**1. Introduction to JéGO Zero Carbon**

The JéGO Zero Carbon is an electric vehicle designed to redefine mobility.

**2. Core Features (Short Overview)**

* **Design & Power:** A sleek 5-seat unibody design with a 100 kW motor, providing a 505 km range and a 150 km/h top speed.
* **Efficient Charging:** Capable of fast-charging from 30%-80% in 30 minutes, featuring a 51.5 kWh liquid-cooled battery.
* **Safety First:** Equipped with ABS, ESC, 360° imaging, multiple airbags, and hill-assist systems for comprehensive peace of mind.
* **Smart Tech:** Integrates a 12.8-inch touchscreen, OTA updates, voice control, in-car Wi-Fi, and Bluetooth keyless entry.
* **Eco-Friendly:** Offers Vehicle-to-Load (V2L) capability for external power sharing.
* **Comfort & Style:** Features adjustable PU leather seats, rear air vents, and PM2.5 air filtration.

The JéGO Zero Carbon delivers cutting-edge performance, unmatched safety, and sustainable innovation.

**3. Design & Performance (Detailed)**

* **Sleek Compact Build:** A perfectly balanced 5-door, 5-seat design with a unibody structure, combining elegance and strength.
* **Dynamic Power:** Driven by a high-efficiency 100 kW Permanent Magnet Synchronization Motor, offering up to a 505 km range and a top speed of 150 km/h.
* **Intelligent Drive:** Equipped with an electric power steering system, McPherson independent front suspension, and advanced braking systems for a smooth and safe ride.

**4. Battery & Efficiency**

* **Powerful Longevity:** Features a 51.5 kWh lithium iron phosphate battery, liquid-cooled for optimal performance and safety.
* **Rapid Recharging:** Achieves fast charging from 30%-80% in just 0.5 hours.
* **Smart Energy Recovery:** Includes a built-in energy recovery system for sustainable driving.

**5. Safety & Control**

* **Comprehensive Safety Suite:** Features ABS, ESC, traction control (ASR/TCS/TRC), Brake Assist (EBA/BA/BAS), Vehicle Stability Control (ESC/ESP/DSC), driver/co-driver airbags, front side airbags, front and rear head/side curtain airbags, tire pressure monitoring function (TPMS), seat belt reminder, ISOFIX child seat interface, and low-speed driving warning for peace of mind.
* **Hill-Ready Features:** Hill-start Assist Control (HAC) and Hill Descent Control (HDC) make navigating slopes effortless.
* **360° Awareness:** Includes 360-degree panoramic image and transparent chassis/540-degree imaging, along with rear parking radar and ultrasonic radars for unparalleled visibility.

**6. Technology & Connectivity**

* **Interactive Excellence:** Features a 12.8-inch central control LCD screen, supported by OTA updates, in-car Wi-Fi, and app integration.
* **Voice-Driven Innovation:** Allows control of multimedia, navigation, calls, and air conditioning with natural voice commands.
* **Smart Key Features:** Bluetooth-enabled remote control with keyless entry and start functionality for seamless access.

**7. Interior & Comfort**

* **Modern Elegance:** Features PU leather seats with electronic adjustments, foldable rear seating, and electric front/rear windows with one-touch lifting and anti-pinch functions.
* **Ambient Comfort:** Equipped with automatic air conditioning, heater, rear air vents, and a PM2.5 in-car air filter.
* **Thoughtful Details:** Includes makeup mirrors with lights, a leather steering wheel with manual up and down adjustment, multifunction steering wheel, full LCD instrument panel (6.2 inches), manual anti-glare interior rearview mirror, and USB (front row 2) / Type-C (back row 1) charging ports.
* **Electronic Column Shifter:** For gear shifting.

**8. Sustainability**

* **Zero Carbon Commitment:** Vehicle-to-Load (V2L) capability allows for external power sharing, emphasizing energy sharing and sustainable living.

