



# wallbox

**Press Kit**



**“For electric vehicles to completely replace internal combustion engines, we need to eliminate any charging inconveniences, providing people with a perfect experience, whether at home or during a road trip. Achieving this will require building an extensive and efficient network of residential, semi-public and public chargers, which will be Wallbox’s contribution to creating a more sustainable world and making consumers more active in managing their energy consumption.”**

**Enric Asunción**

Wallbox co-founder and Chief Executive Officer



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# About Wallbox

Wallbox is a global company, created in Spain, leading the development of cutting-edge technology in the electric vehicles (EVs) and energy management sector. Combining innovative technology and distinctive designs, Wallbox charging systems allow users to better manage their energy use and storage. In addition to the great change that incorporating a smarter and more efficient use of energy involves, Wallbox is speeding up the transition to sustainable, efficient and smart mobility.

Wallbox was established in 2015 by Enric Asunción and Eduard Castañeda, two engineers from Barcelona who shared a visionary view of the electromobility sector. They created the company with the aim of eliminating the barriers faced in switching to EVs in the short term in order to give way to the use of renewable energy in the long term, helping to build a world free of fossil fuels.

**“Wallbox is speeding up the virtuous cycle of wider adoption of electric vehicles through creating a state-of-the-art, efficient and innovative infrastructure for home, semi-public and public charging.”**

**Enric Asunción**

Wallbox co-founder and Chief Executive Officer



# Creating the infrastructure of tomorrow

Wallbox has the clear vision of accelerating the adoption of more efficient and sustainable technology through its smart chargers, which are changing the way that people manage their energy consumption.

Wallbox therefore focuses its efforts on creating and establishing an extensive charging infrastructure with the industry's smartest chargers. It is also providing installation services that help optimise the number of charging points around and their identification by users. In other words, Wallbox is providing a complete renewable energy solution by combining cutting-edge technology with customer service and energy trading and grid management solutions.

Wallbox is continuously working on the development and optimisation of platforms for smart EV charging and energy management systems to maximise their products' potential for the benefit of both users and the planet.



# Wallbox's history

Since its establishment, Wallbox has strived to lead the **paradigm change** in the use of electric chargers in order to democratise and expand electromobility through identifying the need for smart chargers that can communicate with the home and cars, optimising their performance based on the criteria, needs and specific preferences of each user. The good results and practice of this commitment over the course of the company's five-year history have led to its ongoing growth and consolidation, building up confidence among its various audiences, which is reflected through the significant rounds of funding granted by large investors in Europe and the United States.

In June 2019, Wallbox announced the first tranche of a €15 million Series A funding round, led by the Spanish multinational electric company, Iberdrola.

In December 2019, Wallbox joined the Spanish venture capital fund, Seaya Ventures, receiving an investment of €2 million.

In March 2020, Wallbox closed its second Series A tranche with €23 million in funding, this time led by Seaya Ventures, with additional investments made by Endeavor Catalyst and previous investors, such as Iberdrola. Through this round, Wallbox hopes to improve its position in Spain and establish itself in the world's main markets, into which it has entered strongly.

Thanks to these significant investments, Wallbox has been able to expand and become a global company, currently selling its solutions in more than 50 countries.

Wallbox's headquarters are based in Madrid and Barcelona, and the company has a manufacturing plant in Sant Andreu de la Barca with the construction of another under way in Zona Franca, both in Barcelona. Internationally, Wallbox has offices in main European cities and another in California (United States) so that it can operate in Canadian and Mexican markets.

In China, Wallbox has offices in Shanghai and Suzhou, as well as a manufacturing plant to serve the Chinese market. Throughout Asia, Wallbox operates through two companies: Wallbox FAWSN Charging Systems Co Ltd., a joint venture with the Chinese company Changchun FAWSN for original equipment manufacturing in this market, and Wallbox, which is the sole owner and focuses on other market sectors.



# Ongoing commitment to innovation and development

Wallbox's strong commitment to the innovation and development of new technologies has made it a leader in energy management and one of the world's main companies developing advanced technologies for electric charging and energy management. Wallbox allocates 50 per cent of its fixed costs to research and development (R&D), proof of its commitment to innovation.

