



Powering the Future: Avaada Electro Brings Cutting-Edge Solar Module Technology to North America

San Diego, February 24, 2025 – Avaada Electro (www.avaadasolar.com), the manufacturing arm of Avaada Group and a leader in advanced solar technology, is set to make its highly anticipated debut at **InterSolar and Energy Storage North America 2025**, taking place **February 25–27 at the San Diego Convention Center, California, USA**.

As one of the fastest-growing solar technology providers, **Avaada Electro** will showcase its latest high-efficiency **TOPCon solar modules**, engineered to deliver maximum power output, enhanced reliability, and cost-effectiveness—specifically tailored for the U.S. market. With a strong legacy in renewable energy and deep expertise in large-scale solar manufacturing, the company aims to set new industry benchmarks with **its innovative, high-performance solar solutions**.

Expanding Avaada Electro's Footprint in North America

Avaada Electro's participation in **InterSolar North America 2025** marks a **significant milestone** in its global expansion strategy. With an established track record as a leading **Independent Power Producer (IPP)** and solar manufacturing powerhouse, Avaada Electro is bringing its **cutting-edge technology, advanced production capabilities, and cost-efficient solar solutions** to support the rapidly growing U.S. solar sector.

Pioneering Solar Innovation for the U.S. Market

Avaada Electro is revolutionizing solar manufacturing with state-of-the-art facilities across **Dadri, Noida, Greater Noida, and Nagpur, India**. Its fully integrated production line in **Nagpur** achieves seamless **ingot-to-module transformation in just 16 seconds per unit**, positioning Avaada among the **fastest and most efficient solar manufacturers globally**.

Key Innovations Avaada Electro Will Showcase at InterSolar North America 2025:

- **High-Efficiency Performance:** Featuring next-gen **TOPCon solar cells** with **23.3% efficiency**, ensuring superior energy conversion and optimized yield.
- **Designed for U.S. Conditions:** Modules built for **low-light efficiency, high-temperature resilience, and diverse climate adaptability** across North America.
- **Advanced Manufacturing & Automation:** Precision-engineered **cell-to-module production with AI-powered quality control** for consistent, high-performance solar output.

Avaada Electro's Competitive Edge

- **Technology Leadership & Scale**
Avaada Electro integrates **high-performance solar cell architectures, advanced automation, and full vertical integration**, ensuring superior product quality, scalability, and cost efficiency.
- **Cost Optimization & Supply Chain Resilience**



By maintaining in-house production of both **solar cells and modules**, Avaada Electro **eliminates supply chain bottlenecks**, enhances cost competitiveness, and ensures **uncompromised quality control** at every stage of production.

- **Global Expertise, Local Solutions**

Leveraging its experience as a leading **renewable energy developer and technology manufacturer**, Avaada Electro is strategically positioned to deliver **reliable, bankable solar solutions** for U.S. developers, EPCs, and investors.

Leadership Perspective

Vineet Mittal, Chairman of Avaada Group, emphasized the importance of the U.S. market in the company's global expansion strategy:

"The U.S. is at the forefront of the global clean energy transition, and Avaada Electro is proud to bring its world-class solar manufacturing expertise to North America. Our high-speed, fully integrated production capabilities ensure we can support U.S. developers with reliable, high-performance solar solutions that drive the industry forward. InterSolar North America 2025 is the ideal platform to showcase our innovations and build lasting strategic collaborations."

About Avaada Electro

Avaada Electro, the manufacturing arm of **Avaada Group**, is a global leader in **solar PV module and cell production**, dedicated to delivering **high-quality, precision-engineered, and sustainable** solar solutions. With **state-of-the-art facilities of module production and solar cell capacity**, Avaada Electro is setting new global benchmarks for **efficiency, reliability, and performance**.

By leveraging **cutting-edge manufacturing, R&D innovation, and vertical integration**, Avaada Electro is helping accelerate the global transition to **clean, affordable, and sustainable energy**.

Avaada Group Corporate Communications 8850960705 marcom@avaada.com Website: www.avaada.com Twitter: @avaadagroup Facebook: @Avaada Group LinkedIn: @Avaada Group	PR Contact: Storytellers 101 Pashmi Shah 9850125666 pashmi.storytellers101pr@gmail.com
---	--