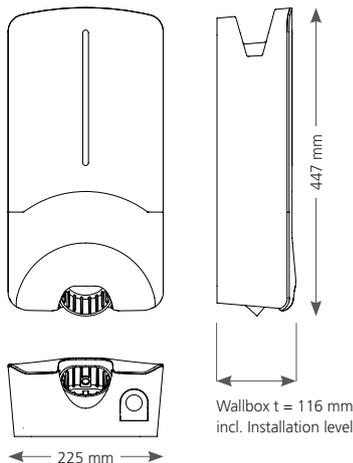




# Webasto Live

Including Webasto ChargeConnect Portal and App\*



### Webasto Live – the Wallbox profile:



- Scalable charging capacity up to 22 kW, choice of 4.5m or 7m cable length
- Userfriendly configuration using Wi-Fi hotspot and Webasto Charger Setup App for installers
- Free use of the Webasto backend Webasto ChargeConnect (access via app and portal)\*
- Always online thanks to 24/7 real-time transmission of the wallbox data to Webasto ChargeConnect\*
- Compatible with commercially available back-end systems via OCPP 1.6 J
- Future-proof with firmware updates
- Dynamic load management with up to 250 charging points
- Energy management system integration via Modbus
- Integrated 4G modem
- Authentication at the charging station using RFID token (incl. 2 RFID chips, all RFID media can be taught as required)
- Plug & Charge ready (ISO 15118)
- MID-compliant meter for recording charging sessions

### Dynamic Load Management

- Efficient use of the available charging capacity through dynamic load management with up to 250 charging points
- Local configuration via WiFi hotspot, control by using the web-based Webasto Live configuration interface
- Phase-accurate control: automatic phase detection at the start of the charging process with optimized distribution between the charging stations
- Avoiding peak energy loads prevents high costs
- Flexibility when adding more charging points as each charging station can be configured as a master or slave

### Energy management system integration

- Integration into energy management systems (EMS) via Modbus TCP
- Interfaces for connecting external meters and software
- Own power consumption monitoring and optimization
- Intelligent charging with advanced power distribution
- PV-optimized charging
- Integration and control via the Webasto Live configuration interface

\*Webasto ChargeConnect is only compatible with the following Webasto Live part numbers: 5110360C, 5110361C, 5110263C, 5110359C

Technical specifications	
<b>Electrical characteristics</b>	
Nominal current (A) (configurable connected load values)	16 or 32 3-phase or single phase
Line voltage (V AC)	230 / 400 (Europe)
Grid frequency (Hz)	50
Grid forms	TN / TT / IT (only single phase)
EMV class	Emitted interference: Class B (residential, business, commercial areas) Immunity: Industrial areas
Overvoltage category	III as per EN 60664
Protection class	I
Protective devices	Country-specific residual current circuit breakers and circuit breakers must be provided for installation on site
Integrated power meter	MID-compliant, accuracy class B as per EN 50470-3 / class 1 as per IEC 62053-21
<b>Connections</b>	
Mounting	Wall and base mounting (permanently connected)
Cable feed	Mounted on-wall or in-wall
Connection cross-section (wire dimension)	Cross-section of the connecting cable (Cu) taking into account the local conditions and norms: 6 or 10 mm <sup>2</sup> for 16 A and 10 mm <sup>2</sup> for 32 A
Charging cable	Type 2 charging cable: up to 32 A / 400 VAC as per EN 62196-1 and EN 62196-2 Length: 4.5 m / 7 m – Integrated cable bracket
Output voltage (V AC)	230 / 400
Max. charging capacity (kW)	11 or 22 (depending on the variant)
<b>Communication &amp; features</b>	
Authentication	– RFID reader MIFARE DESFire EV1 and MIFARE Classic (ISO 14443 A / B) – “Plug & Charge” (ISO 15118)
Display	8 RGB-LEDs, buzzer
Network interfaces	– LAN (RJ45) – 10 / 100 Base-TX – WLAN 802.11b/g - 54 Mbit/s
Mobile communications	Slot for SIM card (form factor 3FF / Micro-SIM), integrated 4G modem (LTE)
Firmware	Version 5.11
Communication protocols	OCPP 1.6 J, Modbus TCP
Other interfaces	– Modbus (RS485) (for reading external power meters) – USB 2.0 type A (for servicing only) – USB 2.0 type B (for servicing only)
Plug & Charge	ISO 15118-1, ISO 15118-2
Local charge management	Up to 250 charging points, dynamic, adjustment with no phase delay
<b>Mechanical data</b>	
Dimensions (W x H x D) (mm)	225 x 447 x 116
Weight (kg)	4,4 - 6,8 (depending on the variant)
IP protection class, device	IP54
Protection against mechanical impact	IK08
<b>Ambient conditions</b>	
Operating temperature range (°C)	-25 to +40 (without direct solar radiation)
Temperature behavior	A reduction in charging current or shutdown may occur in order to prevent the charging station overheating.
Storage temperature range (°C)	-25 to +70
Permissible relative humidity (%)	5 to 95 non-condensing
Altitude (m)	Max. 2,000 above sea level
<b>Certification compatibility</b>	
Standards and guidelines	– CE conformity – 2014/53/EU Radio Equipment Directive – 2011/65/EU RoHS Directive – 2001/95/EG General Product Safety – 2012/19/EU Waste Electrical and Electronic Equipment Directive – 1907/2006 REACH Regulation
Tested compatible backends	Webasto, Allego, Chargecloud, Cleanergy EV, Driivz, E-Flux, Everon, Greenflux, has.to.be, Last Mile Solutions, Mobility+, Optimile, SAP e-Mobility, Smartlab Ladenetz, Virta
Tested compatible energymangement systems (EMS)	Beegy, Kiwigrd, TQ, Smart1, Solarwatt, ChargePilot (TMH)
<b>Accessories &amp; spare parts</b>	
Webasto Stand Solo	Solid, grey metallic, base for mounting a single charging station (front side)
Webasto Stand Duo	Solid, grey metallic, base for mounting two charging stations (on both sides)
Webasto Stand Slim	Slim, black, base for mounting a single charging station (front side)
Webasto LiveAccess	RFID chips (token) for authentication at the charging station

