



ReNew

SOLAR MANUFACTURING

RELIABLE
PRODUCTS.
SUSTAINABLE
PRACTICES.

6.4 GW
Module
Manufacturing

2.5 GW
Cell
Manufacturing

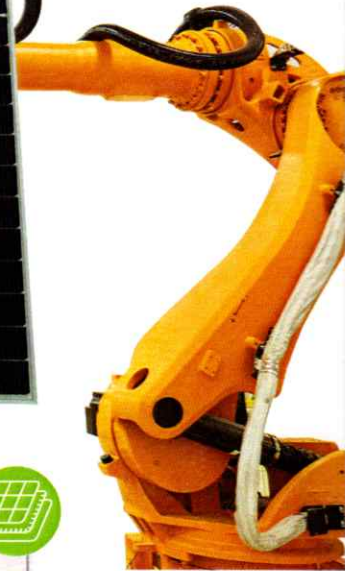
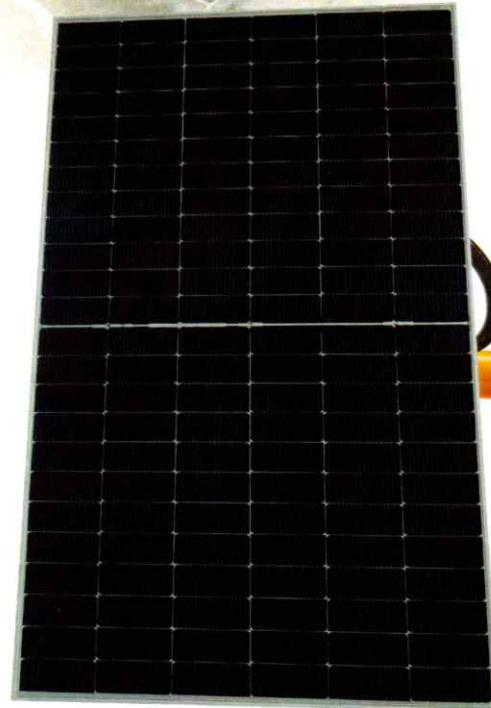


About Us

ReNew is the leading decarbonization solutions company listed on Nasdaq (RNW, RNWWW) with a clean energy portfolio of ~17.4 GWs* (one of the largest globally). We are also one of the leading solar PV manufacturers and a major independent power producer in India. Backed by prominent investors including the Canadian Pension Plan Investment Board and the Abu Dhabi Investment Authority, we deliver reliable, high-quality products and services to our customers. In addition to being a major independent power producer we also provide end-to-end solutions in a just and inclusive manner in the areas of clean energy that increasingly are integral to addressing climate change.

ReNew operates manufacturing facilities in Jaipur, Rajasthan, and Dholera, Gujarat, totalling 6.4 GW of module capacity and 2.5 GW of cell capacity. Our LEED-certified 4 GW solar module plant in Jaipur, with best-in-class manufacturing equipment and processes, is powered by a 7.2 MW rooftop solar system. Our integrated solar module and cell plant in Dholera also leverages innovative technology to drive cost efficiencies and performance.

ReNew has been awarded for its innovation and leadership in the sector. The company was presented with the 'Energy Transition Changemaker' award by the COP28 Presidency for developing and deploying India's first round-the-clock power project. ReNew has also been recognized as a Global Lighthouse by the World Economic Forum twice for advancing Fourth Industrial Revolution (4IR) technologies at scale and achieving greater impact on the ground.



1 6.4 GW module manufacturing capacity



2 2.5 GW cell manufacturing capacity



3 ~2 GW solar modules produced and shipped



4 TOPCon and PERC modules



5 Green facility with 7.2 MWp solar rooftop system



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

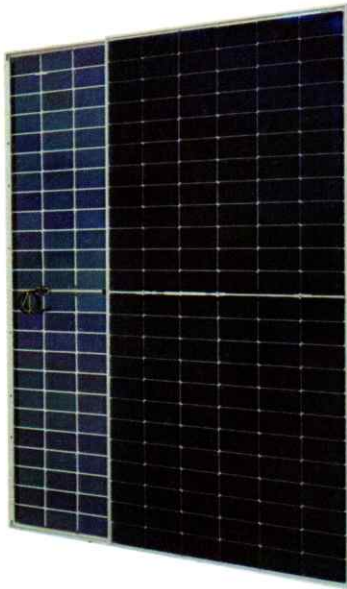


Product Offerings

SOLAR MODULES

M10 Cells | N-Type TOPCon

Efficient & Powerful


UPTO 80%
BIFACIALITY
FACTOR

1% 1ST YEAR
DEGRADATION

0
ZERO LID

Warranty


30
YEARS
POWER
WARRANTY

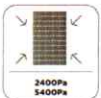
12
YEARS
PRODUCT
WARRANTY FOR
ALL MODULES

Maximum Power Output
Maximum Efficiency

Bifacial
590 W
22.84%


Continuous efficiency improvement

Multi busbars to minimize micro-crack impacts/PERC/TOPCon/Half cut/Smart Soldering.



Heavy snow, hail, wind-load resistant

Enhanced mechanical load up to 5400 Pascals of snow load and up to 2400 Pascals of wind load.

M10 Cells | Mono PERC

Tough & Dependable


DCR
Modules
Available

UPTO 70%
BIFACIALITY
FACTOR

Warranty


POWER WARRANTY
FOR BIFACIAL
MODULES

12
YEARS
PRODUCT
WARRANTY FOR
ALL MODULES

Maximum Power Output
Maximum Efficiency

Monofacial Bifacial
550 W 560 W
21.29% 21.68%


Reliable modules with longer lifespan

Hotspot resistant, micro-cracking resistant, less damage due to weather stress; 0.55% linear degradation over 25 years for mono facial modules and 0.45% linear degradation over 30 years for bifacial PERC modules.



Excellent low light performance

More power output in weak light conditions (early morning/sunset/cloudy); ground mount projects in all geographies and climates.

SOLAR CELLS

M10 PERC CELL | P-TYPE

High conversion efficiency



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.

System Certifications and Audits

- ISO 9001:2015: Quality Management system
- ISO 14001:2015: Environment Management system
- ISO 45001:2018: Occupational health and safety.



Our Recent **Projects**



80 MWp Bifacial 540 Wp
Mono PERC Modules

Developer - ReNew

Offtaker - Solar Energy Corporation of India

Location - Rajasthan



40 MWp Monofacial 600 Wp
Mono PERC Modules

Developer - ReNew

Offtaker - Amazon

Location - Rajasthan



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