

IVECO BUS

Drive the road of change



E WAY

Electromobility in DNA

Electromobility is in our nature, 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.

Designed to suit every need, the E-Way by HEULIEZ is available in **4 different lengths** (9.5 m, 10.7, 12 m and 18 m), with a choice of overnight slow charging or fast charging using a pantograph. Flexibility is pushed to its maximum with a choice of number of batteries, which means the vehicle can match exactly the customer's specific autonomy requirements and doesn't have to carry extra weight, losing passenger capacity.



Innovative design

New front face

E-Way New Generation front face is now hosting the specific driving assistance systems ADAS for safer driving:

- **BSIS** – BLIND SPOT INFORMATION SYSTEM
- **MOIS** – MOVING OFF INFORMATION SYSTEM
- **ISA** – INTELLIGENT SPEED ASSISTANT
- **DDAW** – DRIVER DROWSINESS ATTENTION WARNING

Those sensing tools are incorporated in a radar installed in the front face and a camera lens covering the whole frontal area from the inner side behind the windscreen. Its combination is able to detect Vulnerable Road Users approaching frontally and from lateral directions, as well as road signals. The camera is packed with a light sensor allowing the automatic switching on of front headlights.



— I ISA CAMERA

— I MOIS RADAR

Total comfort

The E-Way offers a high-level comfortable experience for both drivers and passengers with no vibrations, smooth acceleration and a spacious, carefully designed interior.

Completely silent, the E-Way ensures a quiet neighborhood for locals and top acoustic comfort for passengers.

The triangular windows on the platform lower section guarantee maximum natural light flow inside the bus, while full LED lighting and the exclusive Lampa'Bus® option for indirect ambient lighting of blue, green or white color, create bright and pleasant travelling environment.

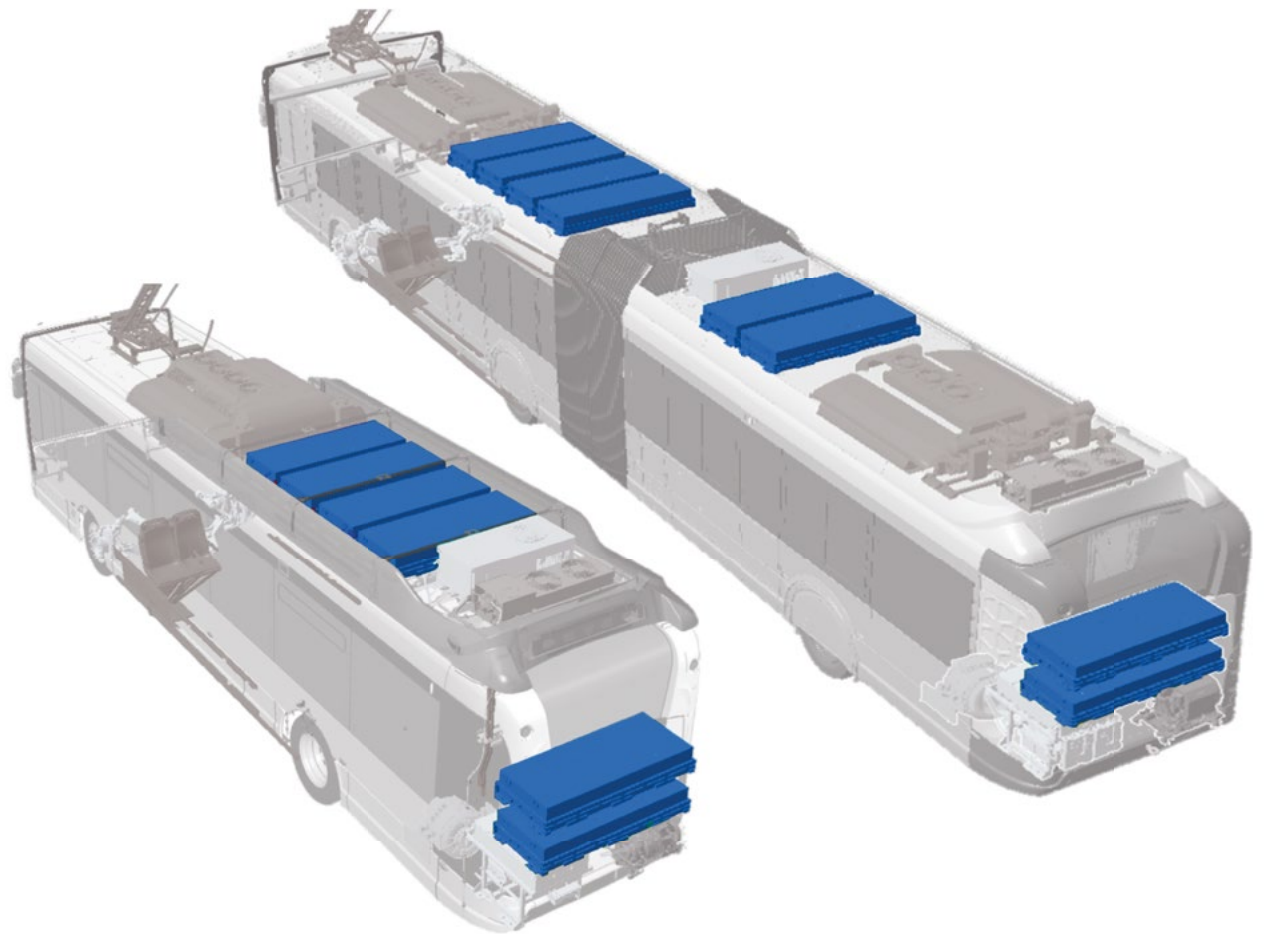
For thermal comfort, the E-Way new generation will also offer a CO₂ heat pump with improved air distribution system. Well designed air ducts and outlets spread the air tangentially to the roof in the corridor and towards the glazed surface sideways, not investing directly the passenger.

