

RENAULT MASTER CITYBUS & SHUTTLE E-TECH ELECTRIC



Renault expertise

Renault Master Citybus and Renault Master Shuttle E-Tech electric: two reliable and accessible solutions, designed and manufactured in France by the European leader in electric mobility. With their latest-generation Renault drive train and battery, the convertor companion system, and 16 advanced driver-assistance systems, they combine performance and safety. Based on the specific design and proven technology of the Renault Master, they are distinguished by an integral low floor that is unique on the market, guaranteeing accessibility and comfort for all.



Benefit from after-sales monitoring close to home in the Pro+ network and its 650 maintenance points in Europe.

Master Citybus 22 passengers	Master Shuttle 14 passengers	200 to 350 km driving range
integral low floor	Pro+ after-sales service	fast charging up to 130 kW

interactive menu

01. practical

02. accessibility

03. configuration

04. passenger space

05. driver's cab

06. E-Tech electric

**07. advanced driver-assistance
systems**

08. equipment & services

robust and practical

With its modern exterior design and short wheelbase, Renault Master Citybus & Shuttle E-Tech electric combines maneuverability and generosity. On board, passengers enjoy a light and airy space thanks to a 10 m² glazed area, reinforced thermal insulation partitions and heat-resistant safety glass, ensuring optimum comfort. The twin metro-style bus door facilitate upward and downward flow, for optimum accessibility in all situations.



The 170 mm ground clearance combined with air suspension, ensures optimum peace of mind when negotiating speed bumps or uneven road surfaces.



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02. accessibility

easy
to access

Integral low floor, pneumatic suspension with kneeling system facilitate safe on-board access. More comfort also for standing passengers with a ceiling height of 2 meters.



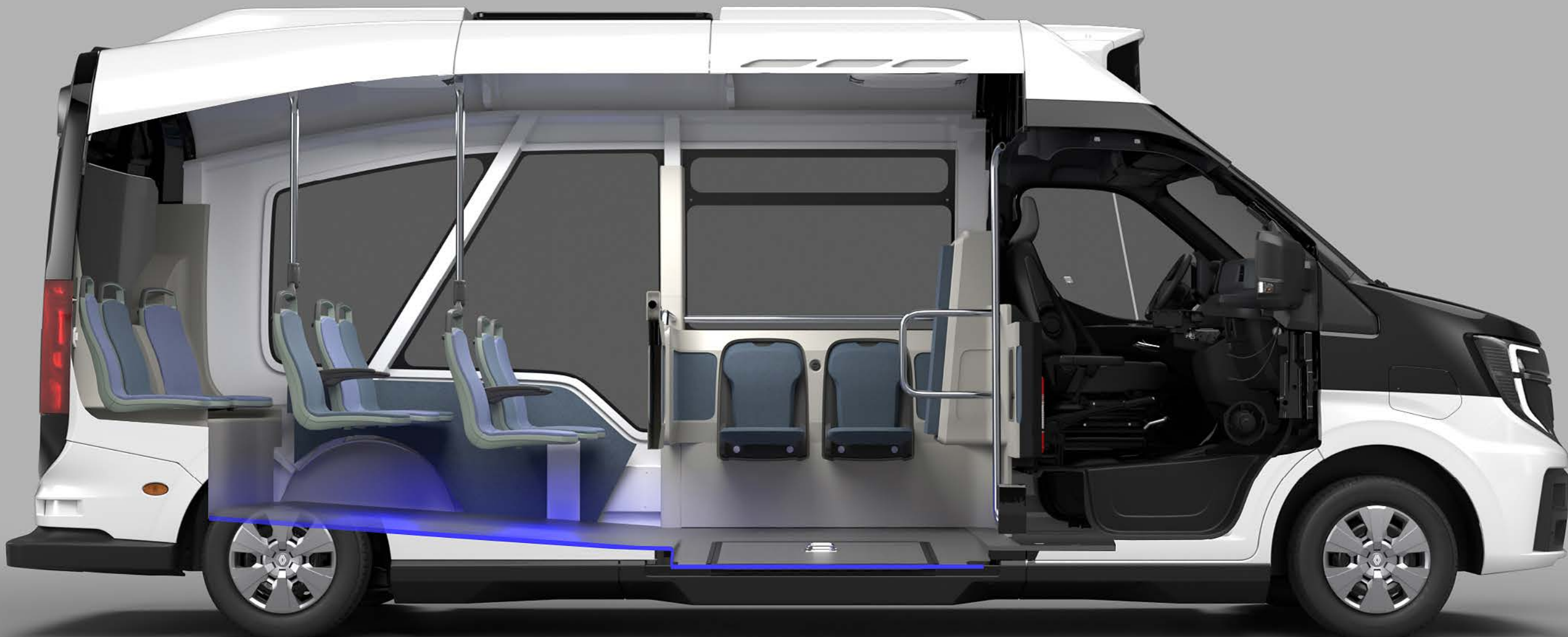
On the Renault Master Shuttle version, the low floor, unique on the market, with an access height of 25 cm from the ground, makes it easier to get in and move around on board.



integral low floor



Renault Master Shuttle version M2 category, class B



Renault Master Citybus version M2 category, class A

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Master Citybus & Master Shuttle

Renault Master Citybus is specifically designed for urban and suburban mobility with a capacity of up to 22 passengers. It perfectly meets the needs of urban public transport.

