

## **RENAULT UNVEILS ELECTRIC KANGOO MAXI Z.E.**

### **AHEAD OF GENEVA SHOW WORLD DEBUT**

- **Kangoo Maxi Z.E., the long wheelbase version of the Kangoo Z.E., is poised to join Renault's range of electric vehicles when it goes on sale at the end of 2011. IRL pricing €21,200 excluding VAT for two-seat and €22,000 for the five-seat crew version (before deduction of the electric vehicle grant of €5,000)**
- **Battery lease cost of €72 excluding VAT per month (15,000km per year/4 years)**
- **The new van will be unveiled at the Geneva Motor Show, and reservations will be opened on <http://www.renault-ze.com> from 1<sup>st</sup> March.**
- **The two-seat version will have a maximum load capacity of 4.6m<sup>3</sup>**
- **The crew version of Kangoo Maxi Z.E seats up to five people with load capacity of 3.6m<sup>3</sup>**

Renault launched its electric vehicle offensive in 2008 with the announcement of its comprehensive, upcoming line-up of four vehicles. The first of these is due to go on sale this autumn, and the brand is today pleased to announce that the original list will now be extended thanks to the availability of a new version of Kangoo Van Z.E. As a result, Renault will have not just one, but two electric vehicles in the small van segment by the end of 2011, enabling business customers to choose the zero-emission vehicle<sup>[1]</sup> that best suits their specific needs.

#### **A versatile two- or five-seat vehicle**

Kangoo Maxi Z.E. is an extended version of Kangoo Z.E. which was unveiled at last year's Hannover Motor Show. The wheelbase has been lengthened by 40cm to obtain an overall length of 4.60 metres, and this modular, versatile electric vehicle will be available in two- and five-seat form.

The first of these two versions essentially targets transport use. Its two front seats are separated from the cargo carrying area by an optional bulkhead. This configuration optimises Kangoo Maxi Z.E.'s carrying capacity and is unprecedented in the small electric van segment:

- A carrying capacity of up to 4.6m<sup>3</sup> (which is 1.1m<sup>3</sup> more than Kangoo Z.E.).
- Maximum load length of up to 2.90 metres.
- Its height of just 1.82 metres permits access to underground car parks.
- The equipment and options that can be ordered for the internal combustion-engined version of Kangoo Maxi will also be available for Kangoo Maxi Z.E.

The five-seats version of Kangoo Van Maxi Z.E. comes with a 60/40-split folding rear benchseat. This modular vehicle can be put into one of four different interior layouts depending on the number of passengers. The rear benchseat folds away into the floor to produce a completely flat deck and free up almost 3.6m<sup>3</sup> of carrying space.

Kangoo Maxi Z.E. will appeal to business customers (fleet owners, trades people, public authorities, etc.) who are looking for maximum carrying capacity, and in the case of the five-seats version, additionally a people carrier and who wish to lower their fleet CO<sub>2</sub> emissions.

Kangoo Maxi Z.E. carries over the same overall interior and exterior styling as the internal combustion-engined version. A choice of nine standard body colours will be available, while customers will also be able to specify the livery of their own company.

<sup>1</sup> During road use, except wear parts.

The model will be built at Renault's MCA plant (Maubeuge Carrosserie Automobile) in France, on the same production lines as those which manufacture the rest of the Kangoo Van range, a pledge of high quality and quick start-up.

### **An all-electric vehicle for 'Z.E.N.' motoring**

The electrically-powered Kangoo Maxi Z.E. is recognisable at first glance thanks to the chrome Z.E. badging at the rear and on the body sides, as well as the absence of an exhaust and the inclusion of a flap at the front which will enable the battery to be charged in between six and eight hours.

The bonnet conceals a 44kW motor (equivalent to 60hp) which is powered by a 22kWh lithium-ion battery located beneath the floor. The vehicle's combined-cycle range of 160km can vary one way or the other depending on factors such as type of road, temperature, terrain or driving style.