Wallbox currently has two R&D laboratories in Barcelona, a test laboratory in the United States and more than 100 engineers focused on developing new projects and solutions to address challenges faced by the energy industry worldwide.

Through all of the above, Wallbox has developed, produced and launched six products, averaging around two product launches per year. In just five years the company has also been granted more than 10 patents thanks to the creation of its own cutting-edge technology that has been recognised worldwide.

At present, Wallbox has a production capacity of 200,000 chargers per year, though with the recent opening of its new headquarters in Zone Franca (Barcelona), it will be able to expand to up to 500,000 chargers more per year according to market needs. Wallbox also has agreements with the world's main automotive brands, including Nissan, Mitsubishi, Hyundai, Kia, Smart, Mercedes-Benz, Seat, Jaguar, Land Rover and BMW, as well as energy companies Iberdrola (Spain), Scottish Power and Octopus (United Kingdom).



# Wallbox's roadmap

- July 2015** ● Wallbox was established by Enric Asunción and Eduard Castañeda
- September 2015** ● First **Commander** prototypes
- March 2016** ● **Commander** is launched
- July 2016** ● **Pulsar** is launched
- October 2016** ● Official presentation of Wallbox at **E-CAR-TECH in Munich**
- October 2017** ● **Copper** is launched
- November 2017** ● Creation of a dedicated **myWallbox** team and opening of the technical service in Madrid
- April 2018** ● Presentation of the **ONYX pedestal**
- September 2020** ● Launch of **Quasar**, the first bidirectional charger for domestic use, and Electromaps acquisition, the leading Spanish digital platform that offers access to the largest network of public charging points for electric vehicles
- October 2020** ● Presentation of the **Supernova**, the first functional prototype for public charging





# Product range

Wallbox develops smart charging solutions that create new ways to manage, use and share energy. These solutions focus on connecting charging points with users and providers, with energy easily controlled and regulated through a platform, website or phone app. This process also has other benefits and functions: for example, owners of EVs can use a phone app to control and pay for charging sessions anywhere, anytime.



## Pulsar Plus

**Advanced,  
compact technology**

Smart charging does not have to be complicated! Pulsar Plus is easy to use, making it the ideal choice for homes. Thanks to its compact size, it can fit inside most home garages and is compatible with most types of cars.



## Copper SB

**The charger with the most  
design and flexibility**

The Copper comes with a built-in, universal plug, making it suitable for type 1 and type 2 vehicles.

Recommended for commercial and semi-public use.



# Commander 2

## An advanced smart charging system

Equipped with a touch screen and intuitive user interface, the Commander 2 is easy to use, making it ideal for semi-public or corporate parking.



# Quasar

## The first bidirectional charger that changes how we use energy

The Quasar represents a global milestone in home-use energy technology and received the prestigious Best of CES award from the International Electronics Consumer Show (CES), the world's most important technology event. The charger was launched on the market in September 2020, following its presentation at CES.

Quasar is a charging system that allows EV smart chargers to supply energy in two directions: from the charger to the car and from the charger to the home grid. This system has many advantages, among which include converting EVs into a source of emergency energy and saving energy through putting energy back into the grid for self-sufficiency.

### **Innovative.**

The lightest and smallest bidirectional DC charger of its kind.

### **Cutting-edge technology.**

Advanced facial recognition and gesture control.

### **Compared with other bidirectional DC chargers, the Quasar:**

- is less than half the cost
- is one-quarter of the weight
- has maximum efficiency (97 per cent)
- is easier to install (one technician in a few hours)



# Supernova

In October 2020, Wallbox announced it had a functional prototype of the Supernova, a new generation rapid public charger that offers greater efficiency and performance at half the cost, providing up to 65 kW of power and adding 100 km of range to an EV in less than 15 minutes. This milestone marks Wallbox's entry into the public charging sector, complementing its existing products for residential and semi-public charging that are currently available in more than 50 countries worldwide.

This announcement has been met with great interest from the press, industry and public administration.

The Supernova introduces unprecedented levels of efficiency and reliability in this market sector, as well as an internal design optimised to be lightweight and easy to install by integrating multiple modular elements of Wallbox's award-winning bidirectional charger, Quasar.