This intelligent, eco-conscious vehicle combines cutting-edge technology with luxurious comfort, redefining the future of mobility.

**9. General Technical Specifications (from Table)**

* **Model:** JéGO Zero Carbon
* **Length*Width*Height (mm):** 4025∗1770∗1560
* **Wheel base (mm):** 2620
* **Front/Rear track width (mm):** 1525/1520
* **Minimum ground clearance (mm):** 160
* **Minimum turning radius (m):** 4.95
* **Body structure:** 5 doors 5 seats
* **Kerb Weight (kg):** 1445
* **GVW (kg):** 1820
* **Maximum speed (km/h):** 150
* **Battery Capacity (kwh):** 51.5
* **CLTC Range (km):** 505
* **Type of motor:** Permanent Magnet Synchronization
* **Maximum power (kw):** 100
* **Motor (Ps):** 136
* **Number of drive motors:** 1
* **Motor layout:** Prepositioned
* **Gearbox:** Electric vehicle single speed gearbox
* **Number of gears:** 1
* **Gearbox Type:** Fixed gear ratio gearbox
* **Front suspension type:** McPherson independent suspension
* **Rear suspension type:** Torsion beam non-independent suspension
* **Steering system:** Electric Power Steering (EPS)
* **Vehicle structure:** Unibody
* **ABS:** Yes
* **Braking force distribution (EBD/CBC):** Yes
* **HBA:** Yes
* **Tire pressure monitoring function (TPMS):** Yes
* **Low-speed driving warning:** Yes
* **Driver Mode:** ECO/Sport
* **Energy recovery system:** Yes
* **AUTO HOLD:** Yes
* **Rear parking radar:** Yes
* **Number of ultrasonic radars:** 4
* **CCS (Cruise Control System):** Yes
* **GPS (Global Positioning System):** Yes
* **Battery Type:** Lithium iron phosphate (Gotion)
* **Battery cooling style:** Liquid
* **Max torque (N.m):** 175
* **Normal charging time (h):** 9
* **Fast charging time (h):** 0.5 (30%-80%)
* **Brake system (front/rear):** Ventilated disc/Disc
* **Parking brake type:** Electronic parking brake (EPB)
* **Driving method:** FWD
* **Front/Rear tyres:** 205/55 R16
* **Rim material:** Aluminum Alloy
* **Central locking:** Yes
* **Key Type:** Remote control key, Bluetooth key
* **Keyless entry function:** Yes
* **Keyless start system:** Yes
* **Remote start function:** Yes
* **Hidden electric door handle:** Yes
* **Battery preheating:** Yes
* **Low beam:** LED
* **High beam:** LED
* **Daytime running lights:** Yes
* **Automatic headlights:** Yes
* **Front fog lights:** Yes
* **Height-adjustable headlights:** Yes
* **Headlight Delay Off:** Yes
* **Makeup mirror with lights:** Main Driver, Co-driver
* **Exterior mirror:** Electrical
* **Rearview mirror heating:** Yes
* **Central control LCD screen size:** 12.8 inches
* **Vehicle system memory (GB):** 8 GB (for Multimedia system, Navigation, Telephone, Air conditioning)
* **Vehicle system storage (GB):** 64 GB
* **Steering wheel material:** Leather
* **Multifunction-steering wheel:** Yes
* **Full LCD instrument panel:** Yes
* **LCD instrument size:** 6.2 inches
* **Interior rearview mirror:** Manual anti-glare
* **Multimedia/charging interface:** USB (Front row 2), Type-C (Back row 1)
* **Seat Material:** PU
* **Main seat adjustment:** Electronic adjustment (Fore and aft, Backrest, Height 2-way)
* **Co-seat adjustment method:** Manual adjustment (Fore and aft, Backrest)
* **Rear seat folding:** Rear seats fold down
* **Central armrest:** Front
* **Speaker:** 4
* **Air conditioning:** Automatic
* **Heater:** Yes