

IMOLA, 7 luglio 2025

COMUNICATO STAMPA

RIF SM

N° PROT COM_2025_S0010_R100
EN_20250707.DOCX

Aliant Battery: four battery models obtain ECE R100 certification for road vehicles category M1 and N1

Imola, July 07, 2025 | Aliant Battery, the ELSA Solutions SpA brand specializing in the manufacture of lithium-ion batteries, proudly announces that it has obtained the prestigious ECE R100 certification for use in road vehicles of categories M1 (vehicles intended for passenger transport) and N1 (light commercial vehicles) related to as many as four models of LFP batteries.

ECE R100 certification is an international standard that regulates the safety and performance requirements for electrical energy storage systems intended for road vehicles. It is issued after rigorous testing to ensure electrical safety, mechanical strength and compliance with applicable regulations. Achieving this certification means that Aliant batteries meet the highest standards of safety and reliability required by the automotive industry at European and international levels. The certification path was also made possible thanks to the invaluable technical and operational support of the **InLab srl** test center, which accompanied Aliant Battery in all phases of laboratory testing and in the management of the homologation procedures.

CEO Davide Dal Pozzo commented, "Obtaining ECE R100 certification for four of our models represents a great achievement and a source of pride for the entire Team, especially considering that all tests passed with positive results on the first attempt in the laboratory. It is the result of an ongoing commitment to research and development, the use of the best and most up-to-date numerical simulation software technologies, and the significant investments we have dedicated to technological innovation and the consolidation of our know-how. For us, this recognition is not a point of arrival, but an incentive to continue to improve and enthusiastically face the new challenges that the market presents us."

Aliant Battery considers safety, reliability and quality of its products core values. Achieving ECE R100 certification confirms the company's mission to offer cutting-edge solutions and support its OEM partners on the path to vehicle electrification and the energy turnaround in the world of industrial vehicles.