Webasto
Feel the Drive

Webasto Live Charging Solution

Hardware | Installation | Service | Connectivity

447 mm

Wallbox t = 116 mm
incl. Installation level

225 mm
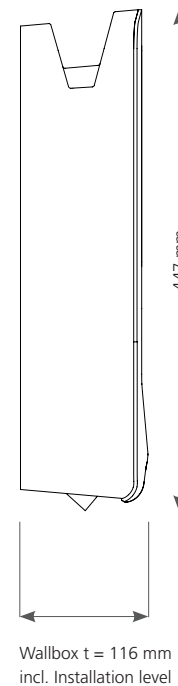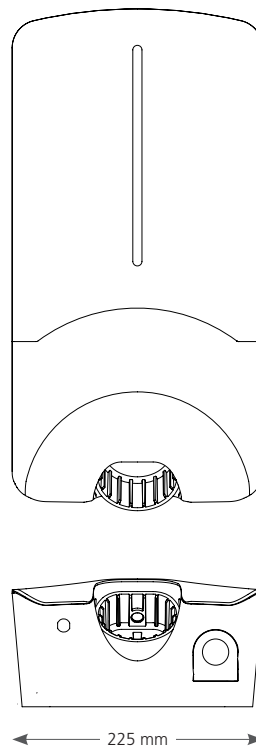
Webasto Live offers the following benefits:
- Power Outpuut from 3.7 kW to 22 kW
- Optionally with 4.5m or 7m cable
- Type 1 (only up to 7.4 kW) and Type 2
- Cost-effective installation thanks to integrated DC-fault detection (≥ 6mA)
- Future-proof by supporting ISO standard 15118 („Plug & Charge")
- Upgrade to OCPP 2.0 for advanced control commands and compatibility with all commercially available back-ends possible
- Maximum security for RFID with DESFire support
- Integrated 4G-modem for strong signal and high data transfer rates
- Local load management for up to 250 chargepoints, phase-accurate control
- Support of solar and tariff optimized charging through dynamic adjustment of charging power
- High 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 1NAC 230/400 V 3NAC
Grid frequency (Hz)	50/60
Overvoltage category	III in accordance with EN 60664
Protection class	I
RCD	RCD I_N = 30 mA Typ A
Residual current protective device	6 mA RDC-MD
Integrated electricity meter	MID-compliant, accuracy class B according to EN50470-3 / class 1 according to IEC62053-21

Connections

Cable feed	On-wall or in-wall mounted
Connection cross section (wire dimension)	The minimum cross section for a standard installation is – depending on the cable and the type of installation – 6mm² (for 16A) and 10mm² (for 32A)
Connection technology	IEC 62196-2
Power supply terminal	Connection line: – rigid (min. – max): 2.5 – 16 mm² – flexible (min. – max): 2.5 – 16 mm² – AWG [American norm for cable gauge] (min.-max): 13 – 6 – flexible (min. – max) with wire end ferrule: 2.5 – 10/2.5 – 10 mm²
Cable	Type 1 charging cable: up to 32 A / 250V AC according to EN 62196-1 and EN 62196-2 Type 2 charging cable: up to 32 A / 400 VAC according to EN 62196-1 and EN 62196-2 Length 4.5 m / 7 m - integrated cable holder
Output voltage (V)	230/400 VAC
Max. charging capacity (kW)	3,7 - 22 (adjustable)

Communiacation & Functions

Locking mechanism	RFID-reader – supported chipsets for 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 Mbps
Mobile	Slot for SIM-card (form factor 3FF / Micro-SIM) integrated 4G-modem (LTE)
Other interfaces	Modbus (RS485) - push-in USB 2.0 Type A USB 2.0 Type B
OCPP	Version 1.6 (upgrade to OCPP 2.0 in 2019)
Plug & Charge	ISO 15118-1 / ISO 15118-2
Local load management	Up to 250 chargepoints, dynamic, phase-accurate control
Solar / tariff optimized charging	Supports

Mechanical Data

Dimensions (W x H x D) (mm) incl. Installation level	225 x 447 x 116
IP protection class	IP54
Protection against mechanical impact	IK08

Ambient Conditions

Operating temperature range (°C)	-25 to +55 (without direct solar radiation)
Temperature behavior	Within the operating temperature range, the charging current is permanently available posed. If the temperature is exceeded, the charge current specification will increase gradually 16 amps reduced, it can also come to shutdowns. After a waiting period, the charging process is automatically restarted
Storage temperature range (°C)	-25 to +70
Absolute relative humidity (%)	5 to 95 non-condensing
Cooling system	Passive
Altitude (m)	Max. 2,000 above sea level

Certifications Compatibility

Other standards and guidelines	CE, IEC-EN 61851-1 / 61851-22, RoHS, REACH
Audited OCPP back-ends	Allego, has.to.be, Fortum, Bouygyes, Virta, ChargeCloud, Ladenetz, ChargeIT, NTT, Driivz, new motion, Vattenfall, Char.gy

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