

EV/Box Liviqo

Hassle-free charging
that works for your
business.



EV/BOX

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Technical specifications

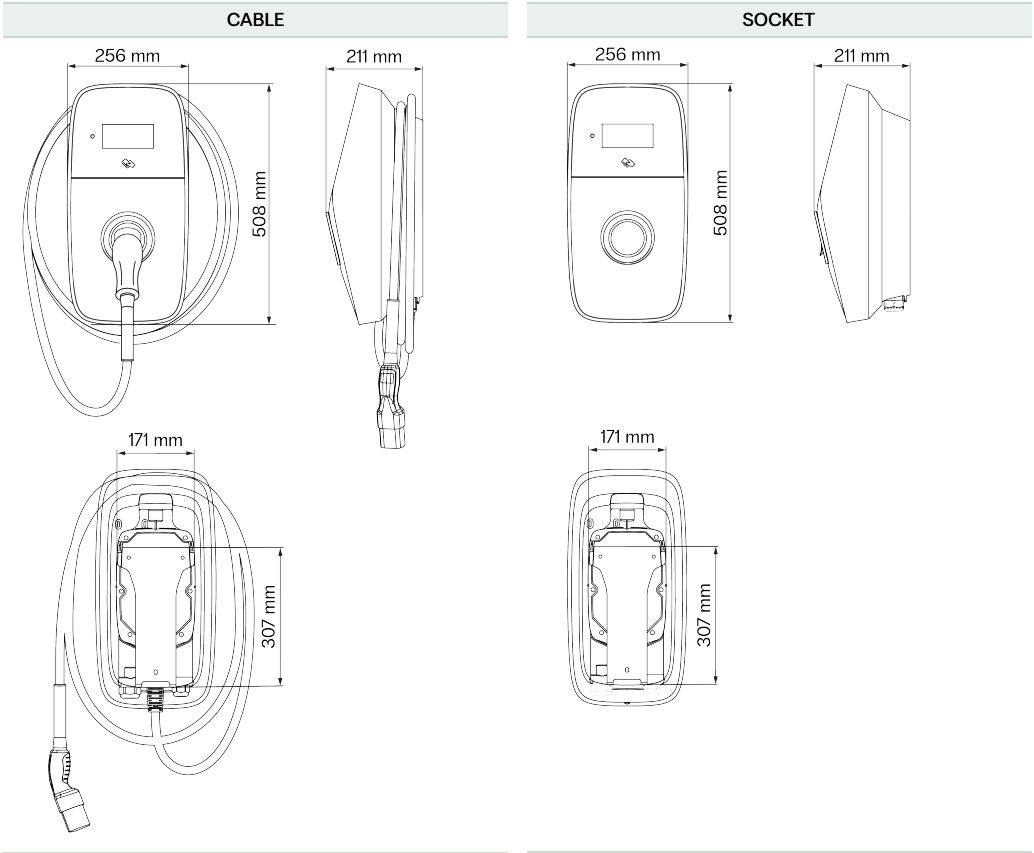
ELECTRICAL PROPERTIES	
Maximum charge rate	Up to 22 kW (3-phase, 32 A)
Charging mode	Mode 3 (IEC 61851-1)
Connector type	IEC 62196-1, IEC 62196-2 compliant: Type 2 plug, 6 m fixed charging cable Type 2 socket Type 2 socket with shutter Type 2 socket with shutter and Type E module ⁽¹⁾
kWh meter	MID-approved with class B accuracy (EN-50470) Eichrecht compliant meter ⁽¹⁾
Input capacity	6 – 32 A configurable 1-phase, 230 V ±10%, maximum 32 A ±6%, 50/60 Hz 3-phase, 400 V ±10%, maximum 32 A ±6%, 50/60 Hz
Power cable sheath diameter	12 – 25 mm
Power cable wire gage	Solid wire: maximum 16 mm ² Stranded wire with ferrule (without plastic sleeve): maximum 10 mm ²
Rated impulse withstand voltage (U _{imp})	4000 V
Rated insulation voltage (U _i)	250 V AC (phase to ground) 450 V AC (phase to phase)
Leakage current detection	Tripping times and limits are compliant with IEC 61851-1:2017 Cl. 8.5. (in accordance with IEC 62955:2018 Table 2). RCBO: Type A or Type B ⁽¹⁾
ENVIRONMENT AND SAFETY CLASS	
Operating temperature range	-30 °C to +50 °C
Storage temperature range	-40 °C to +80 °C
Humidity (non-condensing)	5% to 95%
Maximum installation altitude	2000 m above sea level
Enclosure codes	IP55 (IEC 60529) IK10 (IEC 62262)
Safety class	Safety Class I and overvoltage Category III
Pollution degree of the macro-environment	Pollution degree 3
Electromagnetic compatibility (EMC) classification	Environment A and Environment B (in accordance with IEC 61439-1)

ENVIRONMENT AND SAFETY CLASS		
Mechanical resistance for stationary assembly		High resistance
CONNECTIVITY		
Authorization	RFID reader or using an app	
Wi-Fi	2.4/5 GHz	
Local area network	Ethernet	
Cellular communication	4G LTE-M (2G fallback supported)	
Communication protocol	OCPP 2.0.1	
Smart charging features	DLB, CLB, EEBus compliant, ISO 15118 ready	
PHYSICAL PROPERTIES		
Dimensions (W x H x D)	256 x 508 x 211 mm	
Weight	Cable: Approximately 8.4 kg Socket: Approximately 5 kg	
Power cable entry	Top or bottom	
Housing material	Makrolon RE	
HMI	5" 800 x 480 WVGA IPS LCD, LED ring, Buzzer, Authorization	
CERTIFICATION AND COMPLIANCE		
Power supply input	EV supply equipment permanently connected to AC supply network	
Power supply output	AC EV supply equipment	
Normal environmental conditions	Indoor and outdoor use	
Access	Equipment for locations with non-restricted access	
Equipment type	Stationary equipment that is wall-mounted or pole-mounted	
VARIANTS ⁽²⁾		
Fixed cable	7.4 kW	Q13262EUC00-CHS
	11 kW	Q31662EUC00-CHS
	22 kW	Q33262EUC00-CHS Q33262EUC80-CHS
Socket	11 kW	Q316S2EUC80-CHS
	22 kW	Q332S2EUC00-CHS Q332S2EUC80-CHS Q332S2DEC00-CHS
Socket with shutter	22 kW	Q332SSFR10-CHS Q332SSFR1E-CHS

⁽¹⁾Optional

⁽²⁾See the EVBox LiviQo Type Guide for more information.

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Specifications and performance data contain average values within existing specification tolerances and are subject to change without prior notice.

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