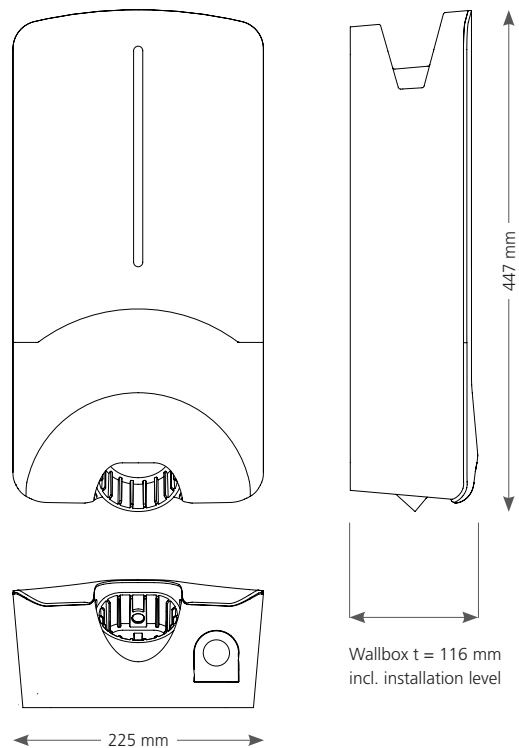


# Webasto Live



## The Webasto Live boasts the following features:

- Scalable charging capacity up to 11 kW or 22 kW, choice of 4.5m or 7m cable length
- MID-compliant meter for recording charging sessions (back-end connection required)
- Future-proof with firmware updates
- Authentication at the charging station using RFID technology
- Integrated 4G modem
- Compatible with commercially available back-end systems via OCPP 1.6 J to manage your charging station digitally
- Userfriendly configuration using Wi-Fi hotspot
- Energy management system (EMS) integration via Modbus
- Local dynamic load management with up to 250 charging points
- Compatible with external meters via Modbus
- Plug & Charge ready (ISO 15118)
- Made in Germany for high-quality manufacturing

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 (No direct solar radiation at installation site)
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 energymanagement systems (EMS)	Beegy, Clemap, Kiwigrid, TQ, Smart1, ChargePilot (TMH)