

Jakson Group

BUILDING SUSTAINABLE ENERGY SOLUTIONS

Transition to solar energy has become imperative today. However, the way towards it is fraught with challenges as solar panel manufacturers are struggling with shortage of raw materials & increase in pricing. On the other hand, customers are expecting higher energy efficient solar panels with good performance from reputed suppliers.

Jakson's high quality Solar Modules are IEC & BIS certified which are manufactured at their ISO Certified plant at Greater Noida, Uttar Pradesh. Jakson also offers customised Module Mounting Structures, Solar Power Packs and other innovative solar products and systems. The company's solar products portfolio includes a wide range of B2B and B2C products, which are distributed through a dedicated Channel Partner and Dealer network in India and overseas. These products include Hybrid / On Grid / Off Grid Solar Power Packs ranging from 1 KW to 60 KW, which are pre-designed and used by residential, commercial, and MSME customers for solar rooftop applications.



The new module manufacturing line under installation is a fully automated line and will be one the first lines in India having fully automated bussing process

Jakson has always believed in innovation and being ahead on the technology curve. The company was one of the first Indian manufacturers to offer 400 Wp rated modules back in 2019. Our modules are manufactured using the best quality of raw materials and there is a very rigorous QC process which ensures that each module is tested at various stages of manufacturing. We take pride in the fact that field performance of our solar modules has been found to be better than some of the top names in the Industry. "We always go that extra mile to offer additional support to our customers, beyond the scope of our agreements, 'Customer Centricity' being one of our strongest Core Values," says Mr. Sundeep Gupta, Vice Chairman & Managing Director, Jakson Group.

Jakson's state-of-the-art module manufacturing plant capacity is being enhanced to 600 MW and will further be scaled to 1 GW shortly. The new module manufacturing line under installation is a fully automated line and will be one the first lines in India having fully automated bussing process.

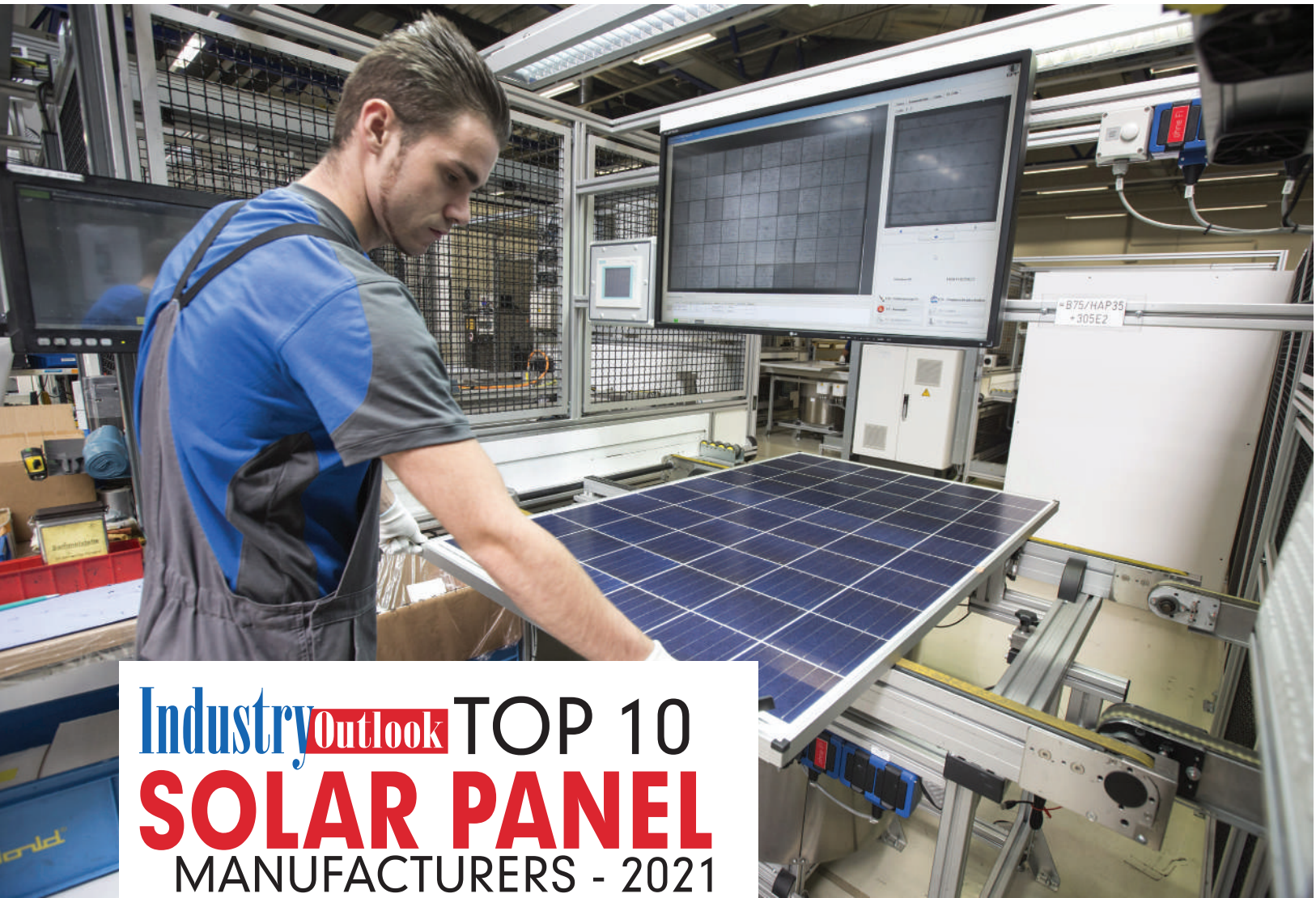


Sundeep Gupta,
Vice Chairman &
Managing Director

This line is capable of manufacturing solar modules using cell sizes upto 210 mm.

