



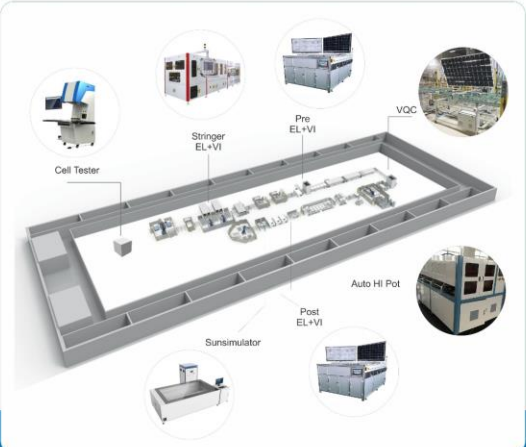
“ Committed to Sustainability ”




# Manufacturing Excellence

250 MW

## Solar PV Module Manufacturing Facilities At Morbi (Gujarat)



### Fully Automatic PV Module Manufacturing with 7 Stage Inline Testing Facilities

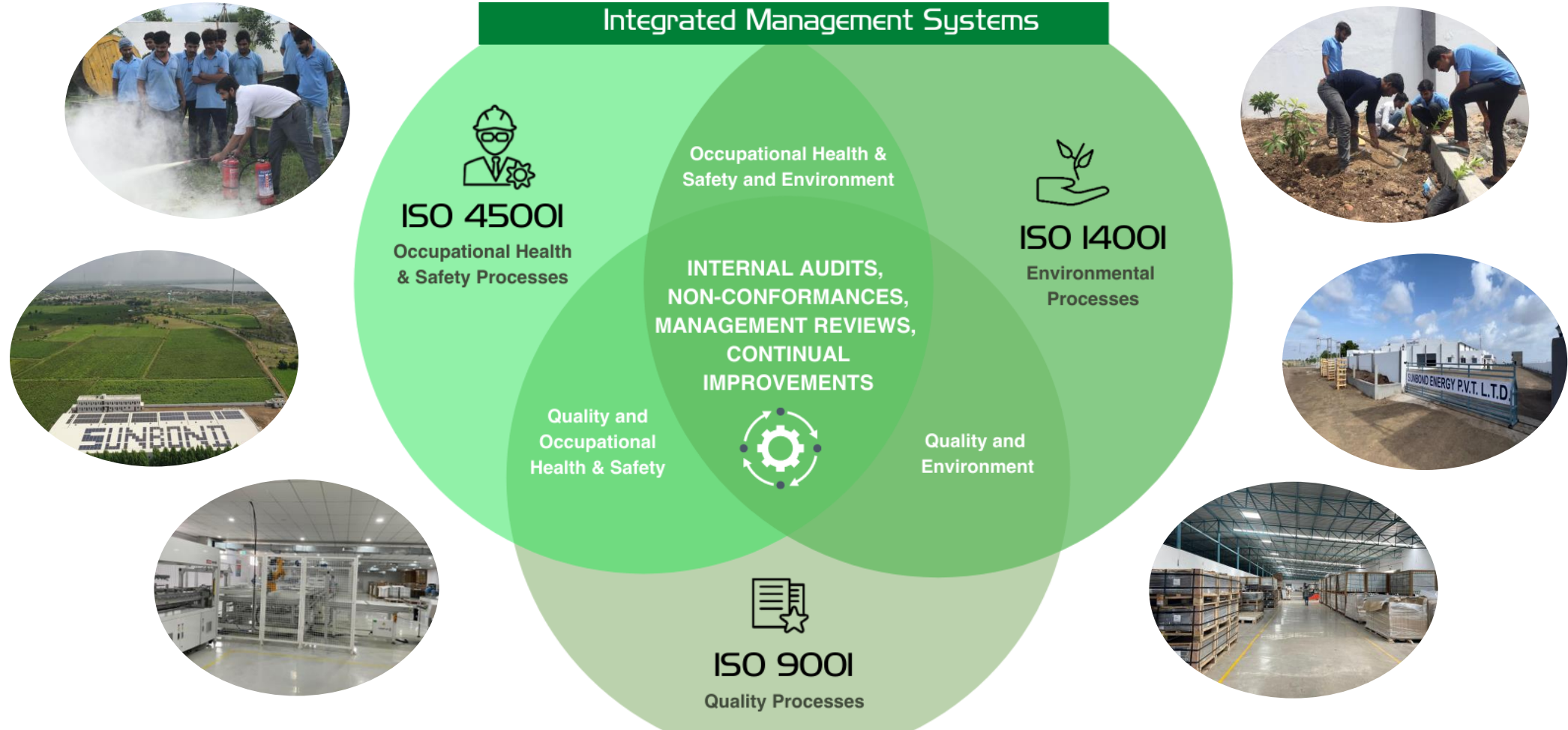


- SUNBOND ENERGY PVT LTD is ISO 9001, ISO 14001, ISO 45001 Certified 250 MW Fully Automatic State of art Manufacturing Company.
- SUNBOND ENERGY PVT LTD Manufacturing Top Quality High Efficiency Solar PV Module with 250 MW Fully Automatic State of art Manufacturing Facility.
- Expansion of 500MW Manufacturing Facility with TOP Con Technology Within 2024.



# TUV Nord Certified ISO Solar PV Module Manufacturing Facility

(As per German Standard)





### Vision

To Grow as the World's Best Quality,  
High-efficiency Solar PV module  
Manufacturing Company



### Mission

To Provide Affordable and Sustainable  
Solar Energy with High-tech Solutions  
to the world.



### Core Value

- **Commitment**—We have a very experienced team for better service and quality products.
- **Sustainability**—We give you the best product for the long-term period with our high-durability system

# SUNBOND ENERGY Group of Companies

Since 2008

**Active**  
CERAMIC PVT. LTD.

Mfg. Vitrified  
Body Heavy  
Duty Parking Tile

Since 2013

**ACUTE**  
CERAMIC

Mfg. Ceramic  
Wall Tiles

Since 2017

**Admin**  
Mfg. Vitrified  
Tiles

Since 2021

**SUNBOND**  
Energy Pvt. Ltd.

Mfg. High  
Efficiency Solar PV  
Module

Since 2022

**Alive**  
GRANITO

Mfg. Vitrified  
Tiles Slab  
Format

## Our Group Worldwide Presence



INDIA	UAE	NEPAL	KENYA
USA	FRANCE	SRI LANKA	TANZANIA
MAXICO	UK	CANADA	AUSTRALIA
BRAZIL	SWEDEN	SOUTH AFRICA	ARGENTINA



# Highly Accurate State of art Manufacturing Facility



Auto Glass Loader



Stringer CCD checking  
Each Cells



Infrared Heating  
(PID Control)



