



RENAULT RENEWS ITS ALL-ELECTRIC LCV RANGE WITH ALL-NEW KANGOO VAN E-TECH AND NEW MASTER E-TECH 52 KWH

- With a range of 300km¹, the All-New Renault Kangoo Van E-TECH is now more than ever a van that meets the every-day needs of professional customers.
- The New Master E-TECH Electric 52 kWh even more versatile than before with 15 versions and a range of 200km¹.
- These two latest models mark the start of a whole new all-electric LCV range without compromise.





Now 36 years after the first all-electric Master prototype and 10 years after the first public sale of the all-electric Kangoo Z.E, with more than 70,000 units sold since, Renault has established itself as a world pioneer and European leader in electric vehicles.

Renault is renewing its all-electric LCV range, starting with the All-new Kangoo Van E-TECH Electric and the New 52 kWh Master E-TECH Electric for even more flexibility and freedom without compromise.

ALL THE STRENGTHS AND INNOVATION OF THE KANGOO VAN IN AN ALL-ELECTRIC VEHICLE

The All-new Kangoo Van E-TECH Electric draws on the legacy of its ICE predecessor, the same van that won 'International Van of the year 2022'.

In placing the battery under the floor panel, the van's cargo capacity remains unaltered with up to 3.9m³ of storage volume in L1 version (4.9m³ in the long format model, to be released later), 600kg of payload (800kg in long format model²), and 500kg of towing capacity.

Other carry-over features include the ingenious and unique 'Open Sesame by Renault' with the largest side opening on the market at 1.45m, the innovative 'Easy Inside Rack' retractable interior gallery, the three front seats with fold-down centre backrest to create a mobile office, and the nearly 60 litres of cab storage compartments including the 'Renault Easy Life' drawer.

Just over 10 years ago, Kangoo earned its first title for 'International Van of the Year' with the very first all-electric version. This past decade of experience and intensive use by professional users has enabled Renault to hold on to its position as leader in electric LCVs and is why it is well placed today to offer an all-new Electric Kangoo with the best range on the market.

Thanks to its new 45kWh lithium-ion battery, composed of 8 independent and easily repairable modules, the All-New Kangoo Van E-TECH Electric boasts a range of up to 300km in WLTP cycle. As such, mini-van divers have peace of mind when going about a full day of work trips, for an unbeatable cost to own and run.

Available on the versions with a 22 kW charger, the battery has a liquid cooling system and an electrical resistance allowing use in the right temperature zone, and thus maintaining its autonomy and reducing the charging time.

The batteries are guaranteed for 8 years or 160,000 km. During this interval, they are replaced free of charge if their capacity degrades to less than 70% of their nominal value (SoH).

The All-New Kangoo Van E-TECH Electric comes equipped with a 90kW motor boasting 245Nm of instant torque for a smooth and stress-free driving experience in all circumstances. The Eco mode that caps the vehicle's power output and top speed helps optimize the overall range and is best used when carrying a light load.

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The driver can choose between three regenerative braking regimes:

- Sailing (display light B1): limited regenerative mode, suitable for driving on motorways and fast lanes
- Drive (B2): default regenerative mode for versatile use that has an ICE motor feel when taking the foot of the accelerator
- Brake (B3): maximum regenerative mode for use in traffic jams and on mountain roads.

On the All-New Kangoo Van E-TECH Electric, conventional hydraulic braking is assisted by an ARB system (Adaptive Regenerative Brake System), which maximizes the amount of recovered energy regardless of the selected braking regime.

The range of drive mode / braking regime combinations means drivers can choose between six different driving styles for optimal comfort and range according to their specific vehicle use and traffic conditions.

Information pertaining to the selected driving mode, electric power management, and ADAS are displayed on a fully customizable, optional, 10-inch, colour, digital instrument panel.

To guarantee the best range in all seasons, New Kangoo Van E-Tech Electric has regulated air conditioning with a heat pump. This enables heating in winter and cooling in summer by operating on the principle of reversible air conditioning. The heating supplies the passenger compartment with the calories recovered from outside, while the air conditioning extracts the calories from the passenger compartment to discharge them outside the vehicle.