Wallbox developed Supernova to overcome the following public charging challenges in cities:

**Efficiency and reliability:**

Supernova has nine systems that work together to provide maximum power while operationally remaining separate. This modular solution offers unprecedented flexibility and reliability to ensure that the charger continues to operate optimally in all situations.

**Installation and maintenance costs:**

Supernova reduces the costs associated with equivalent public charging solutions by around 50 per cent. The charger’s optimised design makes it a more efficient product with a lower production cost. Its modular composition has several advantages, such as simpler infrastructure and resources requirements, meaning there is no need for heavy machinery to transport the product.

**“Supernova is our answer to the growing needs of electric vehicle users and their cities. We have applied the same development concepts and the fundamentals that we used to make Quasar, the world’s lightest, smallest and most efficient bidirectional charger. The result is a charger that is exponentially more stable and efficient, simpler to install and easier to maintain.”**

**Eduard Castañeda**

Co-founder and Chief Product Officer

Wallbox will begin production in the second quarter of 2021 with distribution planned for the European Union first, followed by the United States and other markets. €5 million will be invested into the Supernova’s production over the next two years.



# Wallbox software

## MyWallbox

### The smart charging management platform for homes and businesses

myWallbox is a tool for scheduling charges according to when is most convenient and energy rates are most economical. It also makes it easier to manage the charger through a platform or phone app. Notifications are received automatically and charges can be accessed in real time.

## Electromaps

### A strategic acquisition for expansion into public charging

Wallbox acquired Electromaps, the leading platform for public EV charging points, with more than 10,000 users able to locate charging points. Through this acquisition, Wallbox has now added public charging access to its service portfolio and continues to move towards creating a complete EV charging ecosystem.

The Electromaps platform has more than 120,000 charging points in 120 countries in its database, and in its 10 years of operation has managed more than 1 million kWh in charges. Across the Iberian Peninsula, Electromaps has 5,100 charging points and information on more than 13,500 EV plugs.

**Leading platform in southern Europe:** Around 95 per cent of EV drivers in Italy, Portugal and Spain use Electromaps as their preferred app for public charging.

**Integrated payment system:** Provides access and payment options to more than 100,000 users directly through the app.

**Widest information network in Spain:** Shares information provided by users in real time on more than 120,000 charging points in 120 countries.

**Complete ecosystem:** Provides charging solutions in all market sectors – residential, commercial and public.



# Awards

Wallbox has received significant global recognition from the industry.

Wallbox is the only technology development company in Spain to obtain a Best of CES award, (the highest award given by CES, the world's leading technology show), which was awarded to its Quasar charger as the world's first bidirectional EV charger for home use.

This bidirectional charger has also received Excellent Product Design awards (Automotive Parts and Accessories category) from the German Design Awards 2020 and Octopus Energy in Spain and the United Kingdom.

The Quasar charger has also received a 2020 Edison Award (United States) for its design in the Advanced Energy Systems category.



Winner of  
**South Summit**  
2018 in Madrid



3rd place winner at  
the **Startup World Cup**  
2018 in San Francisco



reddot design award  
winner 2019

Winner of **Red Dot Design Award**  
2019



Best of CES 2020  
by **Engadget**



**REUTERS**  
**Reuters**  
Best of CES  
2020



**Electrek**  
Best of CES 2020



**Robb Report**  
Best of CES 2020



Silver Winner of  
**Edison Awards**  
2020



**Newsweek**  
Best of CES 2020



# Wallbox life

## Our team

The company currently has more than 320 employees, 150 of which have joined in the last 12 months. The expectation for the next two years is to grow to 550 employees, as the company continues to consolidate itself as a key player in the automotive industry's electrification, which will require solid technological innovation throughout the energy production, supply and consumption chain.

Wallbox has an international, multidisciplinary and diverse team comprising more than 30 nationalities, which ties in with the company's value of internally conceptualising, developing, designing and manufacturing its chargers, as well as producing all the intelligence needed from other related areas.





