



FEATURED May 28, 2021 Anand Gupta

Jakson Announces the Launch of 590 Wp Modules, the Highest by Any Indian Manufacturer

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Introducing The Ultra-Modern, power packed Helia Series by Jakson

1st Made in India PV Modules to have an efficiency of over 21% – The best in its class, manufactured at Jaksons fully automated, state of the art module manufacturing plant.

Jakson Group, one of India’s Top 10 Solar Companies, has announced the launch of “The Helia Series”, a range of indigenously developed Ultra-Modern, high output PV modules using A+ category half-cut MonoPERC solar cells. The Helia series will be available in both monofacial and bifacial categories, with

variants ranging from 120, 132, 144, and 156 half-cut cells configuration. The bifacial range of Helia modules offer an additional power gain of up to 15% from the rear side of the modules due to the use of transparent back sheet.

The Helia series PV modules are equipped with multi-busbar technology (MBB) and high-density interconnections enabling it to provide significantly better output at higher temperatures and under low-light/ shading conditions. Designed to perform at its peak in the most challenging of environments, the Helia series of PV modules have excellent PID characteristics and is covered by 25 years of performance warranty and 12 years of product workmanship warranty.



Jakson's Helia range of PV modules are also cost-effective and will positively impact Return on Investment (ROI) of a solar plant by reducing the requirement of land/ rooftop space. This subsequently translates into a significant reduction in Levelized Cost of Energy (LCOE), balance-of-system (BoS) costs, civil work costs and O&M costs. This makes the Helia series an ideal choice for residential, commercial and utility-scale customers alike.

Addressing the virtual launch, **Mr Sundeep Gupta, Vice Chairman & Managing Director, Jakson Group** said, "I am extremely happy to announce the launch of our new Helia series of high performance PV modules, manufactured using mono perc multi- busbar technology cells which is the latest technology being used globally. Available in both monofacial and bifacial configuration, the Helia series will start from 450 watt power output and will go right up to 600 watt, making us the first module manufacturer in India to offer solar modules with over 520 watt rating. We will also be the first manufacturer in India to offer solar modules with a minimum 21% efficiency level (best in its class). The Helia range of modules have been designed to give a much higher energy yield, compared to conventional modules thus increasing its cost efficiency. I am very confident that the Helia module range will strengthen Jaksons position as the top module manufacturer in India"



Key highlights and features of Jakson Helia series PV Modules:

- Next Generation of Solar PV Modules with highest rating of 590 Wp – 1st among Indian Manufacturers
- Module with > 21% Efficiency – Best in Class
- Available in Power Rating from 440 Wp up to 590 Wp (Monofacial & Bifacial)
- Bifacial range offers additional power gain of up to 15% from rear side of the modules
- Manufactured using MBB (Multi Bus Bar) technology in state-of-the-art fully automated facility

- Improved Temperature Coefficient of Pmax (- 0.35%/deg celcius) – Better Generation at higher temperatures
- Reduced resistive loss with Half Cut Technology – Better Module Performance every day
- Lower LCOE (Levelized Cost of Electricity) – Faster return on your investment
- Low LID Degradation using PERC Technology – Better Power Generation during its Life Cycle year on year
- Reduced loss in shading conditions
- 12 Year Product Warranty & 25 Year Performance Warranty
- Suitable for Rooftop, Large Industries, Utility Power Plants

About Jakson Group

Established in the year 1947, The Jakson Group has diversified from a Diesel Generator Manufacturing Organisation into an Energy Solutions Company providing expertise in the fields of Distributed Energy, Solar Power, Solar and Electrical EPC & IPP Solutions. The Company has an extensive presence throughout India with 3 manufacturing facilities, 6 Independent Solar Power Plants, A Global Training Centre, 30+ Sales Offices and a wide network of channel partners and dealers making it one of the top 10 energy companies in India. The company has business interests in countries like Bangladesh, Nepal, Singapore, Dubai and the African Sub Continent. The Company employs over 2500 people with Head Quarters in Noida Uttar Pradesh. It also has alliances with the Hospitality, Education & Infrastructure Sectors.

Our Business Solutions range from genset manufacturing to Hybrid Energy Storage Systems, customised Energy Solutions for Defence, Electrical, Civil & Solar Roof Top as well as Land based Solar EPC, Solar Modules, Solar Products & Solar IPP. With emphasis on Superior Quality Product's & Customised Solutions Selling, we offer the most viable & cost effective Solutions to our Clients backed by our long standing expertise in the Energy Industry. Our Customers are & continue to be the forefront of our Business.

We are proud to partner with the Government of India in various rural electrification projects, electrification of Indian Railways, Metros, Airports, Highways, Canals, Roof top & Land Based Solar EPC. We have provided uninterrupted power back up to The Eden Gardens Stadium in Kolkatta, International Airports across the country, Defence Forces & Chandrayaan -2 launched by ISRO to name a few noteworthy achievements.

Today Jakson is one of the top 10 solar companies in India. The Company has made remarkable contributions in the areas of renewable energy. Our target is to contribute in a big way towards India's goal of achieving 175GW of renewable energy by the year 2022. Our Philanthropic contribution is aligned to meet the SDG's outlined by the United Nations & India with emphasis on Quality Education and environment sustainability.

INTRODUCING THE ALL NEW HELIA SERIES

1ST MADE IN INDIA MODULES WITH EFFICIENCY OF MORE THAN 21% MANUFACTURED AT OUR NEW STATE-OF-THE-ART FULLY AUTOMATED FACILITY

JAKSON

MONOFACIAL & BIFACIAL PV MODULES

120-156 HALF CUT CELLS | 440Wp - 590Wp

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ANAND GUPTA

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