To optimise range management, the dashboard has been revised to incorporate a new MMI (Man Machine Interface) which displays the battery's level of charge and the vehicle's remaining range (in kilometers). The Eco-driving mode and the ability to pre-heat the vehicle while the battery is being charged have also been developed to maximise the range. Last but not least, to further optimise range and reassure customers, Renault will market a number of connected services, tailored to meet the needs of individual motorists (Connected Pack) or fleet managers (Fleet Asset Management).

In addition to the satisfaction of contributing to the zero-emission mobility drive<sup>[2]</sup> (zero CO<sub>2</sub> and particulate emissions), driving Kangoo Maxi Z.E. delivers a whole new type of motoring pleasure. Thanks to the availability of peak torque (226Nm) the moment the driver pulls away, plus responsive acceleration at low speeds, a silent ride and the absence of gearshifts, Kangoo Maxi Z.E. combines unprecedented performance and comfort.

### **Maxi carrying ability – mini prices**

Renault has always said that the success of electric vehicles will depend on the availability of truly affordable vehicles. To attract customers, ecology and real economies must go hand in hand. With Kangoo Maxi Z.E., Renault has succeeded in combining maximum carrying capacity with zero emissions<sup>[2]</sup> at an affordable price.

Kangoo Maxi Z.E. will go on sale at the end of 2011 in Europe **at a price of €21,200 for the two-seater version, or €22,000 for the five-seater version**. The €5,000 government subsidy will bring this price down to the equivalent level of that of a diesel Kangoo Maxi.

As is the case for the rest of its electric vehicle range, Renault separates ownership of the vehicle and battery to ensure optimal capacity of the latter throughout the vehicle's working life. Customers will either buy or lease their vans and take out a monthly subscription for the battery, with pre-tax prices starting from €72/month<sup>[3]</sup>.

Meanwhile, running costs – including battery lease, the electricity required for battery charging (€2 average for a full charge – nighttime rate) and maintenance – will be similar to those of an equivalent internal combustion-engined vehicle when the annual distance travelled is less than 15,000km. They will be even more competitive when the annual distance travelled exceeds this figure.

By the end of 2011, the Kangoo Van line-up will offer business customers a unique range, enabling them to choose the solution that matches their needs. The market's most comprehensive and diversified small van range features seven models, a choice of three lengths and three energy types (petrol, diesel or electric) to ensure that Renault Kangoo remains a step ahead of its rivals.

### **KANGOO MAXI Z.E. - TECHNICAL DATA**

Kangoo Maxi Z.E. will be available from launch with a single equipment level. Orders can already be placed online at [www.renault-ze.com](http://www.renault-ze.com).

### **KEY EQUIPMENT (IRL specification subject to change prior to launch)**

<b>DIMENSIONS</b>			
	<b>Kangoo Z.E.</b>	<b>Maxi 2 seats</b>	<b>Maxi 5 seats</b>
Length (mm)	4,213	4,597	
Overall width / including mirrors (mm)	1,829 / 2,133		
unladen height (mm)	1,818		
Wheelbase (mm)	2,697	3,081	
Front track (mm)	1,522		
Rear track (mm)	1,536		
Ground clearance unladen / laden (mm)	186 / 143		
Luggage compartment volume mini/maxi	3 to 3.5 m3	4 to 4.6m3	1,3 to 3.4 m3
Maximum payload (kg)	650		
Number of seats	2	2	5
<b>TECHNICAL DATA</b>			
Engine	Synchronous electric motor with rotor coil		
Power (kW)	44 (60 hp)		
Max speed (rpm)	10 500		
Max. torque (Nm)	226		
Transmission	Direct transmission with a reduction gear		
Batteries	Lithium-ion type		
Battery capacity	22 kWh		
<b>PERFORMANCES</b>			
Range	170 km cycle NEDC		
Top speed (electronically limited) (kph)	130		

160



<sup>2</sup> During road use, except wear parts.

<sup>3</sup> 15,000km/year and a 48-month commitment.