# Webasto ChargeConnect

The digital twin of your Webasto Live

Make full use of the advantages of Webasto Charge Connect - this not only makes managing your charging infrastructure much easier but it is also a lot of fun.

Always keep track of your Webasto Live, as you can access the current status of your charging stations, the entire charging history, your energy consumption, and much more at any time and from anywhere - thanks to the practical Webasto ChargeConnect solution, the innovative in-house development from Webasto. The data from your charging stations is reflected in the web portal, offering maximum transparency, control, and security. Whether in the app or on the desktop: Webasto ChargeConnect is the key element for managing your wallbox fleet. Access to Webasto ChargeConnect is included free of charge with the purchase of a Webasto Live.

### The advantages at a glance:

- Free use of Webasto ChargeConnect with the purchase of a Webasto Live
- Convenient management of the charging station via app or web portal
- Quick and easy registration via the Webasto ChargeConnect App
- Individual management of the charging infrastructure within an organization
- Maximum transparency about user behavior at your charging points
- Straightforward connection of backends from third-party software providers in the Market Place\*
- Regular updates with new features for app and portal
- Use and management in different user levels depending on authorization

### Market Place for Backends\*

The Market Place offers endless possibilities. You can use any backend to manage your Webasto Live, depending on your needs.

- If you select your additional backend provider in the Market Place, the entire data profile of your wallbox will be stored in this backend as well
- Regular updates make the features of your backend provider directly accessible to you in the Webasto ChargeConnect Portal
- Thanks to the stored security certificates, the SIM card must not be switched

### Billing with CDR\*

You can find all comprehensive information about your charging infrastructure in the dashboard. But how can electricity be billed to guests or employees, for example? Very easily.

- All data of the charging processes is stored in Webasto ChargeConnect, such as charging power, charging duration, or users per charging point
- The entire Charge Detail Record (CDR) can be conveniently exported via mouse click
- This establishes the basis for billing charging sessions
- A price per kW/h can be stored as an indication so that you can always keep track

\*available soon

## User levels of Webasto ChargeConnect

<b>Enduser Residential</b>	As a residential end user, you own a charging station. You can authorize other users to charge at your charging station and fully manage your charging point via app and portal.
<b>Enduser Commercial</b>	As a commercial end user, you do not own a charging station but receive access authorization for another charging point. You have access to the approved charging station via the app and can use all basic functionalities.
<b>Site Admin</b>	As a site admin, you have all the rights to individually manage the entire charging infrastructure at a site and create accounts for end users.
<b>Customer Admin</b>	As a customer admin, you have all the rights to individually manage the entire charging infrastructure at multiple locations and to create accounts for site admins and end users.



### Individual customer service

With Webasto ChargeConnect, Webasto offers speedy and efficient customer service. Our customer service experts are there for you. They analyze the technical profile of your Wallbox and can, for example, read out and troubleshoot errors in the shortest time possible.

# Webasto ChargeConnect Portal

The digital web interface

Webasto ChargeConnect is the perfect portal for the comprehensive management of several Webasto charging stations. In the clearly arranged web interface, you can digitally view, manage, and monitor all charging data 24/7. In addition to user authorizations and remote diagnostics, for example, it is also possible to link to third-party software providers at any time, so you have maximum flexibility in managing your charging infrastructure.

