

# New Leapmotor B10 Hybrid EV

## Innovation Made Easy

**Rome, Italy – March 23<sup>rd</sup> - 31<sup>st</sup>, 2026** Leapmotor is hosting its international Media Drive event in Rome, welcoming leading European automotive journalists to experience allnew **Leapmotor B10 Hybrid EV**. The Rome Test Drive Event moves from the city to the scenic roads around Bracciano Lake, combining urban driving with panoramic curves and gentle climbs, where the B10 Hybrid EV showcases its quietness, dynamic performance and smooth electric drive.

After introducing the fully electric B10 compact SUV at the end of 2025, Leapmotor strengthens its product portfolio with the **B10 Hybrid EV**, **powered by** the advanced **Range Extender technology**. Building on the system already proven on the C10, the B10 Hybrid EV pairs an electric propulsion system supported by a 1.5L onboard petrol generator that recharges the battery when needed.

The model features an **18.8 kWh battery** offering **86 km electric range**, a 50kW generator and a 50liter fuel tank delivering a **combined range of up to 900 km**.

### **A New Kind of Hybrid: Always Electric, With Support When Needed**

Leapmotor's Hybrid EV architecture reimagines the hybrid concept by placing electric drive at its core and delivering a genuinely **100% electric driving experience**: the wheels are powered solely by the electric motor - unlike traditional hybrids, where the engine often contributes to propulsion – and the compact range extender engages only to **produce electricity and recharge the battery** when necessary.

The system is defined by **three key principles**:

- The electric motor **always drives the wheels**.
- The **range extender is never mechanically connected** to the wheels.
- Its function is to **generate electricity** during driving.

Thanks to this design, the B10 Hybrid EV offers a consistently **pure electric feel**, while enabling travel without dependence on frequent charging. Drivers enjoy smooth, silent performance, instant torque, and seamless acceleration without gear shifts, with energy management handled automatically—no action required from the driver.

#### **4 energy modes: the right power, at the right moment**

Drivers can choose between **four energy modes - EV+, EV, Fuel, and Power+** - to optimize efficiency or performance depending on driving needs - while adapting the vehicle's behaviour to different driving scenarios – and preserve its electricfirst character.

Two of these modes are pure electric - **EV and EV+** - and operate with the engine completely off, ensuring zero tailpipe emissions and offering a fully electric driving experience for urban use and daily commuting.

The other two modes - **Fuel and Power+** - activate the on-board generator, providing additional energy when longer range, higher power demand, or specific driving conditions require it. These generator-assisted modes ensure optimal flexibility for drivers who may need extra support during long-distance trips, high-speed scenarios, or more dynamic driving situations.

This system allows the vehicle to seamlessly tailor performance to the driver's needs, combining the benefits of electric mobility with the reassurance and adaptability of hybrid technology.

**EV+ mode** maximizes the use of the battery to prioritize fully electric driving, making it ideal for urban journeys and short daily commutes.

**EV mode** maintains electric propulsion as the default, allowing the range extender to activate only when necessary to support battery charge, ensuring a consistently smooth and quiet electric experience.

For longdistance travel, **Fuel mode** shifts the system's priority to the petrol generator, preserving battery energy for later use—for example when entering city centres or lowemission areas.

Finally, **Power+ mode** delivers the vehicle's maximum performance, combining full electric motor output with the range extender's generating capability, ensuring strong acceleration and optimal responsiveness during overtaking manoeuvres or on steep gradients.

Together, these modes provide a versatile and efficient energy management system that enhances comfort, performance, and driving confidence in every situation.

## Advanced Connectivity & Uncompromised Safety

Inside the cabin, drivers can enjoy a modern, smartphone like digital environment powered by LEAP OS 4.0 Plus and the high-performance Qualcomm 8155 chipset. A 14.6 inch 2.5K HD central display provides a seamless interface for connectivity, entertainment, and vehicle controls. The experience is further enhanced by an immersive 12 speaker premium audio system.

The most **recent OTA update** for the Leapmotor B10 Hybrid EV brings a substantial set of upgrades aimed at improving driving comfort, connectivity, user interface and safety systems.

**Connectivity** receives a major boost with native Apple CarPlay and Android Auto support, available through both wired and wireless connections, giving users seamless access to their preferred apps on the 14.6-inch infotainment display.

The update also introduces One Pedal Driving, allowing drivers to control both acceleration and most deceleration using the accelerator pedal alone, thanks to improved energy recovery logic that ensures smoother control and greater efficiency.

**Safety and assistance systems remain a top priority** and have likewise been refined. The life presence detection reminder has been optimized, and updates to Adaptive Cruise Control (ACC) and Lane Centering Control (LCC) ensure smoother deceleration when approaching curves, improving overall driving fluidity. The new B10 Hybrid EV also features a high strength body structure with enhanced torsional rigidity, seven airbags, and 17 advanced driver assistance

functions designed to support drivers across a wide range of scenarios, ensuring confidence and protection on every journey.



The new B10 Hybrid EV has been engineered to balance compact **exterior dimensions with outstanding interior versatility**. Measuring 4,530 mm in length, 1,885 mm in width, 1,655 mm in height, and featuring a 2,735 mm wheelbase, the vehicle offers generous cabin space and a refined, welcoming atmosphere. Best in class headroom, along with heated and ventilated eco leather front seats, ensures comfort for family journeys, daily commuting, and weekend travel.

To simplify the purchasing process, the new B10 Hybrid EV is offered in a streamlined **line-up with two trims - Life Hybrid EV and Design Hybrid EV - six exterior colours, and three interior themes**. This curated range allows customers to personalize their vehicle while maintaining an intuitive configuration experience. New Leapmotor B10 Hybrid EV list price starts from €29.900.

The B10 Hybrid EV is designed for urban drivers, young or growing families, customers moving up from the B SUV segment who want the benefits of electric mobility but are not yet ready to choose a fully battery electric vehicle.

### **Smarter Hybrid EV technology, thoughtfully designed around people**

The Leapmotor B10 Hybrid EV marks a major milestone in the democratization of electric mobility. With its cutting edge, EV first architecture and accessible positioning, it arrives as the first truly mainstream C SUV to deliver a genuine electric like driving experience

combined with extended range capability, without compromise. This new electric C SUV represents a pivotal step in Leapmotor's expansion across Europe and reinforces the brand's commitment to making electric mobility more accessible, more user focused and more enjoyable for all.

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