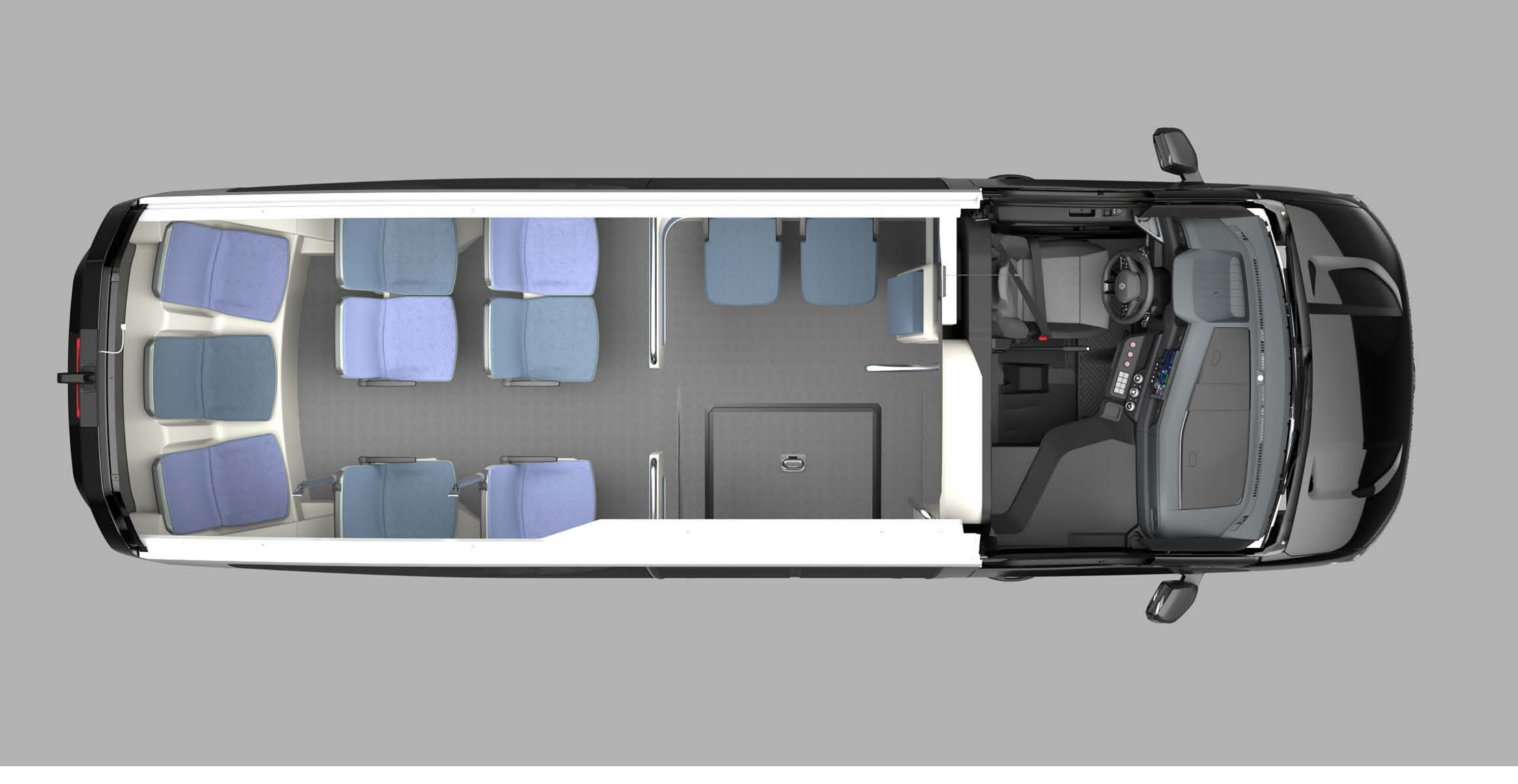


9 fixed
passenger seats

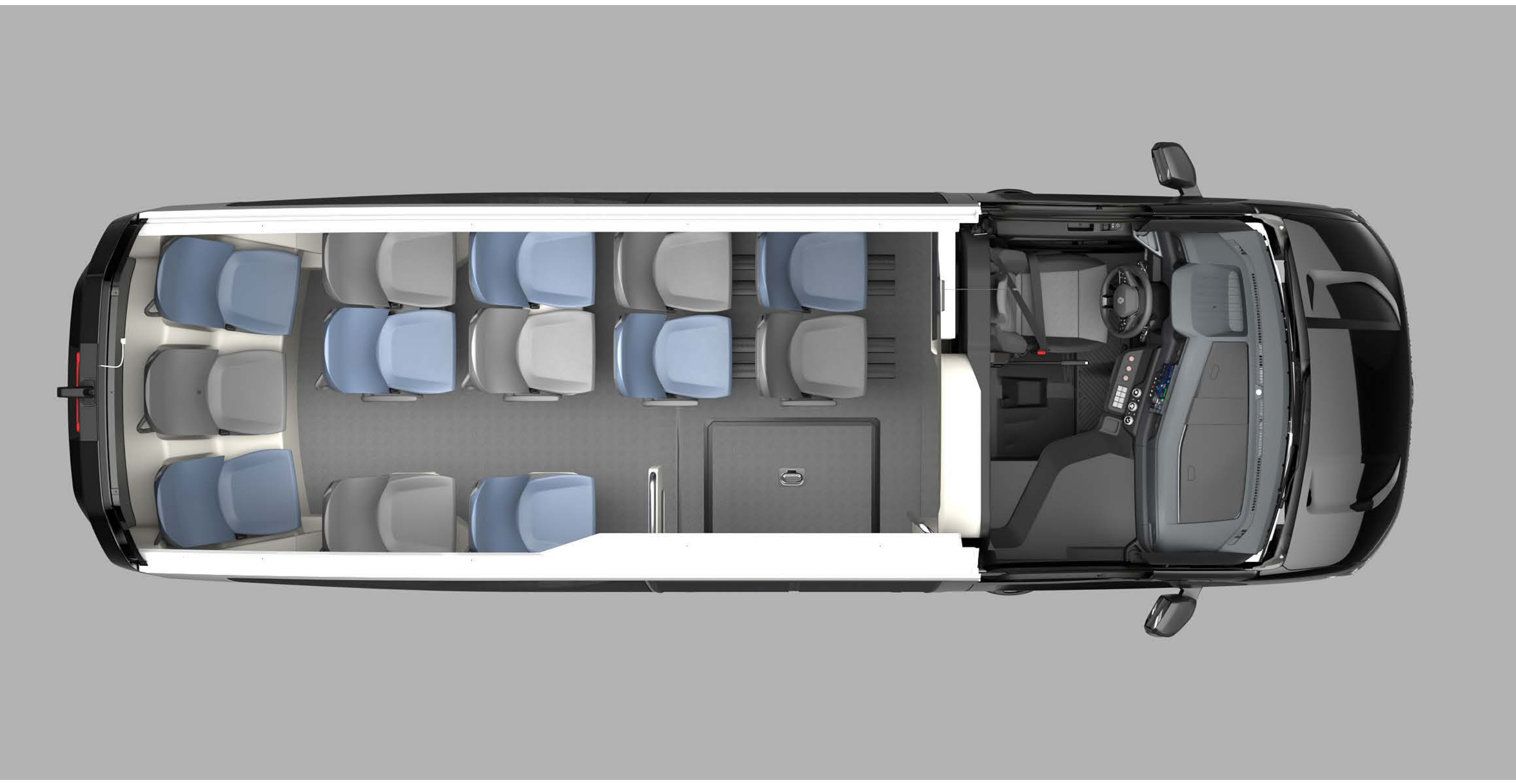
1 wheelchair
space

2 foldaway
seats

cantilever anchorage for
seats and grab hand poles



Renault Master Shuttle is a highly versatile vehicle, at home on any type of journey, whether in the city, the suburbs or rural areas. Up to 14 seats equipped with seatbelts, an ideal configuration especially for on-demand transportation.



9 or 10 fixed
passenger seats

+ 4 removable seats
or 1 wheelchair space

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passenger comfort

A passenger space with optimized thermal comfort in all seasons thanks to an independent heating and air conditioning system consisting of 2 low-consumption heat pumps.



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innovative driver experience

A grab handle, adjustable steering wheel, suspended seat and independent electric heating and air-conditioning system all ensure driver comfort. The convertor companion technology provides control of bus functions from the main 10" screen. Radar and rear view camera make maneuvering safe.



Convertor companion groups together the control functions on the central screen in an intuitive and easy way. Control of thermal comfort, lighting, and USB sockets. Monitoring of electrical door and ramp information, configuration of pneumatic suspensions, and management of passenger alerts.



With the My Renault app, you can check the available battery life in real time, program and manage remote charging, and check the passenger compartment temperature.



find out more at [renault.com](https://www.renault.com) →

electric efficiency

Controlled driving range, easy charging and zero CO₂ emissions, allowing the city and its suburbs to breathe. From thermal insulation to vehicle weight reduction through to optimized aerodynamics, regenerative braking and battery temperature management, everything has been designed to minimize energy consumption.



Driving range is easily preserved thanks to our technologies.

driving range

Maintained during winter thanks to battery preconditioning during charging.

