	486 x 351 x 17	17.01%	11.78%	480 x 345 x 3.2	2.00	1.2	18.57	1.32	22.50
10W	36	286 x 351 x 17	17.01%	10.03%	280 x 345 x 3.2	1.50	0.62	18.57	0.68	22.50
05W	36	295 x 190 x 17	17.01%	8.92%	291 x 186 x 3.2	0.80	0.31	18.57	0.34	22.50
05W	18	295 x 190 x 17	17.01%	8.92%	291 x 186 x 3.2	0.80	0.68	9.20	0.74	10.00



Mounting detail for 180 to 325 Wp Solar Module

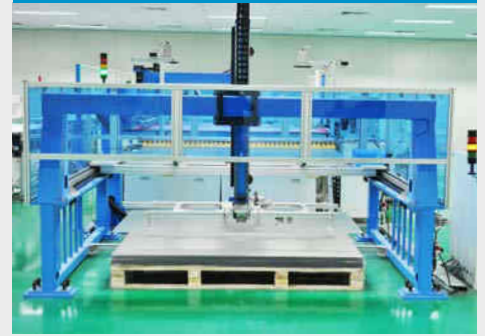
STRINGER WITH AUTO-LAYUP



AUTOMATIC DOUBLE STAGE LAMINATOR



AUTOMATIC GLASS LOADING



AUTOMATIC EVA & BACKSHEET LOADING



FULLY AUTOMATIC CONVEYER



AUTOMATIC SUN-SIMULATOR



MANUFACTURING FACILITY

150 MW Fully Automatic Line

- PV module range from 5 Wp to 325 Wp
- Facility spread over 80,000 sq ft area
- CB Report for IEC 61215, 61730 1-2
- ISO 9001-2015, ISO 14001 & OHSAS 18001 certified company
- MNRE & STQC Approval

QUALITY ASSURANCE

- High quality control standards
- High quality Component from International Supplier
- Enhanced reliability through use of distinctive encapsulant and back sheet
- PID free modules (85°C / 85RH for 288hrs)
- Optimized edge clearance for high quality rugged design
- 2x100 % Electroluminescence checking to ensure defect free modules.
- 100%In-line hi-pot testing (H.V+GB+IR)
- High FF for improved energy conversion efficiency
- Torsion and corrosion resistant with anodized aluminum frame
- Unique design of back-sheet for high resistance to moisture ingress

APPLICATION

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- Emergency Backup
- Rural Power
- Solar Pumping applications
- Telecommunication
 - Cell Tower
- On-grid large scale utility systems



Lubi Electronics

Sardar Patel Ring Road, Nr. Karai Gam Patia, Nana Chiloda, Dist. : Gandhinagar - 382 330. Gujarat, INDIA
 Tel. : +91-79-3984 5300 Fax : +91-79-3984 5599 E-mail : info@lubisolar.com / export@lubisolar.com
 Website : www.lubisolar.com

CAUTION : READ SAFETY AND INSTALLATION MANUAL BEFORE USING THE PRODUCT.
 Specifications included in this datasheet are subject to change without notice. Electrical data without guarantee. Please confirm your exact requirement with the company representative while placing your order.