

Sunlight to Sustainability



onix
SOLAR ENERGY LTD.



COMPANY PROFILE

COMPANY PROFILE

Onix Solar Energy Limited is a renewable energy company focused on solar cell manufacturing, solar module manufacturing, and Independent Power Producer (IPP) project development. Originally incorporated in 1980 and rebranded in 2025, the company represents the evolution of the Onix Group's long-term commitment to clean energy and sustainable growth.

The company operates 1200 MW solar cell and 1200 MW solar module manufacturing lines, specializing in high-efficiency N-Type TOPCon and P-Type solar modules with power outputs ranging from 530 WP to 640 WP. Alongside manufacturing, Onix Solar Energy Limited is developing 1,959 MW of solar projects across Maharashtra under the MSKVY 2.0 (PM-KUSUM) scheme and aligns with the Onix Group's vision of achieving 10 GW of renewable energy capacity by 2030.



1200 MW

BUILT ON PURPOSE

VISION



To lead the transition to clean energy by delivering reliable, innovative, and sustainable solar solutions.

MISSION



To manufacture high-quality solar cells and modules and accelerate solar adoption through efficient, scalable, and future-ready projects.

CORE VALUE



- ✓ Sustainability First
- ✓ Quality & Excellence
- ✓ Innovation & Technology
- ✓ Integrity & Transparency
- ✓ Customer-Centric Approach
- ✓ Nation-Building Commitment

EVOLUTION & TRANSITION

1

Started as a Solar Module Trading Company

Built strong market presence through reliable sourcing, quality assurance, and customer- focused supply solutions.

2

Transitioned to End-to-End Manufacturing

Established in-house solar cell and module manufacturing to ensure quality control, scalability, and cost efficiency.

3

Expanded into IPP Solar Project Development

Entered utility-scale and distributed solar projects, delivering long-term clean power through owned and operated assets.

4

Aligned with India's Clean Energy Mission

Supporting national renewable energy goals by accelerating solar adoption and contributing to a sustainable energy future.



MANUFACTURING FACILITY

1200 MW

Solar Cell Manufacturing



1200 MW

Solar Module Manufacturing



Advanced

Automation & Quality Control



Global

Performance Standards



SOLAR CELL MANUFACTURING

We manufacture high-efficiency N-Type TOPCon solar cells engineered to deliver superior performance and long-term reliability. Built with advanced cell architecture and stringent quality control, our cells are optimized for today's high-demand energy applications.



