

RenewSys launches DESERV Galactic Ultra 505+ Wp – a revolution in solar module engineering

- *Module range consists of two key variants – Deserv Ultra HI (High Power, Low Voltage) and DESERV Galactic Ultra HV (High Voltage)*
- *First mono-facial solar Module to cross 500 Wp using G1 (158.75mm) Solar PV cells modules*

Oct 2020 India: RenewSys India's *1st Integrated Manufacturer of Solar PV Modules and its key Components – Encapsulants (EVA & POE), Backsheets and Solar PV Cells* has launched 'DESERV Galactic Ultra' a range of high output modules that have been engineered using half-cut mono-PERC G1 (158.75 mm) Solar PV cells to phenomenally increase output and performance, even at higher temperatures. These solar modules also perform significantly better than full cell module under shading conditions.

DESERV Galactic Ultra HI series has been designed and engineered to provide high output (505+ Wp), at a lower voltage that ensures longer string length. The total power per string can be increased by up to 20%. This in turn assures savings not just on the amount of land required to set up a plant, but on the entire gamut of material needed to set up the plant, commonly referred to as BOS, making this the **ideal choice for rooftop and utility scale solar power plants**. It is compatible with all installation schemes including single and double tracker systems.

DESERV Galactic Ultra HV series has been designed **especially for pumping applications** with a voltage of 60.94 V. This results in a 60% reduction in the number of solar modules required to set up a pump with a voltage that is 10% higher than modules otherwise used in solar pumps.

Addressing the gathering at the virtual launch Mr. Nandkumar Pai, CEO PV Cells and Modules said, "There are four key drivers that we keep in mind when launching a new product, Reliability, Sustainability, Affordability- balance between cost and efficiency, with LCOE being a key area, and Versatility – a product that can seamlessly be incorporated into rooftop, off-grid, pumping and utility scale projects.

And the key to these is innovation, which is the fundamental value that is our driving force. We have been greatly encouraged by the support that the Government and the MNRE has been giving Make in India, which has only made our resolve to deliver world class products even stronger. DESERV Galactic Ultra is a product of this determination and commitment to



making Made In India solar PV modules, the product of choice not just in India, but globally as well.”

About Us: RenewSys is the 1st integrated manufacturer of Solar PV Modules (750 MW) and its key components – Encapsulants (2 GW), Backsheets (3 GW), Solar PV Cells (130 MW).

It is the ‘Renewable Energy’ arm of the the Enpee Group of companies, an international conglomerate established in 1961 with manufacturing experience in diversified businesses. Read more at www.enpee.com

The Group has offices and distributors/ agents in India, Mauritius, Nigeria, South Africa, Singapore, UAE, UK, China and representative offices in USA, Mexico, Brazil and countries across Europe; our distributor network is evolving as well.

Mr. Avinash Hiranandani, Global CEO and Managing Director, RenewSys India Pvt. Ltd. says, “RenewSys is committed to supplying quality, reliable Solar PV products. Our heritage of manufacturing excellence combined with our investments in R&D, state of the art machinery and focus on innovation is helping us reach out to discerning customers across the globe. As we expand our businesses, we will continue to strive to be the first choice for solar products worldwide.”

The RenewSys Hyderabad facility is an innovation hub, that has to its credit **India’s 1st** 5BB and 6BB PV cells, India’s only Bi-Facial, Glass- to -Transparent Backsheet Module, High efficiency - DESERV Galactic and DESERV Extreme modules and specially designed flexible, lightweight modules; the RenewSys Hyderabad Facility is a hub for cutting edge R&D, design thinking and innovation. It is also home to India’s first Intertek Certified Satellite Testing Laboratory at Hyderabad where solar modules can be tested under various conditions like damp heat, temperature cycles, UV exposure variances etc.

Read more at www.renewsysworld.com