

Flood introduces world's most compact 240kW electric vehicle charger

- The Barcelona-based company has developed the Lynx 240, a modular electric vehicle charger that charges 50% of a car battery in less than 10 minutes (250 km of range)
- The Lynx 240 will be manufactured locally, has the capacity to charge two vehicles simultaneously, and is made from recycled and recyclable materials

Barcelona, December 10, 2024 – The start-up **Flood** has introduced the **Lynx 240** to the market, the electric vehicle charger with the highest power density in the world at 382kW/m³ and the most compact design at 240kW (with dimensions of just 905 x 537 x 1850 mm).

Its high capacity allows it to provide **250 km of range** in under 10 minutes of charging, which aligns with the average recharge distance for electric vehicle users on the road. It can also deliver **125 km in under 5 minutes** or **100 km in less than 4 minutes**. Put simply, it can charge over **1,300 km of range in just 1 hour**. Its compact size makes installation easier and promotes the deployment of fast and ultra-fast charging infrastructure.

The Lynx 240 is designed for installation in **public areas, gas stations, and charging hubs**, as its fast charging times are ideal for stops during trips. It is also highly useful for **large fleets** of electric vehicles requiring quick recharges.

Its modular architecture allows the power output to adapt to customer needs, offering a range between **120 kW and 240 kW** (in 40 kW increments). For instance, a customer starting with 120 kW can later add modules to increase the power to **160 kW, 200 kW**, or up to **240 kW**.

Additionally, the Lynx 240 enables the **simultaneous charging of two vehicles**, thanks to its two charging cables. Manufactured using **recycled and recyclable steel**, the charger reflects Flood's sustainability values, emphasizing responsible and innovative local production.

The charger features remote software updates, credit card payment options, preventive maintenance, full connectivity, and a **12” vandal-proof touchscreen**, among other features, to ensure an intuitive user experience.

This launch not only represents a technological breakthrough, with several **international patents pending approval**, but also serves as a clear example of **disruptive intrapreneurship**, signaling the industrial sector’s evolution to meet new market needs and trends.

Since its inception, Flood has created **17 direct jobs and 5 indirect jobs**, generating **€1.6 million in revenue** during its first full year (2023). In 2023, Flood also disrupted the market with the launch of the **Lyra 60-80 charger**, the world’s most compact charger at **60kW and 80kW**. The company expects to close 2024 with revenue growth reaching **€4 million**.

Jordi Gazo, **Founder and CEO of Flood**, highlights: *“Once again, we have succeeded in creating the most compact charger in the world, this time at 240kW. With the Lynx 240, Flood reaffirms its commitment to innovation and sustainability, actively contributing to the future of electric mobility”*.

This project has been made possible thanks to the support of **Premium PSU**, a leading Catalan company in power conversion with over 40 years of experience, which acted as an incubator for Flood. The project’s mission is to promote the use of **renewable energy sources** and drive the transition towards sustainable mobility, economy, and society.

More information: <https://www.floodpower.com/en/>