

Alpex Solar inaugurates its ambitious 2.2 GW G12R TOPCon Solar Cell Plant in Kosi-Kotwan

- *9 lakh sq. Ft. state-of-the-art plant, located at Kosi Kotwan Industrial Area, inaugurated in the presence of eminent dignitaries*
- *First integrated TOPCon giga manufacturing line in the state strengthens Uttar Pradesh's position as a solar manufacturing hub*
- *Fortifies Alpex's integrated offerings portfolio comprising PV modules, solar cells, EPC solutions, solar pumps, and aluminium frames*

New Delhi, September 17, 2026: Alpex Solar Limited (ALPEXSOLAR), a leading manufacturer of high-precision solar PV modules and solar systems, announced the inauguration of its ambitious 2.2 GW G12R TOPCon PV solar cell manufacturing facility at Kosi Kotwan Industrial Area, Mathura, Uttar Pradesh. The plant was inaugurated in the presence of eminent dignitaries and distinguished guests.

Alpex Solar's 2.2 GW G12R TOPCon solar cell manufacturing facility not only marks a significant milestone in the company's backwards-integration strategy but also strengthens Uttar Pradesh's position as an emerging hub for renewable energy manufacturing.

Speaking on the occasion, **Ashwani Sehgal, Managing Director, Alpex Solar Limited**, said, "Bharat is on its way to becoming Aatmanirbhar, and we at Alpex Solar are proud to unfurl the next chapter in the green energy revolution through technology, scale and ambitious backward integration into higher efficiency PV solar cells. This feat of excellence wouldn't have been possible without the support of the state government and all our stakeholders. For us at Alpex, this also marks the next level of growth, and with the support of our stakeholders, including our team members, we remain committed to creating value and nurturing positive impact all around."

The inauguration reinforces Alpex Solar's commitment to expanding its manufacturing footprint and investing in advanced technologies as India accelerates its transition towards renewable energy. A leading manufacturer of high-precision solar PV modules and solar systems, Alpex Solar announced the inauguration of its ambitious 2.2 GW G12R TOPCon PV solar cell manufacturing facility at Kosi Kotwan Industrial Area, Mathura, Uttar Pradesh. The new facility will add significant cell manufacturing capacity to the company's existing operations and strengthen its ability to serve the domestic solar PV market.

Alpex's new facility is the first integrated TOPCon giga manufacturing line in Uttar Pradesh, representing a major addition to the state's advanced solar manufacturing capabilities. The plant will manufacture G12R TOPCon solar cells, a next-generation technology designed to deliver higher efficiency and power output and support the evolving requirements of the solar PV industry.

Commenting on the occasion, **Aditya Sehgal, Chief Executive Officer, Alpex Solar Limited.**, said, "The 2.2 GW G12R TOPCon cell manufacturing facility marks an important milestone in Alpex Solar's journey from a solar module manufacturer and EPC provider to a more deeply integrated renewable energy company. Uttar Pradesh has emerged as an important destination for advanced manufacturing, and we are proud to contribute to the country's growing solar ecosystem. This facility will strengthen our technology and manufacturing capabilities while enabling us to participate more meaningfully in India's transition towards cleaner and more secure energy."

Alpex's foray into PV solar cells marks a significant step in its strategy to build an integrated solar PV manufacturing platform. With capabilities spanning solar cells, modules and EPC services, the company is strengthening its presence across the solar value chain and enhancing its ability to serve India's rapidly growing demand for clean energy. Its establishment in Uttar Pradesh is expected to further

support the state's renewable energy ambitions while contributing to industrial development and job creation in the region.

Monica Sehgal, Whole-time Director, Alpex Solar Limited, said: "The 2.2 GW TOPCon cell facility represents a strategic investment in expanding our manufacturing depth and creating greater value across the solar PV value chain. Vertical integration will give us greater control over critical inputs, technology, and quality, while improving our ability to respond to evolving market requirements. As India's solar manufacturing ecosystem scales up, we remain focused on disciplined capacity expansion, operational efficiency and building sustainable long-term value for all stakeholders."

Alpex Solar operates multiple manufacturing facilities across Uttar Pradesh and Madhya Pradesh, offering an integrated portfolio that includes solar PV cells, solar PV modules, solar cells, EPC solutions, solar pumps, and aluminium frames. The company's current operations in Greater Noida are set to expand with five new manufacturing units across Greater Noida, Kosi-Kotwan in Uttar Pradesh, and Madhya Pradesh. Notably, the Kosi-Kotwan facility is witnessing accelerated construction as part of its ongoing solar cell and module capacity expansion.

About Alpex Solar Limited. (INE0R4701017)

Founded in 1993 by first-generation entrepreneurs Ashwani Sehgal, Monica Sehgal, and Vipin Sehgal, Alpex Solar is a premier manufacturer of monocrystalline and polycrystalline PV modules, offering a wide portfolio including Topcon, bifacial, mono-PERC, and half-cut solar modules. The company also specialises in EPC solutions for solar energy systems, with a strong foothold in both surface and submersible solar pumps.

Alpex serves as a contract manufacturer for industry giants such as Tata Power and Jakson and has delivered projects for leading EPC.

In 2007, Alpex launched a state-of-the-art 150,000 sq. ft. facility in Greater Noida, which now houses its growing manufacturing operations. The company currently employs 500+ professionals and leverages its R&D capabilities and deep sectoral expertise to deliver high-performance, reliable, and innovative solar products.

Alpex Solar was successfully listed on the NSE Emerge platform in February 2024.

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