PRESS RELEASE

Epsilon's Gen 3.0 LFP Cathode Material in Global Customer Validation, Advancing the Next Generation of Ex-China Battery Supply Chains

Leading cell manufacturers across Asia-Pacific, Europe and the United States are progressing validation of Epsilon CAM's Gen 3.0 LFP cathode; commercial production targeted at 20,000 TPA by 2028, scaling to 100,000 TPA.

Mumbai, India, 7th Aug 2026: Epsilon CAM, the cathode materials business of Epsilon Group, today announced that its Gen 3.0 Lithium Iron Phosphate (LFP) Cathode Active Material has progressed into customer validation with leading global cell manufacturers across Asia-Pacific, Europe and the United States, marking a significant milestone in the company's journey to establish a globally competitive and resilient battery materials ecosystem outside of China.

Building on the launch of its Gen 3.0 Lithium Iron Phosphate (LFP) Cathode Active Material in April this year, Epsilon CAM has rapidly advanced into global customer validation. The Gen 3.0 material delivers a discharge capacity of 159 mAh/g and an electrode density of 2.51 g/cc or higher; achieving the performance standards of high-energy density LFP cathode materials that have, until now, been supplied predominantly by Chinese manufacturers. With this Epsilon CAM is establishing India as a credible and globally competitive source of advanced, commercial-scale LFP cathode materials.

Epsilon CAM plans to build a 20,000 tons per annum (TPA) of commercial manufacturing capacity by 2028, with scale-up plans of 100,000 TPA capacity, positioning the company among the emerging global suppliers of advanced LFP cathode materials other than China.

"The global battery industry is entering an era where technology leadership must be complemented by resilient and diversified supply chains," said Vikram Handa, Managing Director, Epsilon Group. *"The advancement of our Gen III LFP cathode material into customer validation with large global cell makers shows our commitment to providing cell manufacturers with high-performance, globally competitive and supply chain-resilient cathode solutions."*

Engineered in Germany, for Global Markets

At the heart of this breakthrough is Epsilon CAM's Cathode Technology Centre in Moosburg, Germany, a world-class research and development center dedicated to advancing cathode material technologies. The facility brings together a team of scientists with over 100 years of combined experience in cathode chemistry, materials science and process engineering. Backed by a growing portfolio of 149 patents, an ISO 9001-certified quality management system and a 250 TPA commercial manufacturing facility; the center enables rapid product development, customer qualification and seamless scale-up from laboratory innovation to commercial production. Its state-of-the-art R&D infrastructure allows Epsilon CAM to continuously optimize material performance while accelerating the transition from research to industrial-scale manufacturing for customers worldwide.

Supporting Compliant Global Supply Chains

For cell manufacturers and automotive OEMs serving the United States, the value of Epsilon CAM's Gen III LFP cathode material extends beyond performance to the origin of its technology. With U.S. Prohibited Foreign Entity (PFE) regulations on the provenance of battery materials and intellectual property, Epsilon CAM's proprietary non-PFE compliant technology offers customers a high-performance, globally competitive solution that supports compliant, diversified and resilient battery supply chains.

The company believes this capability will become increasingly important as the global battery industry accelerates investments in regional manufacturing, localization and secure critical material supply chains across North America, Europe and other strategic markets. With customer validation now underway and commercialization plans in place, Epsilon CAM is poised to play an important role in supporting the next generation of electric mobility and energy storage technologies worldwide.

About Epsilon Cathode Active Materials (ECAM)

Established in 2023, Epsilon Cathode Active Materials specializes in the development and commercial production of Lithium Iron Phosphate (LFP) Cathode Active Materials. The company's ISO 9001-certified Cathode Technology Centre in Moosburg, Germany has a portfolio of 149 patents in next-generation cathode technologies, a 250-ton commercial demonstration plant, and advanced cell testing capabilities, positioning ECAM as one of the few non-Chinese Organizations conducting serious cathode materials R&D at commercial scale.

With its R&D foundation in Germany, ECAM is ready for commercial scale Cathode Active Material facility, with 20,000 tons per annum capacity by 2028 in India. This expansion reflects the company's broader commitment to building a resilient, geographically diversified, and sustainable battery materials ecosystem for the global EV and energy storage industries.

For more information, visit www.epsilonam.com/cathode.html

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