High efficiency N-Type TOPCon technology for enhanced energy yield



Optimized power output ensuring maximum performance per module



Low degradation rates for consistent, long-term generation

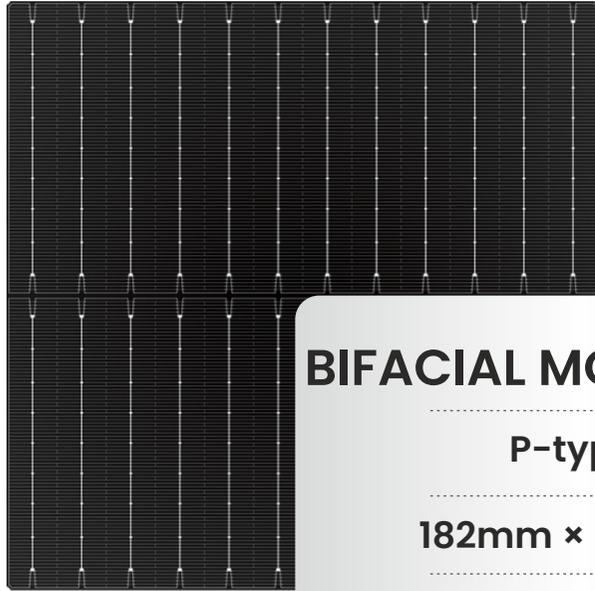


High reliability under diverse operating conditions



Ideal for utility-scale and commercial installations

SOLAR CELL RANGE



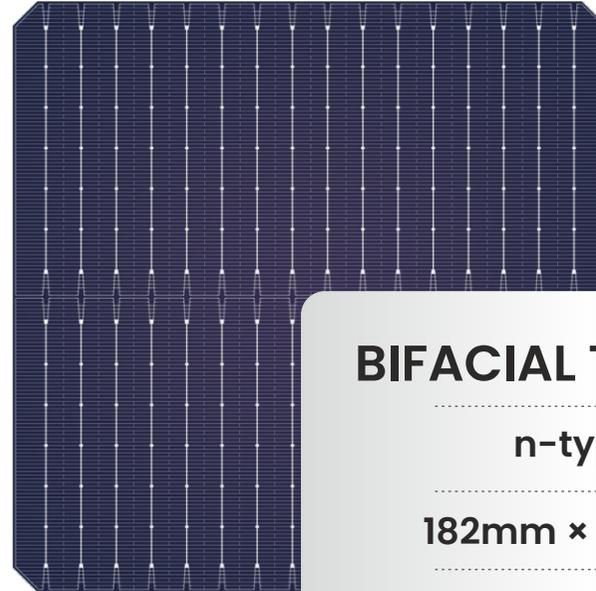
BIFACIAL MONO PERC

P-type

182mm × 182mm

150µm
Thickness

23.8%
Maximum Efficiency



BIFACIAL TOPCON

n-type

182mm × 182mm

130µm
Thickness

25.0%
Maximum Efficiency

SOLAR MODULE MANUFACTURING



12 Years Product Warranty
On Materials And Workmanship*



30 Years Warranty for
Linear Performance*



Extra Power/High Saving



Extra Life With Up to 30% Additional Power



Double-Sided Power Generation



Excellent anti-LeTID & anti-PID performance



AR Coated Glass For Enhanced Power



Lower temperature coefficient



Lower LCOE & system cost

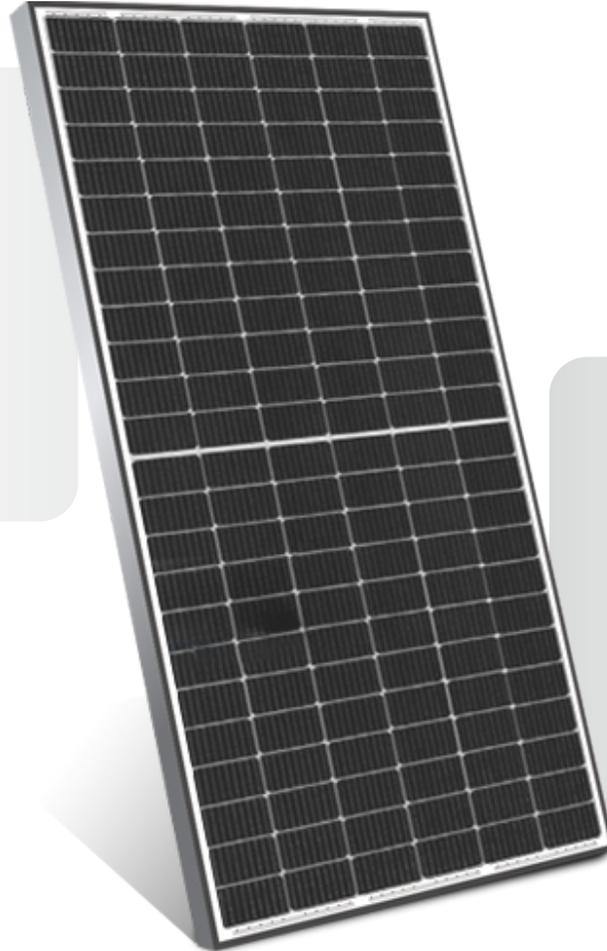


SOLAR MODULE RANGE

TOPCON BIFACIAL

144 / 132 CELL

570-670 Wp
Power Output Range



MONO PERC BIFACIAL

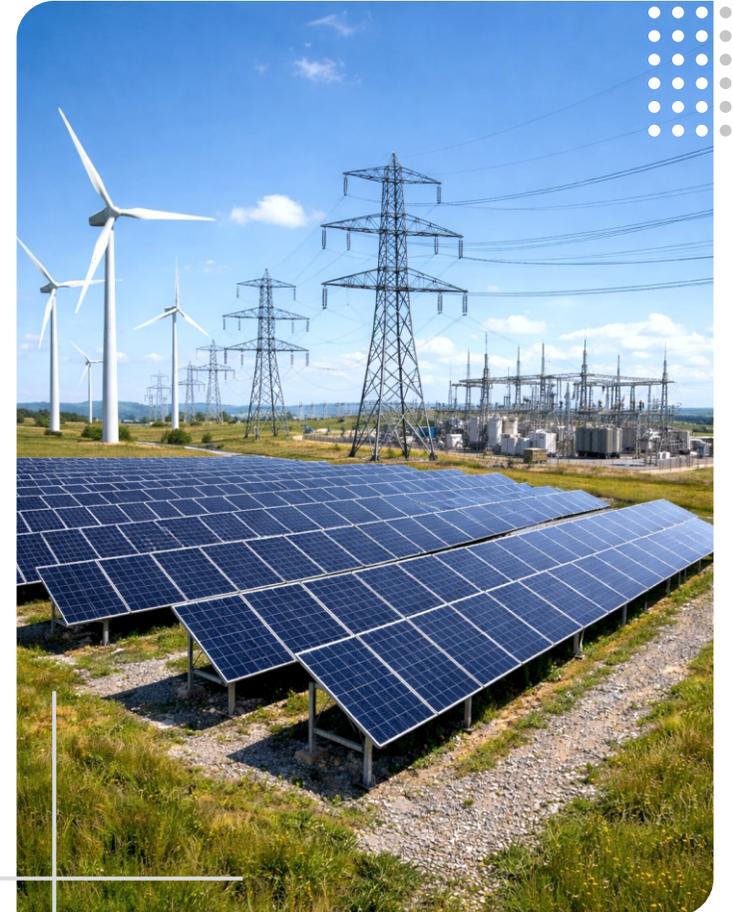
144 CELL

530-560 Wp
Power Output Range

IPP PROJECTS

A Independent Power Producers (IPP) develops, owns, and operates solar power plants and supplies electricity directly to utilities, corporations, or large consumers through long-term agreements. Instead of generating power for self-use, Solar IPPs focus on producing renewable energy at scale and delivering it reliably to the grid or end users.

- ✓ Long-term PPAs
- ✓ Fixed power tariffs
- ✓ Utility-scale capacity
- ✓ Grid-connected supply
- ✓ Asset ownership model
- ✓ Private capital deployment
- ✓ SCADA-based monitoring
- ✓ Low O&M intensity
- ✓ Carbon offset creation
- ✓ Bankable project structure



LONG-TERM VISION & TARGETS



STRONG FOCUS
on Manufacturing
Scale-up



COMMITMENT
to Sustainability
& Innovation

TARGET - 10 GW
Renewable Energy
by 2030



EXPANDING
IPP Project
Portfolio







GET IN TOUCH

Registered Office

A-204, 2nd Floor, Rustomjee Central Park, Andheri-Kurla Road, Chakala, Nr. Fuda Cancer Hospital, Andheri East, Mumbai, Maharashtra, India - 400093.

CALL US : +91-63581 28991

email : onixsolarenergylimited@gmail.com

web : www.onixsolarenergy.com