



MANUFACTURING INDIA'S ENERGY FUTURE



6.4 GW MODULE



6.5 GW* CELL



6.5 GW# INGOT & WAFER



*4GW TOPCon cell manufacturing coming up by September 2026 | #Upcoming wafer ingot plant in Vizag

About ReNew

ReNew is a leading decarbonisation solutions company listed on Nasdaq (RNW, RNWW), with a **20 GW** clean energy portfolio (including **1.7 GW BESS**) as of March 31, 2026, making it one of the world's largest clean energy companies. Beyond renewable power generation, ReNew delivers integrated solutions across clean energy, digital energy services, storage and carbon markets.

ReNew operates manufacturing facilities in **Jaipur, Rajasthan**, and **Dholera, Gujarat**, with a total module capacity of **6.4 GW** and a cell capacity of **6.5 GW**. The company is further expanding its manufacturing ecosystem with an upcoming **6.5 GW** wafer and ingot facility in Visakhapatnam, Andhra Pradesh. With this expansion ReNew's manufacturing arm will create value across the supply chain.

- 1** **4 GW** module manufacturing facility under one roof in Rajasthan
- 2** **2.4 GW** module manufacturing facility in Dholera, Gujarat
- 3** **2.5 GW** cell manufacturing facility in Dholera, Gujarat
- 4** **4 GW** TOPCon cell manufacturing facility (Upcoming) in Dholera, Gujarat
- 5** Upcoming **6.5 GW** Wafer and Ingot manufacturing facility in Vizag
- 6** Largest manufacturing facility in Rajasthan, powered by a **7.2 MW** rooftop solar system
- 7** **9.3+ GW** Cells and Modules dispatched till June 2026

Driving solar innovation through world-class manufacturing facilities

Awards and Certifications

GLOBAL RECOGNITIONS & MANUFACTURING EXCELLENCE



Energy Transition Changemaker award by the **COP28 Presidency** for developing and deploying India's first round-the-clock power pwrject



Global Lighthouse by the **World Economic Forum** twice for advancing Fourth Industrial Revolution (4IR) technologies at scale and achieving greater impact on the ground.



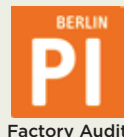
One of the largest **LEED Gold certified** module manufacturing facilities in India



Our in-house PV Module Test Lab has earned **NABL accreditation** under ISO/IEC 17025:2017

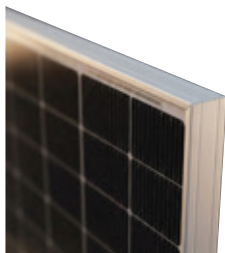


Jaipur Module Facility honoured with the British Safety Council's **5-Star Rating & Sword of Honour**



Product Offerings

SOLAR MODULES

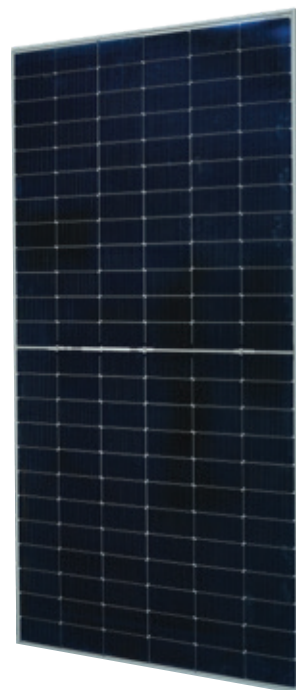


G12R TOPCon BIFACIAL MODULE

Range Upto
640Wp

Efficiency upto
23.69%

Right. Reliable. Ready.