# Wallbox representatives



## Enric Asunción

Founder and Chief Executive Officer

Enric Asunción is Chief Executive Officer of Wallbox and co-founder with Eduard Castañeda, who is Chief Product Officer. His experience in the electromobility sector and his vision for the future led him to create Wallbox, in order to offer the best possible residential charging experience after identifying that existing options in Europe did not meet users' needs. Since then, his vision for Wallbox has expanded beyond residential charging. Wallbox is now a leader in energy management that manufactures smart EV charging solutions, which improve

how energy is managed, used and stored. These solutions are currently sold in more than 50 countries worldwide.

Enric was Programme Director of Charging Facilities at TESLA Motors in Europe at their headquarters in Amsterdam. While there he developed his vision of how EV charging should be to encourage its uptake and make doing so easier. During a wedding in 2015, Enric and Eduard asked themselves "What if we could create really smart and efficient chargers?" And that's what they did – both quit their jobs the following week and founded Wallbox.

Enric believes that the adoption of EVs and the production and consumption of renewable energy are two trends that will merge in the coming years, leading to a shift in the way that energy is generated and stored around the world. In his opinion, now is a good time to change how we live and become more sustainable.

Enric has a degree in industrial engineering from the Polytechnic University of Catalonia.





## **Eduard Castañeda**

Founder and Chief Product Officer

Eduard Castañeda is Chief Product Officer of Wallbox, as well as co-founder with Chief Executive Officer, Enric Asunción. Eduard heads the conceptualisation, design, functionality and manufacturing of Wallbox's products, leading the company to develop its own technology that has received several international industry awards, and resulting in designs and features that give all its products personality and a style that is distinctive of the brand.

His knowledge of engineering, combined with his experience in robotics, his vision of electromobility and the challenges faced in breaking barriers at the global level, have led Eduard to develop unique, award-winning products, such as the Quasar (received a Best of CES award in 2020), as well as products that will change public charging, such as the Supernova.

In terms of his recent professional experience, Eduard was co-founder of TPVracing, a company that focused on the use of real-time telemetric data for motor sports equipment to increase their efficiency and performance. Eduard also worked at the Institute of Robotics and Industrial Computing at the Polytechnic University of Catalonia before co-founding Wallbox.

Eduard has a degree in industrial engineering from the Polytechnic University of Catalonia.



## **Jordi Lainz**

Chief Financial Officer

Jordi Lainz is Chief Financial Officer of Wallbox, and is responsible for creating the company's financial strategy, which includes financial planning, risk management and compliance, closing of funding rounds and investor relations.

Throughout his career, Jordi has worked in senior management and finance roles, contributing significantly to the globalisation, diversification and expansion strategies of important companies such as Eurofred and Ficosa Internacional, where he led the

acquisition and financing of companies in America, Europe and Asia.

He has combined his experience of working for public companies and multinationals in the automotive and aeronautical sectors with his membership of various boards of directors. Before joining Wallbox's executive staff, Jordi was a member of the company's Board of Directors, a responsibility he left to take over the Finance Division.

Jordi has a degree in economics from the University of Barcelona and a master's degree in auditing from the Autonomous University of Barcelona.



## **Bárbara Calixto**

Chief Marketing Officer

Bárbara Calixto is Wallbox's Chief Marketing Officer. Since 2019 she has led the Marketing and Communication team, as well as the company's strategies in these areas at the global level.

With an international career and experience in both large corporations and start-ups, Bárbara has been dedicated to the technology sector for the past 10 years, making her experienced in new product launches, brand development, international business expansion and external communication.

Bárbara's most recent professional experience includes her role as Global Director of Product Marketing at Microsoft in Redmond, WA, United States, and as Vice-President of Global Marketing at the Cabify mobility platform in Madrid, Spain.

On a personal level, Bárbara believes in digitalisation, sustainability and the relationship between words and actions as the only possible paths to the sustainable growth of any industry, field or aspect of society.

Bárbara has a degree in business administration from the University of Brasilia and an MBA from the University of Michigan.



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**Contact information:**

[wallbox.com/en](https://wallbox.com/en)

**Press contact:**

Edelman Barcelona  
[wallbox@edelman.com](mailto:wallbox@edelman.com)