



# Wallbox Supernova

Supernova is a complete fast charging solution designed according to four key principles that make the system profitable, user-friendly and scalable. The dedication and experience in EV charging allows Wallbox to carry out in-house R&D, manufacturing and validation processes, giving Wallbox devices unprecedented control in the value chain, ensuring the highest quality in terms of components and seamless integration between hardware and software.

[pluginvest.eu](https://www.pluginvest.eu)

The modular architecture with parallel power conversion, based on patented Quasar technology, ensures uptime even in the unlikely event of a module failure. Our self-learning algorithm allocates power per module when EVs demand less than nominal power. If necessary, modules will automatically shut down, reducing wear and extending service life.





# Easily charged.



## Reliability

Maximum uptime while retaining low maintenance costs! The product design focuses on reliability and ease of maintenance, including smart features to optimise maintenance and management.



## User-friendly

Wallbox offers the best possible fast-charging experience with a seamless charging process that attracts more customers.



## Efficiency

Supernova requires only half the total investment compared to similar chargers. It leads the way in energy efficiency and guarantees easy installation and operation.

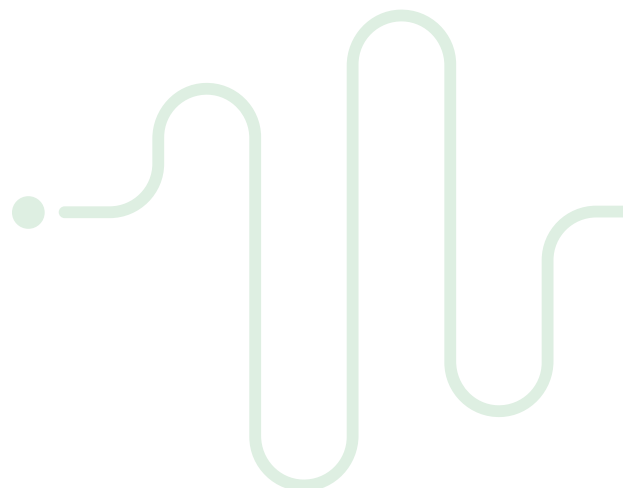


## Flexibility

Supernova can be integrated into all common charging networks and installed at any location. This solution is compatible with current and future electric vehicles.

Wallbox **Supernova** offers better **usability, connectivity** and **flexibility**.

Each of the two charging points provides 30 kW when two EVs are connected. This increases beneficial use. Power increases to 60 kW to one car when the second EV is disconnected.



# Technical sheet

## Wallbox Supernova

DC connectors:	CCS2, CHAdeMO
Charging protocol:	ISO15118 (incl. Plug&Charge*) / CHAdeMO
Cable length:	3m,5m[1]*
Cable management:	Automatic retractable system [1]*
Output power:	60 kW
Rated efficiency:	Up to 97%
Power factor:	> 0.98
THD:	5%
Output voltage:	150-500 V
Output current:	150 A
Power input:	400V±10%,91A,50Hz
Electrical protections:	Mains disconnection, MCB, surge protection
Environmental ratings:	IP54, IK10, 2000 m height
Operating temperature:	-35°C to 50°C
Cooling system:	Active air cooling
Operational noise level:	<55dBA
Humidity:	5% tot 95% Non-condensing
Dimensions without mount:	2000 x 714 x 453 mm
Weight:	250 kg
Branding options:	Templates for illustrations
Connectivity:	Ethernet, 2G/3G/4G/LTE, room for external router (DIN-rail)
Backend communication:	OCPP 1.6J
Diagnostics:	Automatic diagnosis system
User interface:	10 inch vandal-resistant colour touchscreen (readable in sunlight), LED status lights
Authentication:	App (OCPP) / RFID (MI-FARE ISO/IEC14443A/B, ISO/IEC15693, ISO/IEC18000-3, FeliCa, NFC)
Ad-hoc payment:	Credit card reader* [1]: 3-in-1 contactless (incl. Apple/Android Pay), chip, magnetic card. Screen QR code
Measurement:	AC MID [1]
Charging responsibility:	CCS (DIN 70121, ISO15118*), IEC 61851-1, IEC 61851-23, IEC 61851-21-2, CHAdeMO 1.2 certified
Safety and EMC compliance:	CE, IEC
Compliance Vancyber Security:	LINCE*