The heat pump provides optimal performance when the temperature is between -15 and +15°C. In addition to providing first-rate thermal comfort, it preserves autonomy. This feature allows you to preserve up to 85 km of WLTP autonomy in addition!

Lastly, the All-New Kangoo Van E-TECH Electric features a heated windscreen², front seats, and steering wheel² as optional extras. These features provide even more thermal comfort, while having little impact on the battery.

To recharge the battery, the All-New Kangoo Van E-TECH Electric offers a choice of three charger types:

- As standard, two types of on-board chargers are offered:
 - A three-phase 11 kW charger, suitable for all types of domestic charging
 - A 22 kW three-phase charger, for accelerated charging at public terminals.
- As an option on the 22 kW charger, an 80 kW DC fast charger (direct current) to recover 170 km of autonomy (WLTP cycle) in 30 minutes

The All-New Kangoo Van E-TECH Electric battery takes 2h40 to go from 15% to 80% charge when plugged into an 11kW Wallbox and less than 6 hours on a 7.4kW Wallbox.



Lastly, thanks to the MyRenault smartphone app or Renault Easy Link multimedia system, the All-new Kangoo Van E-TECH Electric features a specific set of connected services, such as:

- battery charge scheduling with remote charge status monitoring
- passenger compartment pre-heating/pre-cooling
- detection of en route recharge points
- calculation of accessible destinations with remaining battery charge

MAUBEUGE, CENTRE OF EXCELLENCE AT THE HEART OF THE ELECTRICITY

Since 2011, the Renault factory in Maubeuge, located in Hauts-de-France, has been making Kangoo vehicles for customers around world.

Along with the Douai and Ruitz facilities, the factory forms the heart of the brand-new ElectriCity hub, Europe's largest and most competitive EV production centre, through which Renault plans to produce 400,000 electric vehicles per year by 2025.

In an effort to industrialise production of the private and commercial versions of the All-New Kangoo, as well as vehicles from partner brands Mercedes and Nissan, and to guarantee the highest-quality production possible.

Renault has invested €450 million in the factory and installed a new battery assembly workshop.

The electric motor and charging units for the All-New Kangoo Van E-TECH Electric are all manufactured at Renault's Cleon factory in Normandy.

THE SPACE AND EFFICIENCY OF A MASTER IN AN ALL-ELECTRIC MODEL BUT NOW WITH GREATER RANGE

Renault's large electric van, the All-New Master Van E-TECH Electric 52 kWh has been given a brand new 52 kWh battery thereby increasing its coverage with a WLTP range of up to 200km.

Just as with the All-New Kangoo Van E-TECH Electric, conventional hydraulic braking is assisted by an ARB system (Adaptive Regenerative Brake System), which maximizes the amount of recovered energy regardless of the selected braking regime.

The van's Eco mode – limiting the maximum power and speed – paired with low resistance tires ensure maximum range and maximum driving comfort.

There are two types of charging solutions for the van's battery:

- A single-phase 7.4 kW AC charger, suitable for all types of domestic charging.
- A 22 kW DC charger for accelerated charging at public charging stations, allowing you to recover 50 km of range (WLTP cycle) in 45 minutes.



The All-new Master Van E-TECH Electric 52kWh battery takes 5 hours to reach 80% charge when plugged into an 7,4 kW Wallbox, and 10 hours on a 3.7kW domestic.

The All-new 52kWh Master E-TECH Electric is features the energy efficient electric motor with a power of 57 kW (76 HP equivalent). The is ideal for driving on both urban and peri-urban roads with great flexibility.

The All-new 52kWh Master Van E-TECH Electric will be available in 15 versions (instead of the original six), with a choice of three different lengths and three different heights, available in 3.1t and 3.5t when orders open and later in 3.8t. The four van versions offer a cargo volume of 8 to 15m³. The two 'cab-floor' versions come in either L2 or L3 and are ideal bases for, flatbed, dump or large volume conversions that can carry up to 20m³.

The full-electric version boasts the same cargo space as its ICE counterpart with one of the largest storage volumes in its category.

