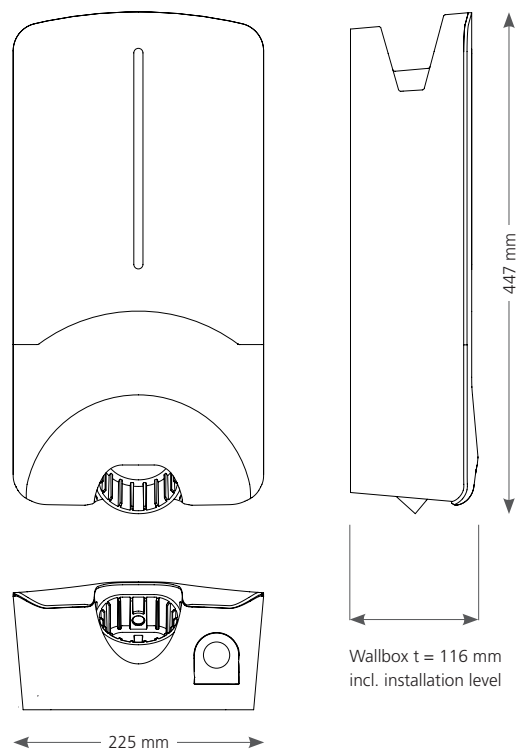


Webasto Live

Hardware | Installation | Service | Connectivity



The Webasto Live boasts the following features:

- Adjustable charging power of 3.7 kW to 22 kW
- Choose from 4.5m or 7m cable type 2 charge coupling
- Future-proof thanks to Plug & Charge (ISO 15118) support
- Support for all current backend systems
- Top security when using RFID through DESFire support
- Integrated 4G modem for best reception at a future-proof standard
- Local charge management for up to 250 charging points, control with no phase delay
- Support for solar and rate-optimized charging through dynamic adjustment of the charging power
- Highest quality "Made in Germany"

Technical specifications	
Electrical characteristics	
Nominal current (A) (configurable connected load values)	16 or 32 3-phase or single phase
Line voltage (Europe)	230 V 1AC 230 / 400 V 3NAC
Grid frequency (Hz)	50/60
Grid forms	TT / TN / IT
Overvoltage category	III as per EN 60664
Protection class	I
Residual current device	The charging station must be protected by a separate residual current device (RCD) of type B with a rated differential current not greater than 30 mA in the terminal installation. The rated current of the RCD may not be less than the maximum charging current of the charging station. In addition, the applicable national installation regulations must be observed.
Integrated power meter	MID-compliant, accuracy class B as per EN 50470-3 / class 1 as per IEC 62053-21
Connections	
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: 6 or 10 mm ² for 16 A and 10 mm ² 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)	3.7 – 22 (adjustable)
Communication & features	
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)
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)
OCPP	Version 1.5 / 1.6 (upgradeable)
Plug & Charge	ISO 15118-1, ISO 15118-2
Local charge management	Up to 250 charging points, dynamic, adjustment with no phase delay
Solar / rate-optimized charging	planned
Mechanical data	
Dimensions (W x H x D) (mm)	225 x 447 x 116
IP protection class, device	IP54
Protection against mechanical impact	IK08
Ambient conditions	
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 m above sea level
Certification compatibility	
Other 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 OCPP backends	Allego, has.to.be, Fortum, Bouygues, Virta, ChargeCloud, Ladenetz, ChargeIT, NTT, Drivz, new motion, Vattenfall, Char.gy