eco mode

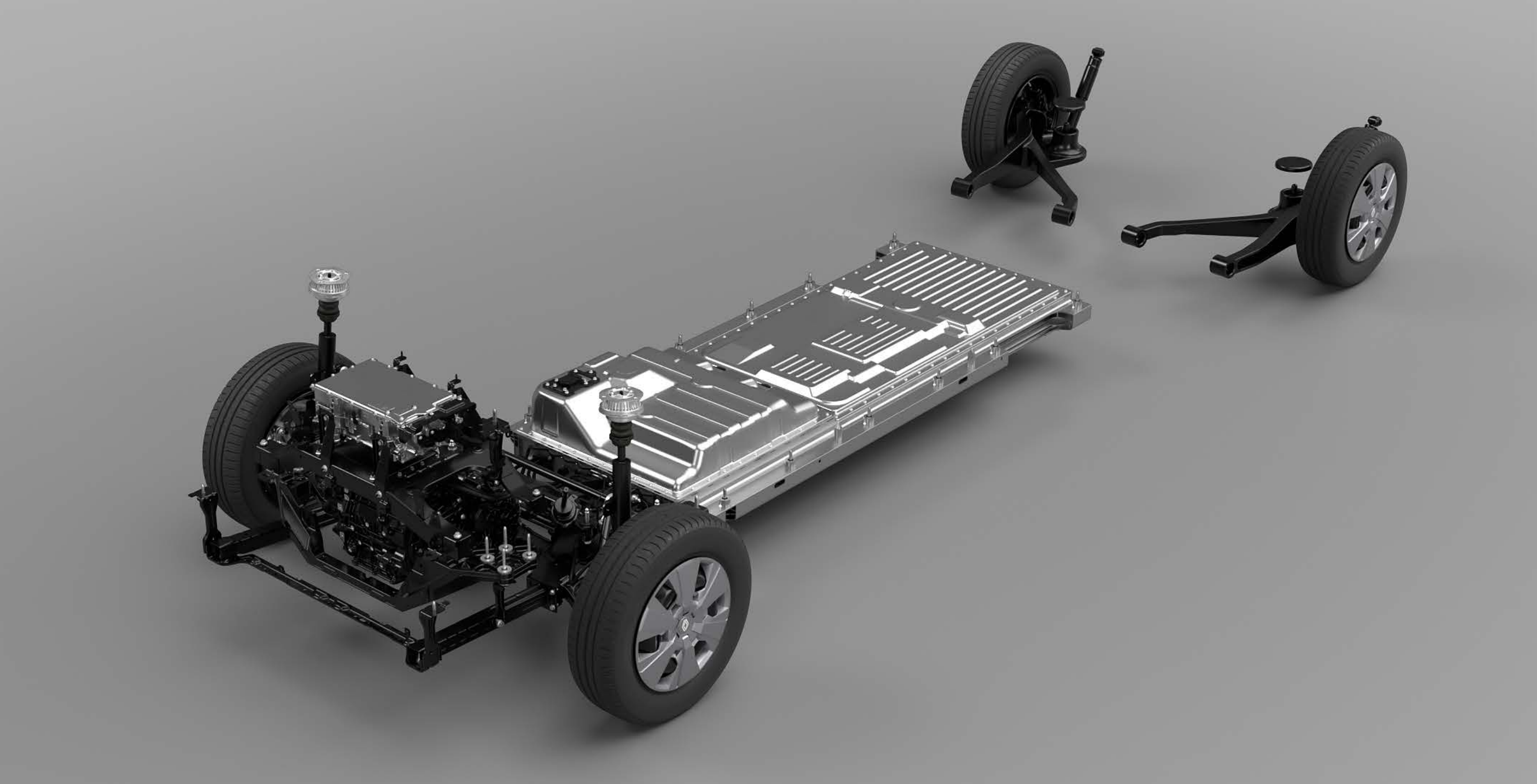
Reduces power by 30% to reduce energy consumption.

regenerative braking

Reinforced up to 95 kW.

optimized efficiency

The latest generation drive train.



driving range⁽¹⁾

- **Renault Master Citybus E-Tech** 200 to 300 km
- **Renault Master Shuttle E-Tech** 250 to 350 km

battery 87 kWh
usable energy

Equipped with a battery thermal management system, it automatically regulates the battery temperature and ensures that the passenger compartment remains at a comfortable temperature regardless of the weather conditions outside.

11 kW charger
on-board

Charge the battery easily with the 11 kW on-board charger AC.

fast charge
up to 130 kW⁽²⁾

Charge the battery quickly via an external charging terminal from 22 to 130 kW DC.

	AC charging 3,7 to 11 kW		DC charging 22 to 130 kW
charging type	reinforced socket	charging station	manual fast charging station
charging cable	mode 2 - 10/14A M2CAO cable	mode 3 - 32A 3-phase 6.5 m cable	mode 4 attached to station
charging time	3,7 kW → 24 h	11 kW → 8 h	22 to 130 kW DC 15 to 80% → 40 min

(1) simulated according to driving cycles and weather conditions. (2) available as an option.