Heat Pump can also use its power to keep the batteries in the proper temperature range so that the autonomy can be further improved.



New batteries: the widest choice for your specific needs

E-Way New Generation takes advantage of the rear room compartment and the roof to install HV staff and eDrive leaving the passenger room and the floor free from any HV device. The new central eMotor is located in the rear compartment with its power electronics safely stowed and protected and delivering up to 310 kW power for 9.5, 10.7 and 12 meters, whereas it delivers up to 490 kW for the 18 m bus. The battery packs and their combination target the optimization of installed energy and passenger capacity. From 5 to 7 packs are offered for the 9.5, 10.7 and 12 meters, while the 18 meters version can include up to 9 packs. The intelligent distribution of packs, some on the roof and others in the rear compartment, ensures optimal weight distribution and makes the most of the available space. The innovative NMC technology and the unique layout of the E-Way allow to deliver high installed capacity, maximum energy density and a braking system with compact dimensions. Thus, the overall height of the vehicle remains below 3300 mm, allowing the E-Way to pass under small bridges and small tunnels.



Overview of the range

	9.5 m	10.7 m	12 m	18 m
Length x Width	9.5 x 2.33	10.7 x 2.33	12.0 x 2.55	18.0 x 2.55
New Driveline	Max Power 310 kW Max Torque 3000 Nm	Max Power 310 kW Max Torque 3000 Nm	Max Power 310 kW Max Torque 3000 Nm	Max Power 490 kW Max Torque 4000 Nm
Battery packs	5 packs 346 kWh	5 packs 346 kWh 6 packs 416 kWh	5 packs 346 kWh 6 packs 416 kWh 7 packs 485 kWh	5 packs 346 kWh 6 packs 416 kWh 7 packs 485 kWh 8 packs 554 kWh 9 packs 624 kWh
Overnight Charging	•	•	•	•
Pantograph			•	•
Fleet management	•	•	•	•
Proactive maintenance	•	•	•	•
Configuration	STD	STD	STD / BRT	STD / BRT

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