

GROUPE RENAULT INTRODUCES HYDROGEN INTO ITS LIGHT COMMERCIAL VEHICLES RANGE

- **Groupe Renault, with its experience in light commercial vehicles and as a pioneer and leader in electric light commercial vehicles in Europe, completes its offer with Renault KANGOO Z.E. Hydrogen at the end of 2019 and Renault MASTER Z.E. Hydrogen in 2020.**
- **The hydrogen fuel cell provides the additional energy for up to 3 times more range than 100% electric vehicles with a charging time of only 5 to 10 minutes.**
- **Hydrogen is arriving at Renault as a complementary solution to its electric and hybrid strategy, to offer professionals a new solution for access to city centers, by removing the brake on autonomy for certain uses.**

Boulogne-Billancourt, 22 October 2019 - Renault extends the use of its electric light commercial vehicles with hydrogen. Tested since 2014, Groupe Renault's hydrogen technology was developed in partnership with Symbio, a Groupe Michelin subsidiary. The vehicles are equipped with a range extender fuel cell providing electric and thermal power of 10 kW, increasing the range of Renault MASTER Z.E. Hydrogen and Renault KANGOO Z.E. Hydrogen to over 350 km. Another advantage of hydrogen is that charging takes just five to ten minutes. Hydrogen responds to the requirements of professionals not yet to be fulfilled by electric vehicles, notably for their long-distance travel needs.

Expected in first-half 2020, Renault MASTER Z.E. Hydrogen will triple the range from 120 km to 350* km and will be available in van (two versions) and chassis cab (two versions). Equipped with two hydrogen tanks located under the car body, the vehicle will gain in versatility with no compromises on the load volume from 10,8 m³ to 20 m³ with a reasonable additional weight of 200 kg.

From the end of 2019, Renault KANGOO Z.E. Hydrogen will boast the best real-life range of any electric van on the market at 370* km (vs 230 km WLTP with Kangoo Z.E.). With a load volume of 3.9 m³, despite a reasonable additional weight of 110 kg, this vehicle will be available in France at €48,300 ex. VAT (including the battery purchase and not including ecological bonuses).

“Groupe Renault completes its range of electric light commercial vehicles with the launch of Renault MASTER Z.E. Hydrogen and Renault KANGOO Z.E. Hydrogen. These vehicles provide professionals with all the range they require for their long-distance journeys as well as record charging times. And the advantages do not stop there, as Renault MASTER Z.E. Hydrogen and Renault KANGOO Z.E. Hydrogen can run on decarbonized energy that respects the environment while offering all the comfort of electric driving. **Denis Le Vot, Alliance SVP, Renault-Nissan LCV Business Unit**”

These hydrogen electric vehicles operate with a fuel cell, which combines hydrogen from its tanks with oxygen from the air to produce electricity (to power the electric motor). The first advantage: these vehicles meet the new environmental challenges of urban mobility. In addition, they offer increased autonomy, fast hydrogen recharging (from 5 to 10 minutes) and easy maintenance. These advantages make hydrogen electric light commercial vehicles particularly suitable for the intensive needs and uses of professionals in large urban areas up to the periphery of cities: transport and logistics, urban deliveries and multi-technical services, municipal and local authority services, express and special mail.

Always attentive to the market, Groupe Renault wishes to provide its Renault Pro+ professional customers a complementary tailor-made solution with Renault MASTER Z.E. Hydrogen and Renault KANGOO Z.E. Hydrogen.

* WLTP certification under way

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