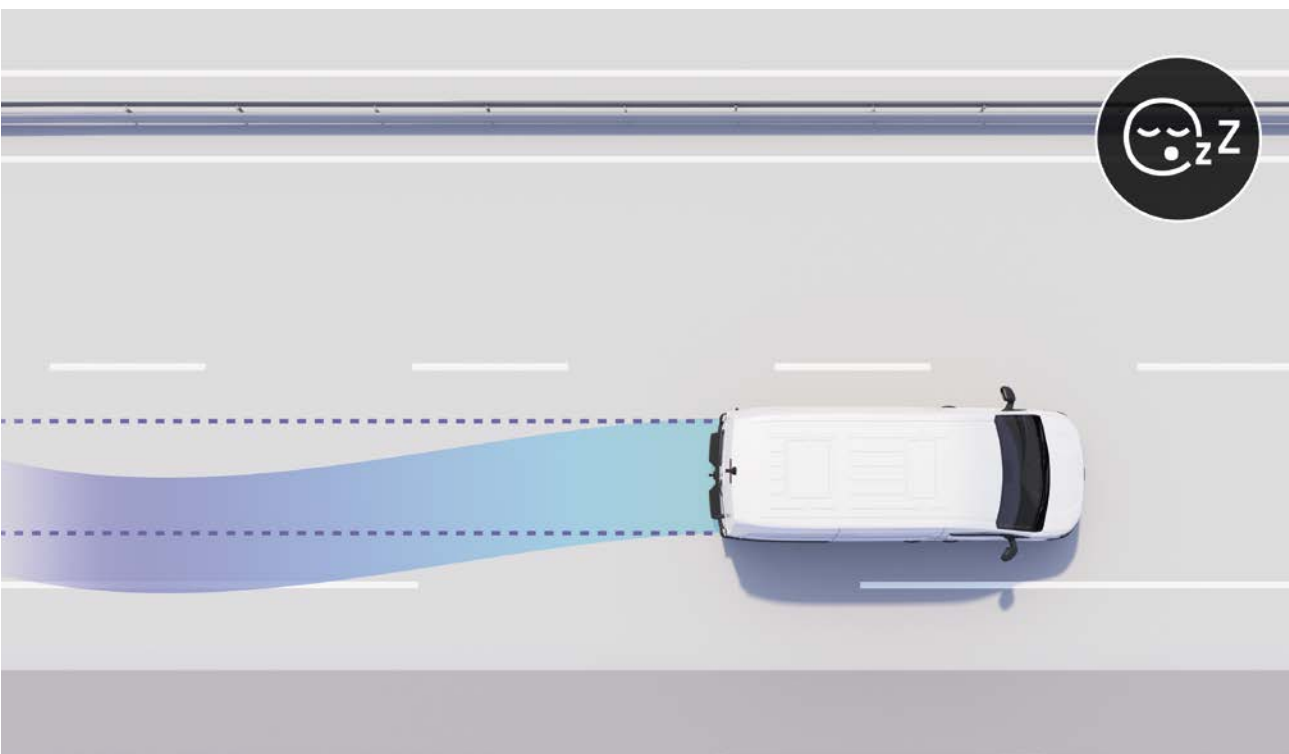
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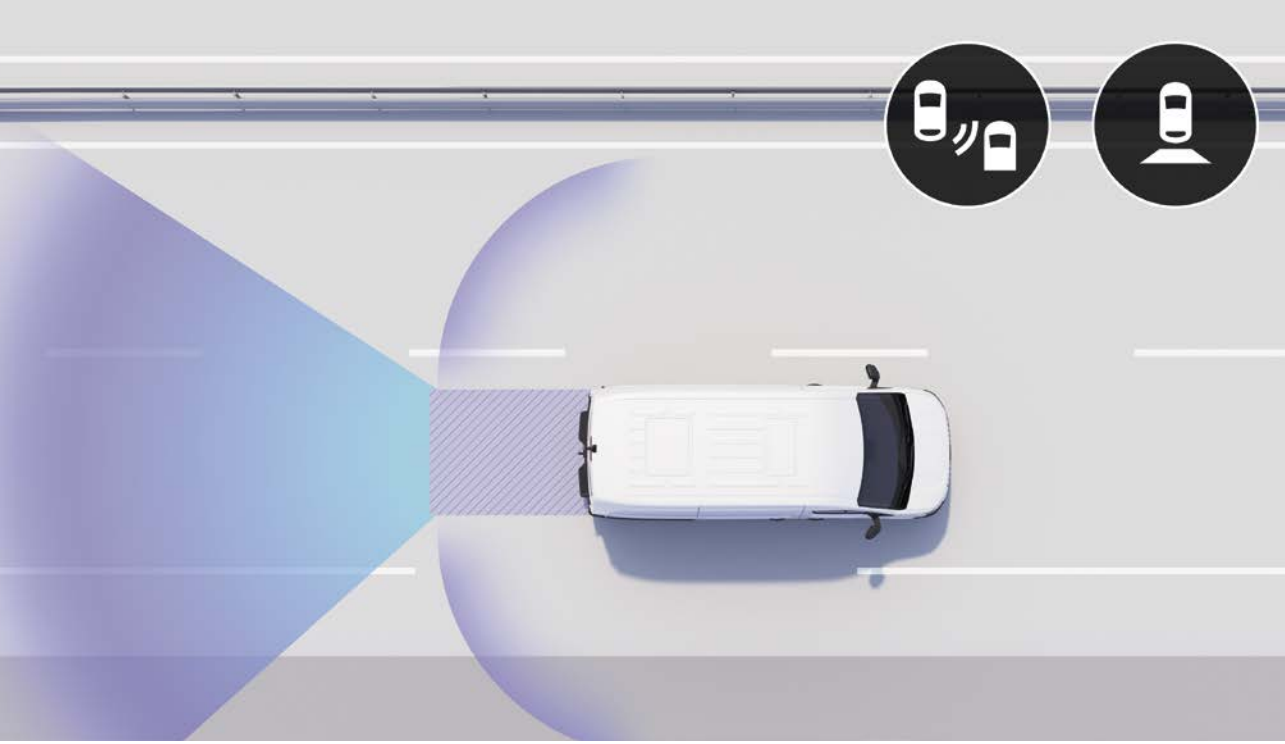
16 advanced driver-assistance systems



