



Avaada Electro Powers India's Solar Leadership: First to Launch 720 Wp TOPCon Modules, Butibori ALMM-Certified, Scaling to 12 GW Integrated Manufacturing

New Delhi / Nagpur / Noida, June 10, 2025 – In a landmark stride for India's clean energy manufacturing ecosystem, **Avaada Electro** (www.avaadaelectro.com), the solar manufacturing arm of Avaada Group, today announced that its **state-of-the-art Butibori facility** in Nagpur, Maharashtra has been officially included in the **Approved List of Models and Manufacturers (ALMM)** by the **Ministry of New and Renewable Energy (MNRE)**.

The ALMM listing includes Avaada's **Glass-to-Glass G12 modules (up to 720 Wp)** and **G12R modules (up to 630 Wp)**. The Butibori plant, equipped with **self-adaptive AI-integrated production lines** and a **smart energy management system**, is one of India's most advanced module manufacturing sites operating at a Takt time of 16 seconds. The plant is rapidly scaling up to **7 GW capacity** by next month, reinforcing Avaada's leadership in high-efficiency solar technology.

Pioneering High-Efficiency TOPCon Modules

In parallel, Avaada Electro has also **commercially launched its BIS-certified N-type TOPCon solar modules** in both **720 Wp and 630 Wp** variants. With a **best-in-class efficiency of 23.32%**, these modules represent a leap in next-gen solar performance. Shipments of **595 Wp, 600 Wp, and 605 Wp TOPCon modules** have already commenced from Avaada's **fully operational Dadri facility**, with **720 Wp modules being dispatched from Nagpur**.

India's Largest Integrated Solar Manufacturing Ecosystem

Avaada Electro is scaling towards a **12 GW solar module and 12 GW solar cell manufacturing capacity** by the next financial year. This integrated ecosystem spans **ingots, wafers, glass, encapsulants, packaging**, and other critical components—placing Avaada at the forefront of India's solar self-reliance journey.

The **Dadri facility**, already ALMM-certified, runs on **green power** and showcases **AI-powered defect detection systems** that outperform human inspection in precision and reliability. Avaada's facilities also leverage **cloud computing and real-time energy analytics** to minimize environmental impact, aligning with our commitment to **greener, smarter manufacturing**.

Vineet Mittal, Chairman & Founder, Avaada Group, said: *“Our journey at Avaada Electro is rooted in **innovation, scale, and sustainability**. With ALMM certification of our Butibori plant and the commercial launch of our 720 Wp and 630 Wp N-type TOPCon modules, we are proud to lead India's solar manufacturing revolution.*

*Our AI-driven, energy-optimized, and fully integrated solar manufacturing ecosystem is a symbol of India's industrial resilience and Avaada's unwavering commitment to the **Hon'ble Prime Minister's vision of Atmanirbhar Bharat**.”*

About Avaada Electro

Avaada Electro is the manufacturing powerhouse of Avaada Group, specializing in high-performance solar PV modules and cells. With cutting-edge technology, integrated supply chains, and a deep commitment to R&D, ESG, and circular economy principles, Avaada Electro is setting global benchmarks in sustainable manufacturing.



Our mission is to catalyze the global energy transition by delivering precision-engineered, AI-enhanced, and environmentally responsible solar solutions that power the planet.

For further information, please contact:

Avaada Group Corporate Communications marcom@avaada.com Website: www.avaadaelectro.com LinkedIn: @AvaadaGroup @AvaadaElectro Twitter: @AvaadaGroup @AvaadaElectro Facebook: @AvaadaGroup @AvaadaElectro	PR Contact: Storytellers 101 Pashmi Shah 9850125666 pashmi.storytellers101pr@gmail.com
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