The All-new 52 kWh Master Van E-TECH Electric also inherits all the innovative cockpit features from the ICE version:

- 'Easy Life' shelf located above the glove box that opens up with a simple push providing:
 - An additional workspace
 - A lunch break area equipped with a large central cup-holder
- A large 10.5L 'Easy Life' drawer for easy access
- Induction smart phone charger
- A digital tablet docking station in the centre section of the dashboard
- R-link Evolution infotainment system

Equipped with Lane Departure Warning, Rear Parking Assistance, and Reversing Camera, the All-new 52 kWh Master Van E-TECH Electric has the latest in ADAS:

- Front Park Assist²
- Rear Park Assist²
- Rear Camera
- Rear View Assist with a camera display on the upper section of the windscreen providing an optimal mid and long-range rear view
- Side Wind Assist (standard) that activates above 70km/h and corrects of up to 50% of the vehicle's lateral deviation in extreme driving conditions
- Automatic Lights and Wipers (standard)
- Active Emergency Braking System (AEBS), active on city roads and highways.
- Lane Departure Warning²

MADE IN BATILLY, FRANCE

Ever since 1980, the Master has been made out of Renault's Sovab factory in Batilly.

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It has nearly 2,700 employees and accounts for nearly 5,000 indirect jobs in the local economy. 84% of the factory's suppliers are based in France.

Made in Renault's factories in Batilly (France) and in Curitiba (Brazil) since 2009, the Renault Master is market leader in France, Poland, Slovenia, Croatia, Brazil, and Morocco.

The electric motor and charging units for the All-new 52kWh Master Van E-TECH Electric are all made at Renault's Cleon factory in Normandy (France). The battery is assembled at the Flins plant and the electrification of the vehicle is carried out at the Gretz-Armainvilliers site.

A SERVICE THAT COVERS EVERY NEED WITH MOBILIZE

Mobilize, the Renault Group brand dedicated to new forms of mobility, offers a wide range of vehicle-related services thanks to an integrated technological platform: financing, insurance, payments, energy, maintenance and reconditioning.

For last-mile delivery operators and professionals, Mobilize services will also be offered around Kangoo E-Tech Electric and Master E-Tech Electric, with particular emphasis on charging and optimizing fleet management thanks to the data:

- **Financial Services:** Mobilize Financial Services offers financing, insurance and payment solutions tailored to each customer's use.
- **Energy:** installation of charging stations by Mobilize Power Solutions, access to a network of 260,000 charging stations in Europe, including 1,600 Ionity fast charging stations, with Mobilize Charge Pass/Mobilize Business Pass, smart charging with Mobilize Smart Charge, and the Battery Certificate for the resale of vehicles.
- **Mobilize Fleet Monitoring,** professional solutions to easily monitor, manage and optimize fleet management:
 - Mobilize Fleet Data provides easy, real-time access to raw vehicle data such as mileage, maintenance and operation alerts, range for electric vehicles, geolocation as well as driving information, such as current consumption, fuel or energy.
 - Mobilize Fleet Connect allows simplified and intelligent management of data related to vehicles, their financing and use by offering a complete management system that analyzes the information reported and advises fleet managers to help them anticipate costs and vehicle fixed assets for periodic maintenance, contract management and reduction of energy consumption and CO2 emissions. Upstream, this service allows optimized planning of mobility within the company, guaranteeing both professional efficiency and cost control.



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ABOUT RENAULT

For more than a century, Renault has been designing, making, and selling LCVs that meet the demands of professional clients around the world.

Express, Kangoo, Trafic, and Master: iconic vehicles that are recognised around the world for the innovative ways in which they improve the daily lives of their users.

As a European leader for more than a decade on numerous markets (ICE and EV), Renault Pro+ offers customised and smart sustainable mobility solutions through a unique combination of solutions, services and financing offers that simplify and boost business for professional customers. It brings together innovative digital solutions with a panel of approved body makers and a network of commercial vehicle experts located in more than 600 Renault Pro+ centres in over 30 countries.

1: maximum autonomy observed in WLTP cycle

2: available later

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