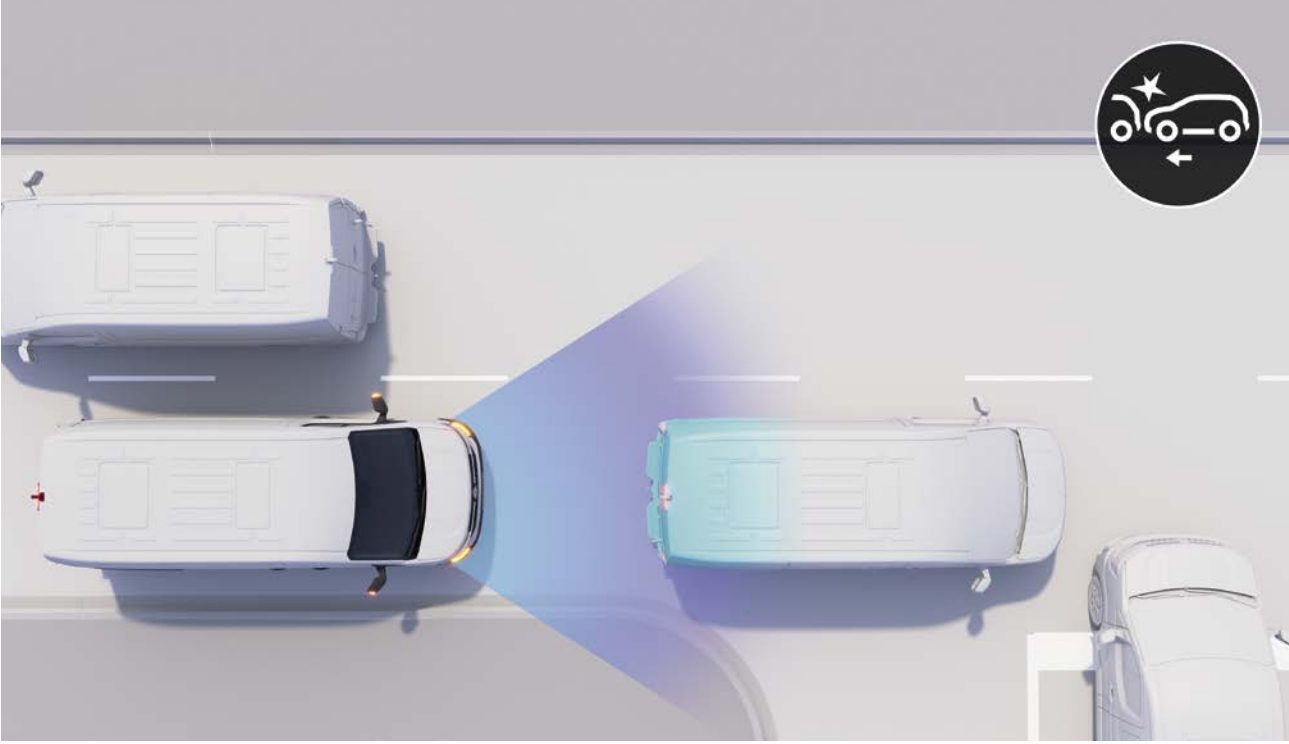
hill start assist
Maintains brake pressure automatically for 2 seconds to give you time to lift your foot from the brake pedal and press the accelerator. The system activates when the slope exceeds 3% and remains active up to 25%.



driver fatigue detection system
For a more reassuring driving experience, this system analyses the driver's behaviour and recommends a break if necessary via a visual and audible message on the dashboard.



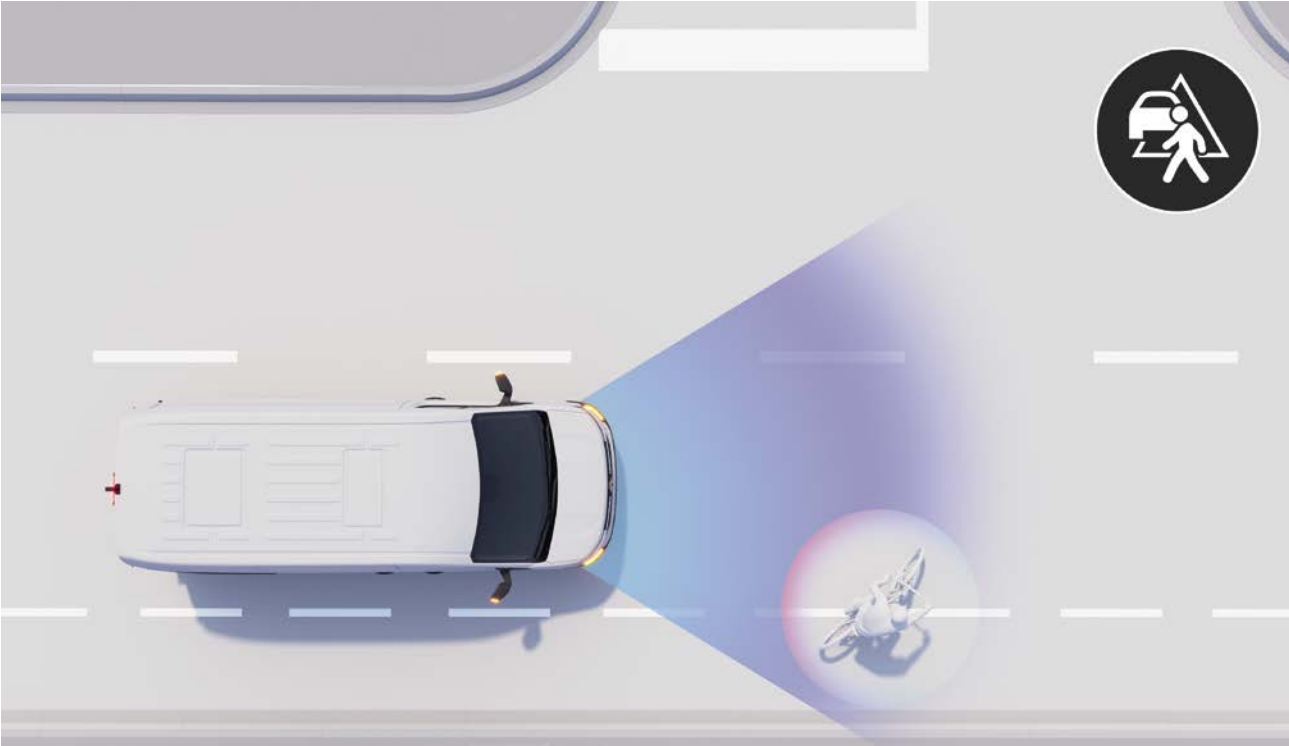
permanent rear view
Via a digital screen – instead of the interior rear-view mirror – you can view what the camera installed at the rear of your vehicle captures.