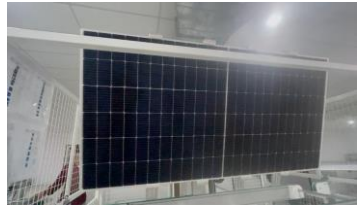
Stringer Inbuilt EL  
+ VI Test



Robotic Lay Up



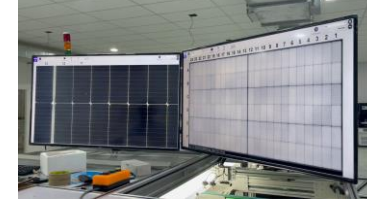
Uniformly RTV  
Filling



VQC Inspection



Double stage  
Laminator



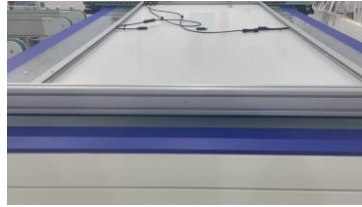
PRE EL + VI  
Inspection



Auto Bussing for  
Interconnection



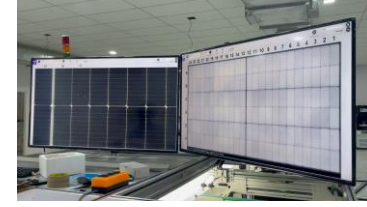
Auto Framing



Sun Simulator  
Test



Auto Hi pot Test



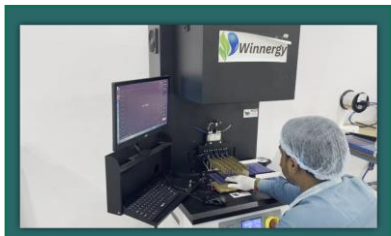
Final EL + VI  
Inspection



FG Packing



# High Eff. Material Proceeding with Our QC



Solar Cell Tester



Aluminium Frame  
Anodizing Test



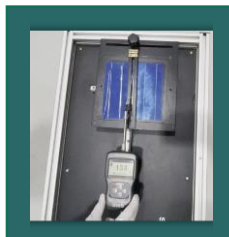
Every Solar cell CCD  
Checking



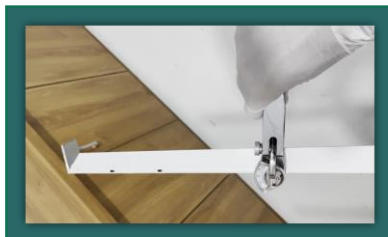
VQC Inspection



Final EL + VI Testing



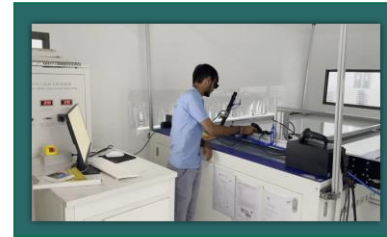
Solar cell Peel test



Aluminium Frame  
Metal Hardness Test



Inbuilt Stringer EL + VI  
Testing Facility



Sun Simulator Testing



EVA Gel Content test



Backsheet to EVA & EVA to  
Glass Adhesive Test



Pre EL + VI

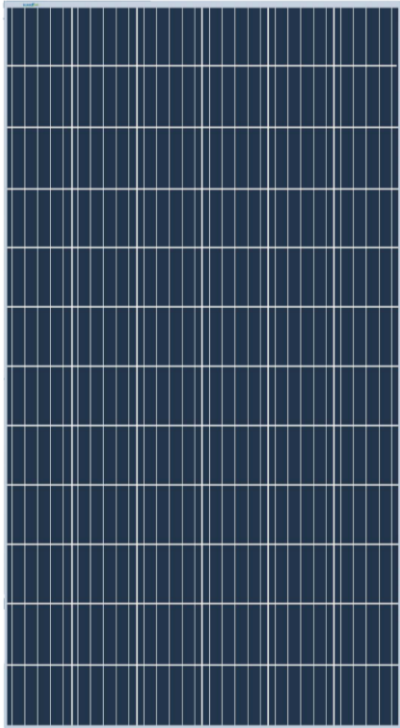


Auto Hi pot Testing



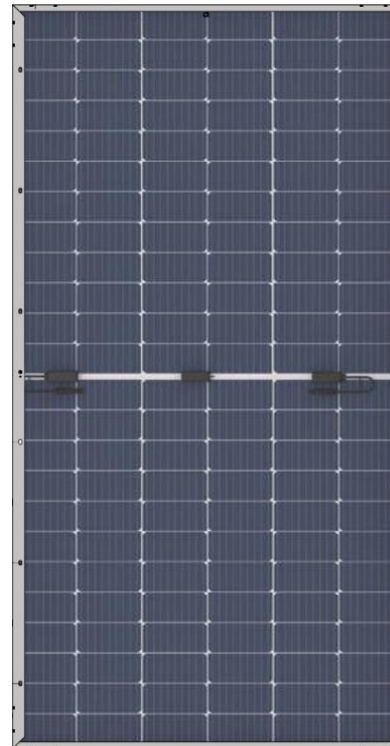
# Our Products







## ATLANTIC - Poly Crystalline Solar PV Module SEPL340P



- Upto 340Wp Module
- Module Efficiency up to 17.26%
- 100% EL + VI testing with 3 stages
- 5BB 72 Cell

## PACIFIC – SEPL M10 – 550 Mono and Bifacial



-  High Efficiency Mono PERC M10 Cells
-  Module Utilizing Halfcut cell for Optimum Performance
-  Highest Commercial Gains, Lower LCOE
-  Best in Class Thermal Co-efficient
-  Increase Shade Tolerance
-  Split Junction Box Improve Heat Dissipation

