

FIRST INDCAR ELECTRIC BUS

We're talking about the Strada e-City. The minibus is built on the Iveco Daily van chassis. The launch of the prototype took place in November

The first full-electric Indcar model debuts in the range of the Iberian manufacturer. This is the Strada e-City, a battery-powered version of the well-proven Strada minibus. The presentation took place during the Smart Mobility Congress which was held on November 13-15 in Barcelona.

The prototype of the Strada e-City is the result of the RIS3CAT initiative led by the agency for business competitiveness AC-CIÓ. The project saw the collaboration of several companies: Indcar for the bodywork, Millor Battery for the accumulators, Applus Idiada as engineering

and test company, the technological center Eurecat and the Barcelona public transport company TMB.

The vehicle is based on the Iveco Daily van chassis. It is 7.21 meters long and 2.43 meters wide and the access features a sliding door with outward opening.

The front section of the passenger compartment is flat and enables direct access to the

wheelchair space by means of a ramp. The rear area is instead raised and features eight seats plus two more placed under the rear window. The maximum capacity is for 22 passengers.

Traction is entrusted to a 140-kW electric motor powered by 135-kWh NMC lithium batteries, able to support 4,000 charging cycles, equivalent to ten years of life.

"The minibus is designed for intensive urban use, on highly demanding routes," explained Indcar. «For this purpose, it has a range of up to 16 hours in motion, even with the air

conditioning switched on. Focusing on the sustainability of the operation, the vehicle has been designed in order to lower maintenance costs as much as possible. The proof is in its design with modular batteries and rear access ».

The prototype of the Strada e-City is ready for the unladen tests which will be followed by a test period with on-board passengers. ●



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