automatic emergency braking system
Prevents or mitigates collisions in town or on motorways both day and night (pedestrians, cyclists or cars). The sensor detects collision risks. If you fail to react or if you do not react quickly enough, the system is triggered and the vehicle brakes.



proximity sensor
Monitors and reacts to prevent collisions with vehicles, objects and other obstacles near the bus. This system helps you better manage your environment.



lateral detection of cyclists and pedestrians
Using a sensor, this system detects pedestrians and cyclists approaching from the front or side, and prompts the driver to brake if there is a risk of collision. The system brakes harder if it detects that the driver has reacted too slowly, and can bring the vehicle to a complete stop if necessary.

driver-assistance systems

- hill start assist
- cruise control and speed limiter
- automatic main/dipped beam headlight activation
- blind spot warning
- lane keeping assist
- side wind assist
- lane departure warning
- automatic overspeed alert via traffic sign
- parking sensors

park assist systems

- rearview camera
- rear parking sensor
- permanent rear view
- proximity radar

safety assistance systems

- automatic emergency braking system
- automatic emergency braking with pedestrian/cyclist detection
- ESP

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08. equipment & services

equipment

standard

frame

- cataphoretic-coated tubular steel frame underbody
- lightweight walls (without metal frame) made of composite panels with reinforced thermal insulation
- traction battery pack integrated under the floor (low center of gravity)
- front and rear air suspension with kneeling system
- independent rear wheels
- front, rear and side impact absorbers
- low floor throughout (no steps in the passenger saloon)
- 3-part rear bumper, removable side skirts
- manual ramp
- driver's door and twin metro-style bus door
- cantilever-mounted seats
- large glass area (10m²)
- heat-resistant polycarbonate or glass windows
- electric sunroof

electric drive train, battery and charger

- latest generation Renault powertrain 105 kW/300 Nm
- latest generation Renault Li-Ion NMC battery with 87 kWh usable capacity and water-based heat management system
- fireman access + SD Switch + QRescue
- on-board 11kW AC charger, fast charging compatibility up to 130 kW DC
- brake energy recovery up to 95 kW

optional

passenger thermal comfort

- electric heating and air conditioning system for passengers (heat pumps)
- additional HVO "extreme cold" heating
- double glazing with tinted glass

interior design and customization

- customizable colors (seat covers, flooring, grab hand poles, interior and exterior paintwork or corporate covering)
- 10th fixed seat in class A, 14th fixed seat in class B (without CAD/AVL box)
- full glass partition separating driver and passengers areas
- electric wheelchair ramp
- Wi-Fi for passengers
- breathalyzer

operational assistance and passenger computer aided dispatched and automated vehicle location (CAD/AVL)

- CAD/AVL predispositions
- front, side and rear routing signs
- private video surveillance system (CCTV)
- passenger counting system
- ticketing system
- TFT passenger information screen
- illuminated interior display
- interior and exterior loudspeakers
- FMS plug

safety & driver's cab

- radar and rear-view camera
- bus controls integrated into the main screen (Convertor Companion system)
- openR link pack, "Hey Google", My Renault
- 4 emergency exits
- CAD/AVL 320 L or 135 L box (if the additional passenger seat option is selected)
- suspension technology driver's seat
- height- and depth-adjustable steering wheel
- tachograph (Shuttle)

thermal comfort

- independent front air conditioning and heating
- front/rear forced ventilation linked to the driver's cab air conditioning/heating system
- air diffusers integrated into the ceiling

after-sales service and warranties

- My Renault connected service
- after-sales service within the Renault Pro+ network (special toolkit)
- 24/7 digital after-sales service platform
- components accessible via maintenance hatches, roof panels and removable interior channels
- 8-year/160,000 km battery warranty
- 10-year anti-corrosion warranty
- 2-year warranty on other components