**Right
Geometry**



**Ready
to Scale**



**Upto 23.69%
Efficiency**



**Bifaciality
Factor**



**N-type
TOPCon**

Ideal applications of G12R TOPCon modules

- ✓ Utility-scale solar power plants
- ✓ High capacity commercial and industrial installation
- ✓ High power requirement residential units



SMARTER
**RECTANGULAR CELL
DESIGN** MAXIMIZES
ACTIVE AREA FOR
HIGHER POWER

**DCR
Modules
Available**

M10R 144 BIFACIAL GLASS TO GLASS MODULE

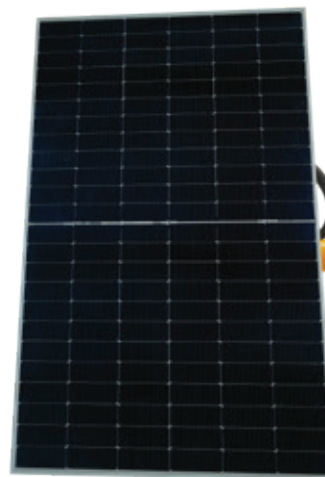
PERC

Range Upto
560Wp

Efficiency upto
21.68%

Ideal applications of M10 modules

- ✓ Ideal for projects seeking proven performance
- ✓ Well-suited for Indian climate conditions
- ✓ Reliable power generation with long-term durability
- ✓ Widely adopted for residential, commercial, and utility-scale installations



ReNew Modules - Engineered for Performance



**30-year power
warranty**



**Withstands high
wind and snow loads**



**Excellent temperature
performance**

■ Daily production of over 23000 solar panels ■ Daily production of over 6.5 lakh cells

Product Offerings

SOLAR CELLS

M10R PERC P-TYPE CELL

High conversion efficiency



High Conversion Efficiency: Advanced PERC (Passivated Emitter and Rear Cell) technology enhances light absorption and boosts overall cell efficiency.



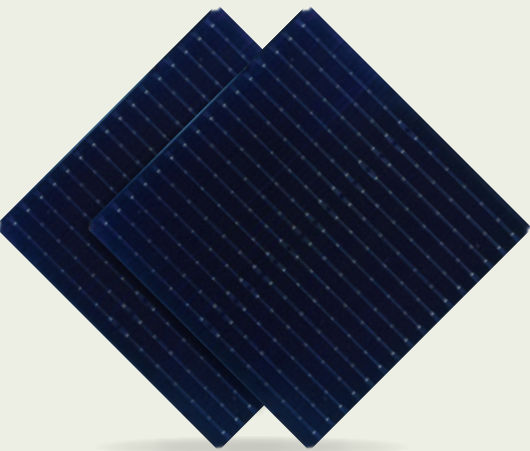
M10R Rectangular Format: Optimized cell geometry increases module packing density and raises power output in high-power module designs.



Strong Reliability: Enhanced resistance to micro-cracks, PID, and LeTID ensures long-term durability and consistent performance.



Uniform Appearance: High-precision cell processing provides consistent color and aesthetic uniformity for premium module quality.



ReNew Cells - Precision at the Core



Standard Test Conditions (STC)

Light Intensity: Standard Intensity 1000W/m²;
Spectrum: AM 1.5G Spectrum; Temperature: 25°C.



Visual Quality Inspections

Viewed from a distance of 50cm away from the naked eye; Cells defined by color and/or other potential defects are sorted by an inspection machine.



Cell Grades

High efficiency Bifacial PERC Cells manufactured.



Powering Solar Across India

A FEW OF OUR RECENT PROJECTS

LARGE SCALE PROJECTS



1000 MWp

Developer - ReNew
Offtaker - Solar Energy Corporation of India
Location - Rajasthan



