

Press Release

New-generation E-WAY: electromobility in the most demanding missions

*Electromobility is in IVECO BUS's DNA: with more than 20 years of experience, it has paved the way for generations of trolleybuses, hybrid buses and battery-electric buses with its E-WAY range. The **new-generation E-WAY**, designed to meet the most demanding mission, once again raises the bar on performance.*

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

Vénissieux, 6 October 2023

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. It has been designed to offer more modularity and flexibility in energy storage on all models, and charging at the depot is now also available on articulated versions as well as opportunity charging via bottom-up pantograph on 12-m long versions.

With 5 to 9 packs depending on the vehicle model, the **new-generation E-WAY** meets the most demanding daily range and passenger capacity requirements of operators. They are equipped with the latest NMC battery technology industrialized specifically by FPT Industrial for IVECO BUS, whose single-unit capacity reaches 69.3 kWh. The extended battery capacity will enable a range of up to 400 km according to operating conditions.

The batteries, distributed on the roof and in the rear compartment, provide the 9.5 m-long E-WAY with an energy capacity of 346 kWh with 5 packs, and up to 416 kWh with 6 packs for the 10.7 m-long version. These midibuses can be charged at the depot: the 12-meter-long E-WAY, with a combination of 5 to 7 packs, has a total capacity of 346 kWh, 416 kWh or 485 kWh. The articulated versions offer a choice of 6 to 9 battery packs for 416 kWh, 485 kWh, 554 kWh or 624 kWh. Both 12 m- and 18 m-long

models accept depot charging via Combo 2 CSS plug and opportunity charge with descending or ascending pantograph.

The **new-generation E-WAY** vehicles also feature a new faired installation of the battery racks in the roof, which provides easy access for maintenance operations and has the advantage of a height of less than 3,300 mm.

The **E-WAY** is now equipped with the new SIEMENS Elfa III electric motor that delivers 310 kW of maximum power (3,000 Nm) for the 9.5 m-, 10.7 m- and 12 m-long versions and the 375 kW (4000 Nm) electric motor for the 18 m-long articulated version, as well as a new 8.2-ton front axle.

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

Compared to the previous generation of E-WAY models, the new technological features and the new batteries – which deliver the highest energy density (180 Wh/kg) in the market – enable optimization of the balance between passenger capacity and the on-board energy available.

Both 12 m- and 18 m-long models will still be available in BRT (Bus Rapid Service) versions, called LINIUM.

IVECO BUS

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

With a worldwide presence and a leading position in Europe in sustainable public transport, IVECO BUS supports public and private operators in all their missions, with an offer of global mobility solutions available in different energies, such as electric or powered by compressed natural gas compatible with biomethane.

The overall offer includes:

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

- connectivity and fleet management services available through IVECO ON
- a portfolio of products and services with Energy Mobility Solutions, from simulations and design to the supply of charging stations, and installation and maintenance of the charging infrastructure

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

IVECO BUS employs over 5,000 people across five production units, in Annonay and Rorthais, France, Vysoké Myto, Czech Republic, Brescia and Foggia, Italy.

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

For further information about Iveco Group: www.ivecogroup.com

For further information, please contact:

Isabelle FILLONNEAU

Mobile + 33 6 87 71 36 24

isabelle.fillonneau@ivecogroup.com