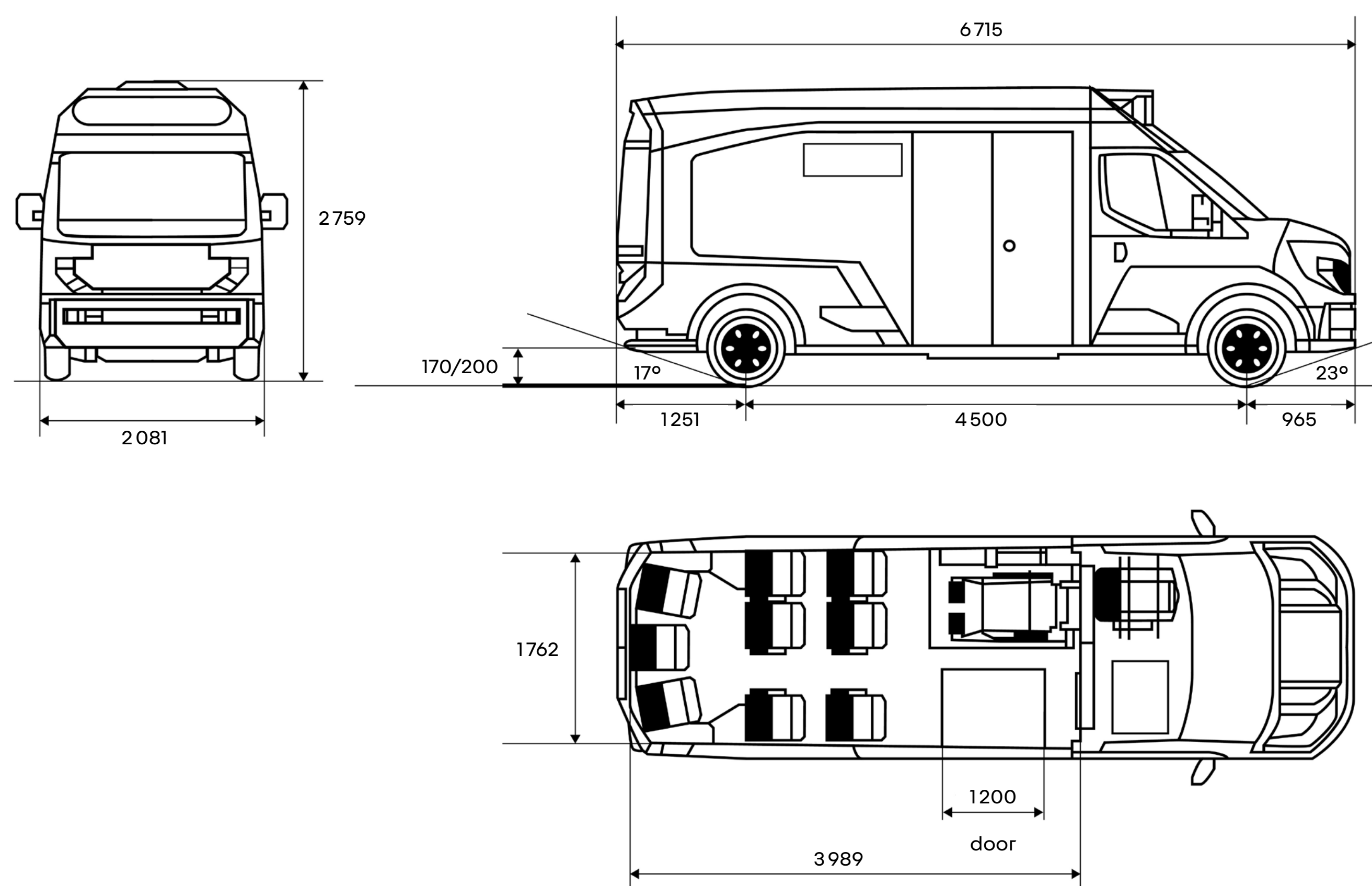
charging systems with mobilize

- 11 kW AC charging stations
- DC fast charging stations up to 130 kW (type 2)

maintenance and warranties

- preventive maintenance contract
- full service maintenance contract
- 1-, 2- or 3-year vehicle warranty extensions
- battery warranty extension

dimensions and volumes



main specifications (mm)		drive train / weight / performance	
overall length	6,715	type	traction
width with / without wing mirrors	2,466 / 2,081	electric engine	Renault
overall height	2,759	engine max power (kW) / max engine torque (N.m)	105 / 300
front overhang	965	battery capacity (kW/h useful)	87
wheelbase	4,500	traction battery voltage (V max)	400
rear overhang	1,251	on-board charger (kW max)	11
wheelchair area interior headroom	2,007	off-board-charger (kW max)	130
turning radius between walls	8.18	gross vehicle weight (GVW) Shuttle / Citybus (T)	4 / 5
turning radius between kerbs	7.80	range depending on driving cycle and weather conditions (km)	200 to 350
full air suspension front / rear (lift and kneeling)	+30 -90	max speed Citybus / Shuttle (km/h)	70 / 90

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services dedicated to business customers in Pro+ centers

**With its vast Pro+ network⁽¹⁾,
Renault offers its business
customers innovative solutions
in terms of products and services
that are adapted to their needs.**

digital after-sales service platform

The digital management of all service and spare parts allows the customer to follow the progress of their request directly. Everything is in place to ensure good responsiveness and customer satisfaction.

online monitoring of maintenance services

Thanks to the connected maintenance service, you will be notified when the scheduled maintenance of your vehicle is due and proactively alerted when it requires a workshop visit. You can also check the health of your vehicle in real time in your customer area. Renault has also developed systems for predicting the wear of parts. This way, the customer is kept informed of the condition of their vehicle's brakes or battery, and is prompted to replace them if necessary.

Renault warranty

Renault Master Citybus & Shuttle E-Tech electric benefit from all the usual Renault warranties, as well as additional warranties specific to the bus conversion. Contact our sales team for more details.

vehicle documentation accessible 24/7

All the technical and commercial documentation of the Renault Master Citybus & Shuttle E-Tech electric can be accessed at any time, 24/7, via our digital after-sales service platform.

(1) the maintenance of the bus conversion parts is only possible on workshops certified by Renault Vehicle Innovation.



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