### Product Certification/Approval



IEC 61215  
IEC 61730 - I  
IEC 61730 - II



BIS R-72005762



Third Party Inspection  
Agency, UK



IEC 61701 SALT MIST  
IEC 60068  
IEC 62804 PID



Mitsui Chemicals





# N-Type TOPCon Bifacial Module upto 600W

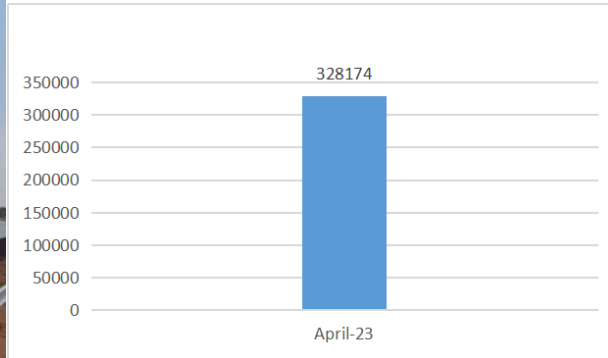
UPCOMING



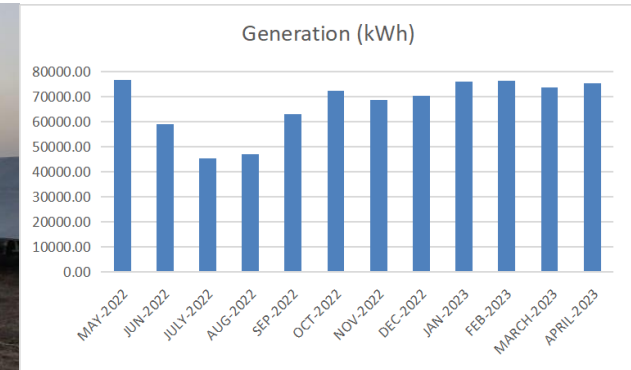
- ❑ Module power up to 600W
- ❑ Module efficiency up to 24%
- ❑ 16BB cell technology, better light trapping and current collection, higher power output
- ❑ No boron-oxygen LID and anti PID, less degradation
- ❑ Low temperature coefficient (Pmax):  $-0.29\%/^{\circ}\text{C}$ , more energy in hot climate
- ❑ About 2.3% lower LCOE than PERC
- ❑ Minimize the micro-crack impacts to module



# Our Utility Scale Projects



**1.8 MW Sharma Solar Plant** Himmatnagar, Gujarat, India.



**488 KW Satyam Solar Park** Toda, Kalavad, Jamnagar, Gujarat, India



**2.4MW Radhanpur solar Plant**

Thara, Radhanpur, Gujarat, India.