The Company has recently launched "The Helia Series", a range of indigenously developed cutting edge high output PV modules using A+ category half-cut MonoPERC solar cells. The Helia series will be available in both mono-facial and bi-facial categories, with variants ranging from 120, 132, 144, and 156 half-cut cells configuration. The power output range begins from 440 Wp and goes all the way up to 600 Wp with a best-in-class efficiency of more than 21%, making Helia one of the most powerful & efficient solar modules manufactured in India.

Established in the year 1947, The Jakson Group has diversified from a Diesel Generator Manufacturing Organisation into a diversified Energy Solutions Company providing expertise in the fields of Distributed Energy, Solar Power, EPC & IPP Solutions. The Company has a strong base of over 50,000 loyal customers. Jakson is ranked today amongst the Top 10 Energy Companies in India and is amongst the few manufactures of a diversified energy product portfolio. With the renewable energy products portfolio ranging from solar modules, products, kits, roof top and Hybrid Energy Storage Solutions, Jakson provides complete power solutions to various customer segments that are not just cost effective and durable, but are sustainable and help mitigate climate change. [li](#)



Industry Outlook TOP 10 SOLAR PANEL MANUFACTURERS - 2021

India Ranks the third largest solar energy market globally. By 2030 India is targeting to produce 450 GW of solar energy that is, about 60 percent of total energy would be from solar within next ten years. One of the main challenges India is facing, on moving to solar energy is that the Indian solar industry heavily relies on the import of solar components such as solar cells, modules, solar inverters. According to the data of Indian government, in 2019-20, the spending on solar import of India worth \$ 2.5 billion. The worldwide market for solar PV panels / modules was estimated at US\$ 188.5 billion between 2012 and 2017, according to Global Data, the world's leading data and analytics firm. Global Data aggregates the

global solar PV module market value to decline and likely to be USD 137.6 billion between 2018 and 2022.

Industry Outlook in this issue presents a list of "Top Ten Solar Panel Manufacturers - 2021" who have leveraged their extensive industry expertise and experience in bringing innovative products and solutions. The following list has been prepared after being closely scrutinized by a distinguished panel of judges including CXOs, analysts and Industry Outlook editorial board. We recognize their valuable contribution to the ever expanding and competitive market and their ability to sustain themselves and emerge as top contestants through their reliable product and services

TOP TEN SOLAR PANEL MANUFACTURERS - 2021

COMPANY	MANAGEMENT	DESCRIPTION
<p>Ece India Energies Amaravati, Maharashtra eceindia.com</p>	<p>Amit A. Arokar, Managing Director</p>	<p>Manufactures solar PV Module, Solar Products, traffic signal, LED Display Manufactures</p>
<p>Himalayan Solar Barwala, Haryana himalayansolar.co.in</p>	<p>Manjeet Singh, Director</p>	<p>Solar modules in the range of 3Wp to 340Wp</p>
<p>Jakson Group Noida, Uttar Pradesh jakson.com</p>	<p>Sundeep Gupta, Vice Chairman & Managing Director</p>	<p>Partner in electrification of Indian Railways, Metros, Airports, Highways, Canals, Roof top & Land Based Solar EPC</p>
<p>Pixon Energy Rajkot, Gujarat pixonenergy.com</p>	<p>Punit Mehta, Director</p>	<p>Manufacturer of various types of modules like Mono crystalline perc modules, poly crystalline modules, poly crystalline DCR Modules and more</p>
<p>Solarium Green Energy Ahmedabad, Gujarat solariumenergy.in</p>	<p>Pankaj Gothi, Managing Director</p>	<p>Manufacturers of PV modules, water pumbing PV system, mounting system, solar water heater and solar lighting systems</p>
<p>SWELECT Energy Systems Chennai, India swelectes.com</p>	<p>R. Chellappan, Managing Director</p>	<p>A passionate forward thinking company with a strong presence in the international energy market</p>
<p>Dosan Solar Madurai, Tamilnadu dosansolar.com</p>	<p>Thulasi Doss, CEO</p>	<p>Manufacturers of solar power, photovoltaics, Polycrystalline Silicon, etc</p>
<p>Rayzon Solar Surat, Gujarat rayzonsolar.com</p>	<p>Hardik Kothiya, CEO</p>	<p>Manufacturer of poly modules and mono modules</p>
<p>TATA Power Solar Mumbai, Maharashtra tatapowersolar.co</p>	<p>Ashish Khanna, President</p>	<p>Products are Solar water pumbs, Solar micro grids, solar RO systems</p>
<p>Waaree Surat, Gujarat waaree.com</p>	<p>Hitesh Doshi, Chairman & Managing Director</p>	<p>Products are PV Module, Inverters, Batteries, Water Pumbs, Solar Products</p>