

Press Release

IVECO BUS unveils the new generation of its E-WAY range

IVECO BUS drives the road of change towards carbon-free mobility and unveils the latest developments in its 100% electric E-WAY range designed to meet the mission requirements of the most demanding European cities.

- *Even more modularity and flexibility in energy storage for all models.*
- *Charging at the depot now also offered on articulated versions.*

Vénissieux, 24th May 2023

Electromobility is in IVECO BUS's DNA, with more than 20 years of experience paving the way for generations of trolleybuses, hybrid buses and battery-electric buses. Since its launch, the E-WAY electromobility offer has proven to be highly reliable and efficient. Close to 1,000 units are currently in service in more than a dozen European countries, having run more than 55,000,000 km.

IVECO BUS never stops developing its E-WAY range to always offer its customers the best in electromobility, and the new generation is the latest step forward on its path to carbon-free mobility.

E-WAY new generation

One of the major new developments introduced on the E-WAY models is the evolution of energy storage and its modular concept. With 5 to 9 packs depending on the vehicle model, it will meet the most demanding requirements of operators in terms of daily range and passenger capacity. It is the latest NMC battery technology industrialized specifically by FPT for IVECO BUS, whose single-unit capacity reaches 69.3 kWh.

With this unique technology, IVECO BUS can now offer overnight charging at the depot on the articulated version of the E-WAY. The extended battery capacity will enable to provide a range of up to 400 km according to operation conditions.

Availability of these new batteries, distributed on the roof and in the rear compartment, will gradually be extended to all models:

- The E-WAY midibuses will have an energy capacity of 346 kWh with 5 packs for the 9.5 m long version and of 346 kWh with 5 packs or 416 kWh with 6 packs for the 10.7 m long version. Charging will be done at the depot by Combo 2 CSS socket.
- The 12-meter-long E-WAY are available with 2 charging modes according to the missions: at the depot by Combo 2 CSS socket or opportunity charge via descending or ascending pantograph. A combination of 5 to 7 packs for a total capacity of 346, 416 or 485 kWh will optimize the performance of the bus.
- The articulated versions will accept both depots charging via Combo 2 CSS plug and opportunity charge with descending or ascending pantograph and will offer a choice from 6 to 9 battery packs for 416, 485, 554 or 624 kWh.
- Both 12 m and 18 m long models will still be available in BRT (Bus Rapid Service) versions, called LINIUM.

The E-WAY will now be equipped with the new SIEMENS Elfa III electric motor that delivers 185 kW of maximum power (3000 Nm) for the 9.5, 10.7 and 12-m-long versions and 330 kW (5000 Nm) electric motor for the 18m articulated version, as well as a new 8.2-tons front axle.

The new-generation E-WAY vehicles also feature a new rooftop battery protection with a tile design that provides easy access to the batteries. This results in the advantage of a height of less than 3,300 mm.

For thermal comfort, the E-WAY new generation will also offer a CO₂ heat pump with improved air distribution system.

Compared to the previous generation of E-WAY models, these new technological features and the new batteries which provide the highest energy density (180 Wh/kg) of the market and higher installed battery capacity, enable to optimize the balance between passenger capacity or the on-board energy offered.

Deliveries of the new-generation E-WAY will start in the second half of 2024 with the 12 m long models.

IVECO BUS

IVECO BUS is a brand of Iveco Group N.V., a global leader in commercial and specialty vehicles, powertrain, and financial services, listed on the Borsa Italiana in Milan.

A major player in the field of public transport, and among the leading bus and coach manufacturers in Europe, IVECO BUS designs, manufactures and markets a broad range of vehicles that meets all the needs of public and private operators:

- school, intercity and tourism coaches;*
- standard and articulated city buses, including BRT dedicated versions; city midibuses*
- minibuses for all passenger transport missions.*

IVECO BUS benefits from a strong expertise in alternative energies vehicles and is now capable of offering a complete range running on compressed natural gas – fully compatible with biomethane – and in the electromobility field, to suit every kind of transport need. Thus, IVECO BUS positions itself as a reference partner to face the numerous challenges of sustainable mobility.

IVECO BUS employs over 5,000 people across four production units, in Annonay, France, Vysoké Myto, Czech Republic, Brescia, Italy and in Rorthais, France with its electromobility center of excellence.

The extensive IVECO BUS and IVECO service network guarantees assistance around the world wherever an Iveco Bus vehicle is at work.

For further information about IVECO BUS: www.ivecobus.com

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