Press Release

IVECO BUS unveils next-generation batteries delivering greater range and warranty option of up to 15 years

IVECO BUS boosts the performance of its electric range with a new generation of NMC batteries for its electric city and intercity buses, delivering up to 100 km of additional driving range and offering the option of extending battery warranty coverage to 15 years. First deliveries are scheduled for the second quarter of 2027.

Vénissieux, 24 November 2026

Boosted performance for electric city and intercity buses

IVECO BUS introduces a new generation of NMC batteries across all heavy-duty E-WAY and CROSSWAY ELEC models, including the Low Entry version. Within the same footprint, the new batteries offer approximately 15% higher energy density than the previous generation and deliver up to 100 km of additional range, depending on the model and configuration. Operators also have the option of extending the battery warranty coverage to up to 15 years.

Battery pack capacity rises to 80 kWh

This new generation of batteries is based on the NMC (nickel, manganese, cobalt) technology already used in the brand's electric vehicles. Thanks to an optimised design and improved modules, capacity per battery pack has increased to 80 kWh, compared with 69 kWh for the previous generation. For operators, this development offers greater flexibility to tailor each vehicle's configuration more precisely to its operational requirements.

Modular battery configurations tailored to operational needs

The E-WAY city bus models offer configurations ranging from 4 to 9 battery packs, providing total capacities of 320 to 720 kWh, depending on the version: midibus, standard or articulated. On 12-metre versions, the new generation of batteries delivers up to 100 km of additional range.

The CROSSWAY Low Entry ELEC offers 4 to 7 battery packs, delivering a total capacity of 320 to 560 kWh and up to 100 km of additional range. The CROSSWAY ELEC is available with 3 to 6 battery packs, providing a total capacity of 240 to 480 kWh.
This modular approach enables customers to match energy capacity precisely to their routes and distances travelled, investing only in the energy they actually need.

Extended warranty coverage enhances operating cost predictability
The option of extending the battery warranty to 15 years gives operators better long-term visibility over vehicle operating costs, helping them manage their total cost of ownership (TCO).
In practice, this new generation of batteries enables operators to tailor their investment to the requirements of each mission: depending on operational needs, the same driving range can be achieved with one fewer battery pack, also allowing for increased passenger capacity. Combined with the elimination of mid-life battery replacement, this reduction in the number of packs can deliver savings of up to 17% on the GX 337 ELEC's total cost of ownership over 15 years of operation.

Enhanced safety, even in standby mode
Already compliant with UNECE R100.4, the batteries also incorporate additional safety features designed to further enhance system reliability. If thermal runaway is detected, even in standby mode, the battery triggers an alert. In addition to this warning function, each module is equipped with a fire extinguisher that releases an extinguishing agent in the event of a fire.

First deliveries scheduled for Q2 2027
The first deliveries are scheduled for the second quarter of 2027. By offering greater flexibility in battery configuration, the new generation enables operators to balance driving range, passenger capacity, and total cost of ownership according to each route's specific operational requirements.

IVECO BUS

IVECO BUS, a brand of Iveco Group N.V. (EXM: IVG), develops, manufactures and markets a full range of passenger transport vehicles tailored to a broad spectrum of mobility applications, including urban, intercity, school, scheduled line and tourism operations.

With an international presence, IVECO BUS supports private transport operators and public transport authorities in their energy transition through a technology-neutral approach encompassing biofuels, biomethane, battery-electric and fuel cell technologies.

Through an extensive service network, IVECO BUS supports customers wherever its vehicles are deployed.

*In addition, through its **Energy Mobility Solutions** offering, IVECO BUS provides tailored support for the planning and deployment of complex electrification projects.*

*A wide range of **IVECO ON** connected services, developed to optimise the operation and maintenance of fleets operating with different energy technologies, completes IVECO BUS's comprehensive offering.*

The company employs over 6,550 people and operates seven manufacturing plants in Europe and Latin America: Annonay and Rorthais in France, Vysoké Myto in the Czech Republic, Brescia and Foggia in Italy, Sete Lagoas in Brazil, and Córdoba in Argentina.

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