## Feature overview:

- Starting and stopping charging sessions
- Advanced features in the Market Place\*
- Real-time status of all charging points
- Managing user permissions
- Maintenance and remote diagnostics
- Detailed overview of completed charging processes
- Comprehensive monitoring functions
- Reservation management of charging stations



Managing charging points conveniently by mouse click in the Webasto ChargeConnect Portal



### Advanced features in the Market Place\*

In addition to the extensive features of Webasto ChargeConnect, you can use any backend from third-party software providers. Select your desired provider to link your existing backend with Webasto ChargeConnect and use advanced functionalities for your Webasto charging points.



### Real-time status of all charging points

Thanks to real-time transmission, you are always up-to-date. You have a comprehensive insight into your charging points' status at all times, such as ongoing charging sessions, error messages, or current power consumption.



### Managing user permissions

With just a few mouse clicks, you can add or remove users from your charging stations - the authorizations can be managed individually per charging station or location, for example, by activating RFID tags of your employees or guests.



### Comprehensive monitoring functions

You can find all the important data at a glance in a clearly arranged dashboard. If you take a closer look at the charging points, you can also find all the detailed data on the current and completed charging sessions. This allows you to analyze your charging infrastructure and user behavior at all times.



### Maintenance and remote diagnostics

Your charging stations are stored as a digital twin in the portal, so you are protected in case of possible error messages. Depending on the user level, troubleshooting can be done yourself with just a few clicks. Otherwise, Webasto will assist you with quick remote diagnostics.



### Starting and stopping charging sessions

Conveniently control your own charging station by mouse click, so you can directly view all the data of your charging session and analyze it in real time.



### Detailed overview of completed charging sessions

In the charging history, you can view the data from all your registered charging stations. Comprehensive information such as charging duration or power consumption per charging process can be retrieved for every charging point in your organization.



### Reservation management of charging stations

You can reserve charging stations in advance for scheduled parking times by simply selecting the desired charging point and the authorized user. This way, you ensure that a charging station is available and your vehicle is fully charged at the desired time.

\*available soon

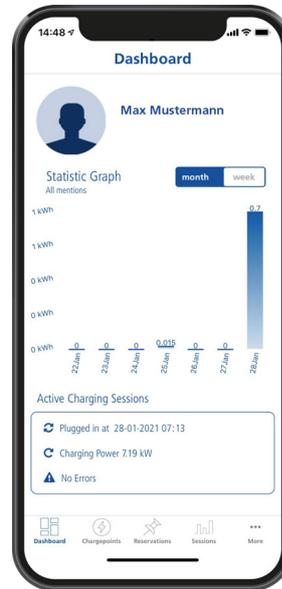
# Webasto ChargeConnect App

Your mobile companion

With the Webasto ChargeConnect App, your Webasto Live charging station is just a tap away. You can access all current and past charging sessions, start and stop them digitally, and authorize other users for a charging point directly via the mobile application. Simply download the app, register your charging station, and off you go. You can keep track of everything at all times – even when you are on the move.

## Feature overview:

- Starting and stopping charging sessions
- Real-time status of the current charging session
- Linking of wallbox and backend via Market Place\*
- Wallbox sharing with other users
- Regular app updates
- Detailed overview of completed charging sessions
- Reserving a charging station
- One-time free registration



## Webasto ChargeConnect App

Provider	Webasto Charging Systems inc.
Compatibility	Requires iOS version 12.0 or later Requires Android version 7.23 or later
Download	Google Play and App Store (for free)
Size	16,4 MB (02/2021)
Language	English (Other language versions will follow)

## Easy on the go with the Webasto ChargeConnect App



### Starting and stopping the charging process

Control your charging station conveniently via the app, saving time for authentication via RFID chip at the parking lot.



### Linking of wallbox and backend via Market Place\*

If you already use a different backend for managing your charging infrastructure, you can simply select your current provider and share your wallbox data with the backend via the app.



### Real-time status of the current charging session

Thanks to the real-time transmission, you are always up-to-date. While charging, you can view the current data on your charging process at any time, such as charging duration, status information, or error messages.



### Reserving a charging station

Reserving a charging station has never been easier. Simply select the date, time, and the desired charging point in the app and the available charging station will already be waiting for you when you arrive. The selected charging point confirms your reservation with a signal in the LED display.



### One-time free registration

Using the app requires a one-time, free registration. Simply download the app, register, register your charging stations, and off you go.



### Detailed overview of completed charging sessions

In the charging history, you can view the data from all your registered charging stations. Comprehensive information such as charging duration or power consumption per charging session can be retrieved.



### Wallbox sharing with other users

Would you like to make your charging station available to other users? You can easily authorize other users (e.g., friends, family, guests, or employees) via the app to charge at your wallbox.



### Regular app updates

Webasto provides regular updates to continually optimize the app. The Webasto ChargeConnect App is always up to date and continuously updated with additional, improved features.

\*available soon