

RenewSys Announces the Launch of N-Type TOPCon PV Module Series

Mumbai, India, September 2023 — RenewSys, the first integrated manufacturer of PV modules, announces the launch of the high-efficiency, high-performance **N-Type TOPCon PV Module** series. With this launch, RenewSys has once again emerged as a leader in the adoption of new technology and as the frontrunner in the Indian module manufacturing landscape.

N-type TOPCon modules are the next generation of solar PV technology. This is because of **an extremely low degradation rate, high output, and unmatched performance.**

These modules have a **higher energy yield** due to their **lower temperature coefficient.** They are also the **best in the industry in terms of cost savings** in BOS (balance of system) and LCOE (levelized cost of energy) compared to PERC and HJT modules.

RenewSys' TOPCon modules have power outputs ranging from **420 W to 650 W*** (see module configurations and sizes in the table below), with efficiencies ranging from **21.44% to 23.30%** and a bifaciality rate of up to **85%.**

Mr. Avinash Hiranandani, GCEO & Managing Director of RenewSys India Pvt. Ltd., says, "RenewSys is unwavering in its commitment to delivering the highest-quality PV products in the Indian market.

"We have consistently honored our commercial commitments and delivered unmatched quality and reliability, on par with global standards, to our discerning customers.

"We express our gratitude to our loyal partners and customers for their continued support, which enables us to serve them better. RenewSys is presently in the process of doubling its capacity to better meet the demands of the rapidly growing PV market."

RenewSys' N-type TOPCon modules will be **commercially available from November 2023.**

To meet the evolving industry requirements, we have developed a diversified range of TOPCon modules available in various configurations and sizes, as listed below:

*Module configurations:

- Bifacial **Glass-Glass**
- Bifacial **Glass-Transparent Backsheet** (Features RenewSys' **Award-Winning Transparent Backsheet**)

Sizes and Output:

- 108X: **420 W – 450 W**
- 120X: **465 W – 500 W**
- 144X: **560 W – 600 W**
- 156X: **605 W – 650 W**

- **Monofacial Glass-Backsheet**

The launch event will take place at **12:00 p.m.** on **October 4, 2023**, at RenewSys' stall (**Booth No. 7.107, Hall No. 7**) at the REI Expo in Greater Noida, India.

About Us: RenewSys is the **first integrated manufacturer** of Solar PV Modules (2.75 GW) and its key components – Encapsulants (4 GW), Backsheets (4 GW), and PV Cells (130 MW).

Headquartered in Mumbai, RenewSys is the 'Renewable Energy' arm of the ENPEE Group, an international conglomerate established in 1961, with a heritage of manufacturing excellence. The Group has offices and distributors/agents in India, Mauritius, Nigeria, South Africa, Singapore, UAE, and representative offices in the USA, Mexico, Brazil, and countries across Europe. Read more at www.enpee.com.

RenewSys Bengaluru, with its team of polymer experts and world-class European machinery, has produced and supplied over 22 GW of Encapsulants and Backsheets worldwide. It has to its credit innovations like India's first transparent Backsheet, UL-certified POE, and India's only Backsheet patent, among others. This award-winning facility also houses an independently run, one-of-a-kind NABL-accredited Encapsulant and Backsheet testing lab.

RenewSys Hyderabad is a hub for R&D and innovations like India's 1st 5BB and 6BB PV cells, Bifacial, Glass -Transparent Backsheet Module, High efficiency - DESERV Galactic and Galactic Ultra modules. It houses a state-of-the-art Module Testing Laboratory where PV modules can be tested under rigorous conditions like damp heat, temperature cycling, and UV exposure.

RenewSys Patalganga is a solar module manufacturing plant with a capacity of 2 GW, located about an hour away from the JNPT port in Maharashtra. The largest module manufacturing plant in Maharashtra, this state-of-the-art production facility is home to world-class technology implemented to produce modules with unmatched reliability and power output. Learn more at www.renewsysworld.com.