80 MWp

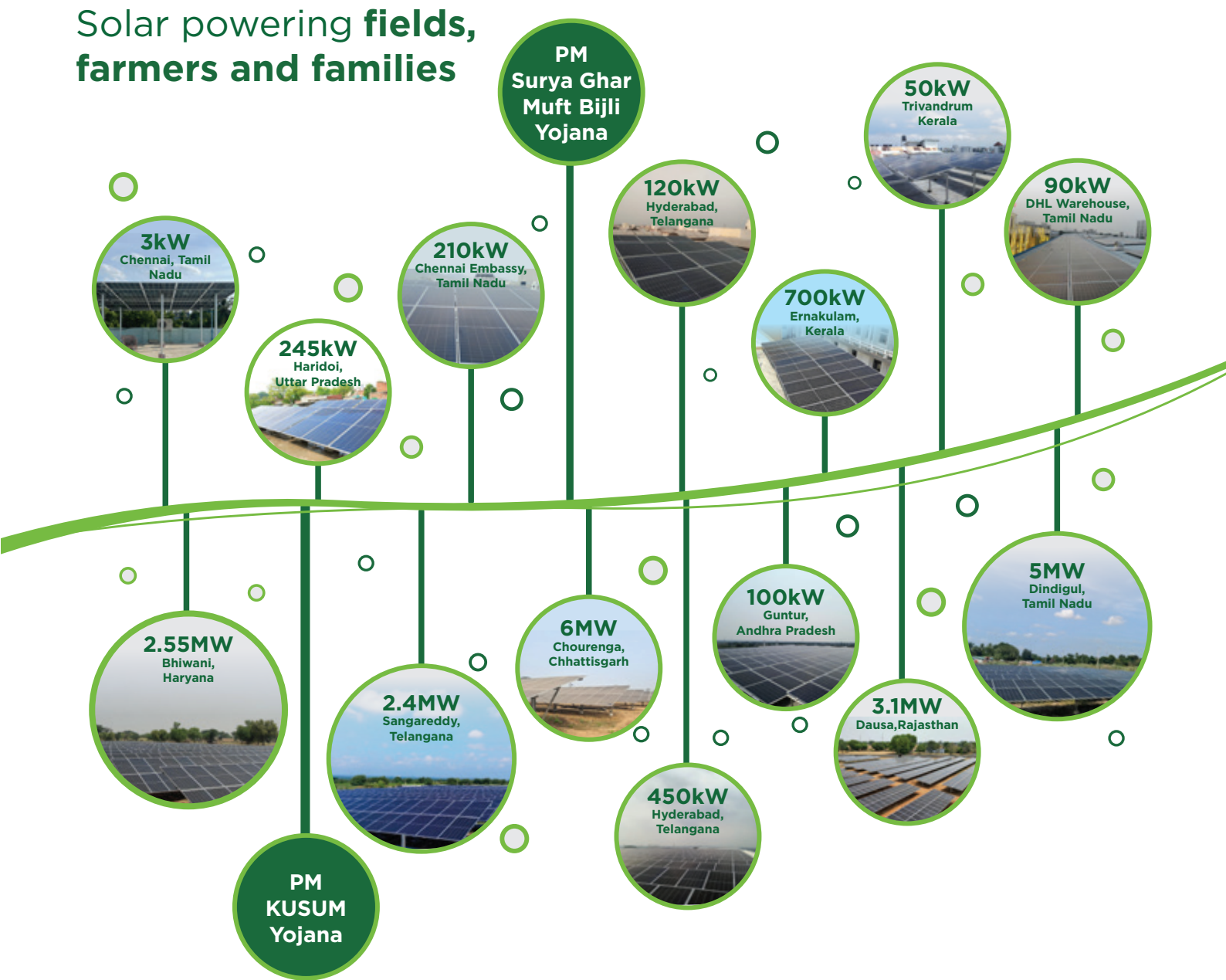
Developer - ReNew
Offtaker - Solar Energy Corporation of India
Location - Rajasthan



40 MWp

Developer - ReNew
Offtaker - Amazon
Location - Rajasthan

Solar powering **fields, farmers and families**



Our Valued Customers

Powering businesses across sectors

Modules



Cells



Pan India Distribution Network



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For any inquiries or queries about ReNew solar panels, call **9220 440 044**