## Upcoming

4.5 MW Ground Mounted with 545Wp Bifacial

1.5 MW Ground Mounted with 335Wp Poly Crystalline

1 MW Ground Mounted with 335Wp Poly Crystalline



# Our Industrial/Commercial Rooftops Projects



Sunlovis Pharmaceutical LLP - 105.3KW



300KW, Rajkot



G P Timber– 100KW, Kutch



Kamal Timber – 250KW



Konark Overseas– 100KW

## Upcoming

**900KW** 545W Mono PERC Half cut

**500KW** 540W Mono PERC Half cut

**300KW** 540W Mono PERC Half cut



# SUNBOND's Residential Projects Supply



**Sunbond Energy has More than  
4000+ Projects Supplies with  
Strong Distribution Channel**



# Exhibitions & Events



Inter Solar Gandhinagar  
Dec-2021



REI Greater Noida  
Sept-2022



Inter Solar Gandhinagar  
Dec-2022



MASMA Expo Pune  
July-2023

Renew X Hyderabad  
June-2022



Surat Technical Seminar  
Sept-2022

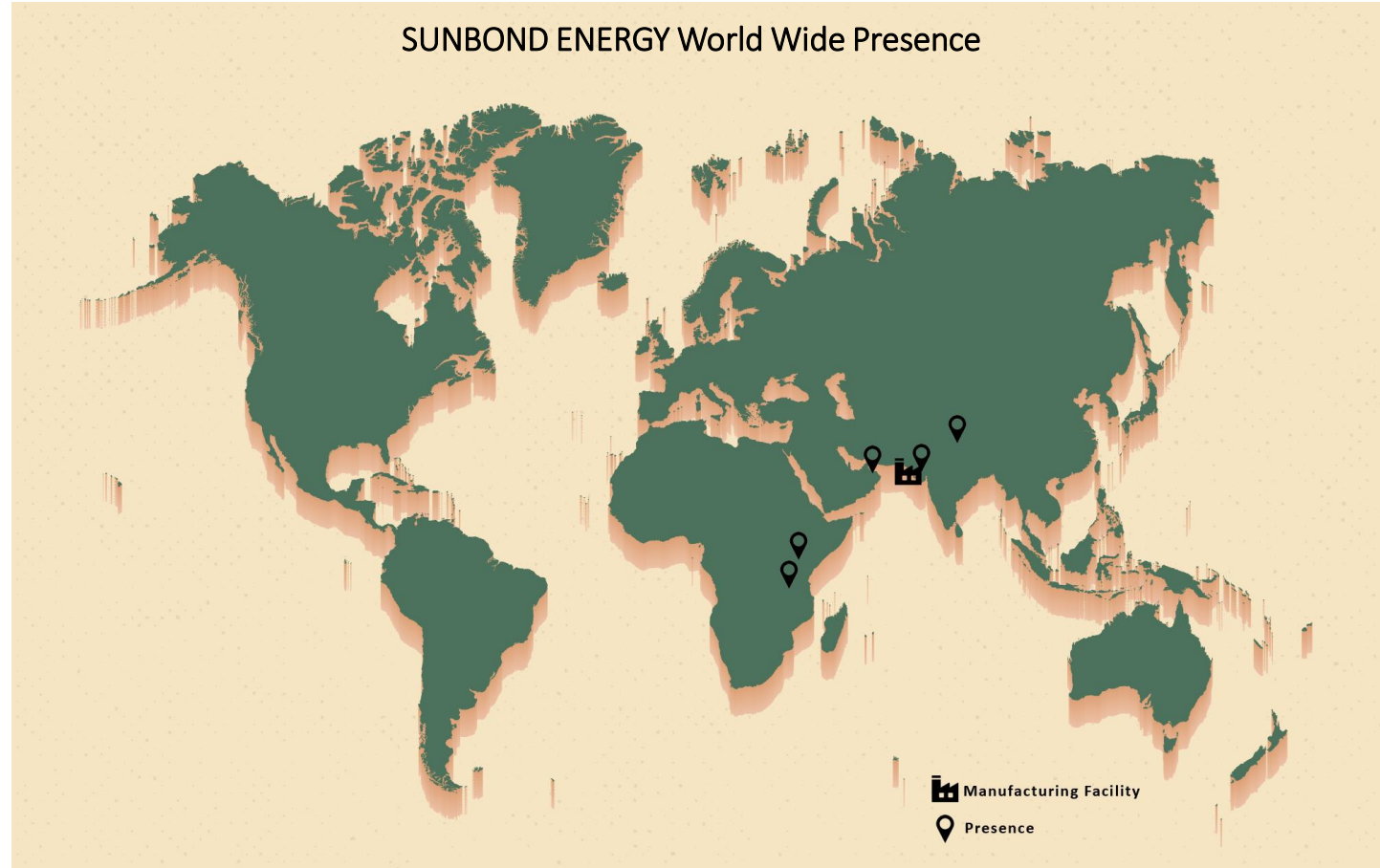


Power & Energy Africa  
Kenya May-2023

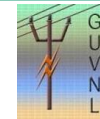


Divya Bhaskar Expo  
Ahmedabad July-2023





## Our Key Customer





## SUNBOND ENERGY PVT LTD

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Mitana, Morbi, Gujarat-363650, India.

+919558583375

[sales@sunbondenergy.com](mailto:sales@sunbondenergy.com)

[www.sunbondenergy.com](http://www.sunbondenergy.com)