

Data sheet

AC Liveo 7/11/22



Easy set up, Seamless experience.

AC Liveo are ideal for professional charging requirements with on-board RCD-A and easy installation procedure.

Technical data

Version: 10/2025



Up to 22 kW AC charging until
50°C constantly



Local and remote load
management



Ease of Installation



ISO15118-2
Plug&Charge Ready
ISO15118-20 V2X HW Ready



4.3" Display



German Calibration Law



High Secure Data
Communication



PEN, MID and Dekra
approved on-board RCD-A
all-in-one solution



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Its back-plate mounting design allows all cabling to be completed on the plate prior to installation, enabling a fast and easy setup. The main unit simply clicks into place and can be easily removed for service or replacement, without touching the wiring. This structure saves time, reduces installation costs, and ensures long-term convenience.



Equipped with an on-board RCD-A and the product significantly reduces installation costs-offering not only setup but also cost-efficiency.

In multi-unit installations, the product enables power distribution across sockets based on grid constraints, without requiring any physical cabling for data communication, thanks to its built-in WLAN connectivity.



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General information

Charging mode	AC, mode 3
Number of charging points	1
Charging connector	AC Type-2 Socket, shutter socket or Type-2 tethered cable , Type-1 Tethered Cable
Cable length	5 or 7 meters
IT backend connection	OCP 1.6 / 2.1
Package dimensions (HxWxD)	350x480x275 mm

Mechanical details

Mounting type	Wall or pole mounted
Different Cabinet Options	Liveo
Enclosure material	PC Plastic (5VA flame retardant)
Dimensions (HxWxD)	350x480x275 mm (socket variant) 350x480x300 mm (tethered variant)
Weight	5.3 kg (22kW socket variant)

Electrical data

Max. charging output per charge point	Up to 22 kW
Input: Nominal voltage, number of phases	1-P; 230 Vac $\pm 10\%$, 50/60 Hz 3-P; 400 Vac $\pm 10\%$, 50/60 Hz
Output: Voltage	230-400V
Output: Current	10-13-16-20-25-30-32A (AC7 and AC22 series) 10-13-16A (AC11 series)
Stand-by power consumption	< 5W
Earthing system	3L+N+PE (TN, TT)
IEC Protection class	Class I
RCD-A 30 mA, DC Sensor 6mA	Type-A
Internal Protection	Over Current, Over Voltage, Under Voltage, DC/AC Residual Current, Over Temperature, Short Circuit, Socket Interlock, Surge/Lightning, Earth Fault, Phase-Neutral Reverse Detection
Tamper Switch	Standard

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Connectivity

Communication interface	Wi-Fi (as standard), ethernet (standard), cellular (2G/3G/4G/optional 5G, optional e-SIM)
Protocols for communication with IT backend	OCPP 1.6 / 2.1
Communication with third-party devices	Modbus TCP/IP, EEBUS
Authentication methods	Free mode, RFID, NFC, Mobile Application, ISO15118-2 Plug&Charge, OCPP
User Interface	Web configuration user interface, EVC Wizard Comissioning App
Display (Optional)	4.3"
Built-in MID Meter (Optional)	Accuracy Class B (% 1) Eichrecht approved

Certification

IP protection class	IP54 IP55 (Tethered Cable Model)
Impact resistance	IK 10
Cyber Security	Complying with the Electric Vehicles (Smart Charge Points) Regulations 2021, Radio Equipment Directive - 2014/53/EU (RED 3.3)
Approvals	CE, RoHS, REACH, GPSD, WEEE UL, Eichrecht (German Calibration Law)
Standards	IEC 61851-1/22/, IEC 60950-1/22, IEC TS-62763, IEC 62955, EN 62423

Environmental conditions

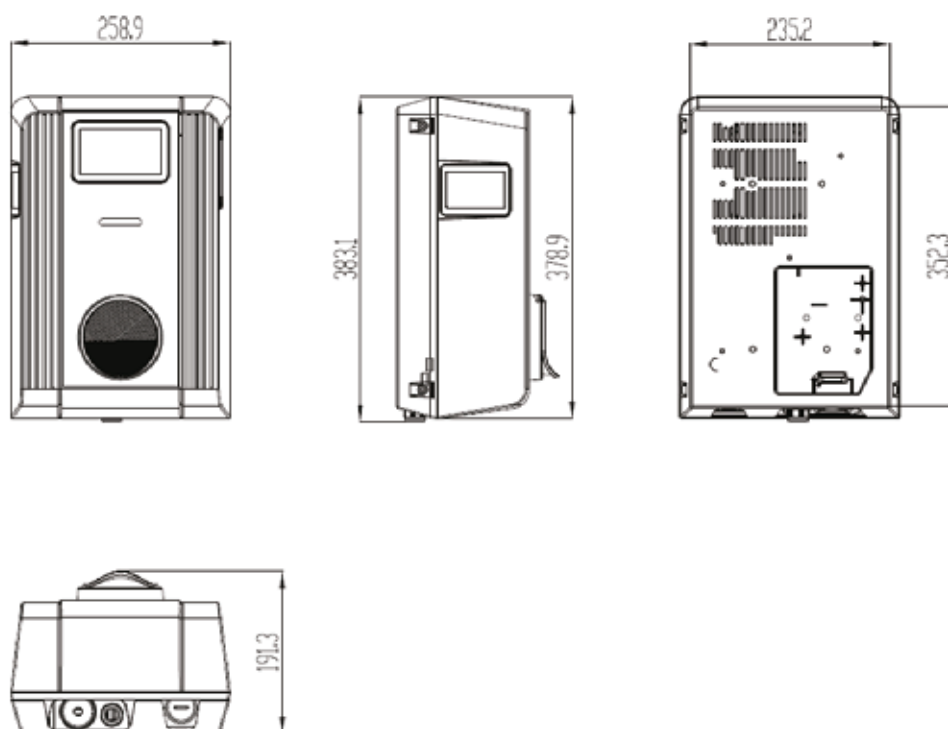
Environmental operating temperature	-25°C to + 50 °C
Humidity	5 % - 95 % (Rel. humidity, non-cond.)
Areas of use	Internal & External areas
Operating altitude above sea level	0-3000m



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Technical drawings



Additional accessories

AC Liveo

Steel stand

Power Optimizer for Dynamic Load Management via Wi-Fi network

Current Transformers (as clamp type) for Dynamic Load Management

Notes

[illegible]