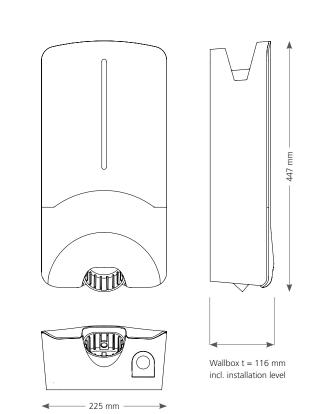




## Webasto Live





## The Webasto Live boasts the following features:

- Scalable charging capacity up to 22 kW, choice of 4.5m or 7m cable length
- MID-compliant meter for recording charges
- Future-proof with software updates
- Authentication at the charging station using RFID technology
- Integrated 4G modem for best coverage
- Compatible with commercially available back-end systems to manage your charging station digitally
- Userfriendly configuration using Wi-Fi hotspot
- Efficient use of the available charging capacity through 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                                 |   |
|--|---|
| Electrical characteristics                               |   |
| 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<br>Immunity: Industrial areas  |
| Overvoltage category                                     | III as per EN 60664   |
| Protection class   |   |
| Protective devices                                       | Country-specific residual current circuit breakers and<br>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   |
| Connections  |   |
| Mounting   | Wall and base mounting (permanently connected   |
| Cable feed   | Mounted on-wall or in-wal   |
| Connection cross-section (wire dimension)                | Cross-section of the connecting cable (Cu   |
|  | taking into account the local conditions and norms<br>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<br>Length: 4.5 m / 7 m – Integrated cable bracker  |
| Output voltage (V AC)                                    | 230 / 400   |
|  |   |
| Max. charging capacity (kW)                              | 11 or 22 (depending on the variant  |
| Communication & features                                 |   |
| Authentication   | - RFID reader MIFARE DESFire EV1 and MIFARE Classic (ISO 14443 A / B     - "Plug & Charge" (ISO 15118   |
| Display  | 8 RGB-LEDs, buzze   |
| Network interfaces                                       | – LAN (RJ45) – 10 / 100 Base-TX<br>– 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 TCF  |
| Other interfaces   | <ul> <li>Modbus (RS485) (for reading external power meters</li> <li>USB 2.0 type A (for servicing only</li> <li>USB 2.0 type B (for servicing only)</li> </ul>                                      |
| Plug & Charge  | ISO 15118-1, ISO 15118-2  |
| Local charge management                                  | Up to 250 charging points, dynamic, adjustment with no phase delay  |
| Mechanical data  |   |
| Dimensions (W × H × 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                     | IKOE  |
| Ambient conditions                                       |   |
| Operating temperature range (°C)                         | -25 to +40<br>(without direct solar radiation)  |
| Temperature behavior                                     | A reduction in charging current or shutdown may occur in oder<br>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 leve   |
| Certification compatibility                              |   |
| Standards and guidelines                                 | – CE conformity<br>– 2014/53/EU Radio Equipment Directive<br>– 2011/65/EU RoHS Directive<br>– 2001/95/EG General Product Safety<br>– 2012/19/EU Waste Electrical and Electronic Equipment Directive |
| Tested compatible backends                               | - 1907/2006 REACH Regulation Webasto, Allego, Chargecloud, Cleanergy EV, Driivz, E-Flux, Everon, Greenflux has.to.be, Last Mile Solutions, Mobility+, Optimile                                      |
|  | SAP e-Mobility, Smartlab Ladenetz, Virta  |