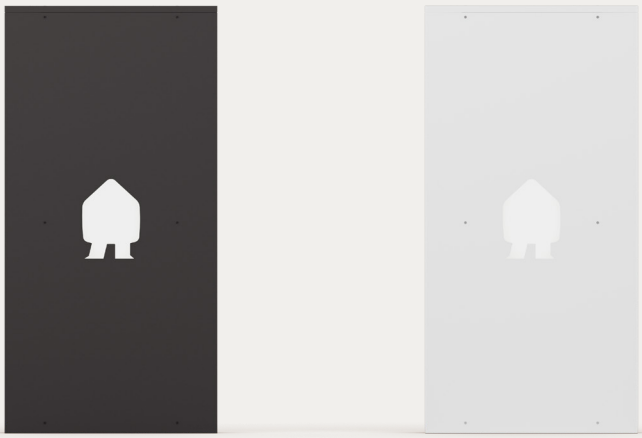
Technical specifications

EV Dual Base socket



Physical features	Dimensions (h × w × d)	1,200 mm × 600 mm × 150 mm
	Weight	40.7 kg
	Material	Magnelis
	Colour	● RAL 7021, ○ RAL 9016
	Mounting method	Ground
	User interface	2.77" LCD display
AC output	Connectors	2 × IEC 62196-2 Type 2 socket with shutter
	Charge mode	Mode 3 (IEC 61851)
	Maximum power	Single-phase connection: 2 × 7.4 kW
		Three-phase connection: 2 × 22 kW
AC input	Main power	230 V/400 V, 32 A
	Rated frequency (f_N)	50 Hz
	Required external protection	1 × power supply: 1 × 2P (single-phase), 1 × 3P (three-phase) or 1 x 4P (threephase with neutral) breaker of max 80 A, type B or C (with internal use of busbar)
		2 × power supply: 2 x 2P (single-phase), 2 x 3P (three-phase) or 2 x 4P (threephase with neutral) breaker of maximum 40 A, type B or C
	Maximum cable dimensions	Ø 12 to 32 mm
	Maximum wire dimensions	Flexible conductors: 16 mm²
		Solid conductors: 25 mm²
Connectivity	Ethernet	Ethernet 100BASE-T
	4G	4G LTE-M via eSIM *(5 years Included)*
Operating conditions	Operating temperature	-25 °C to 50 °C
	Storage temperature	-25 °C to 60 °C
	Relative humidity	0 % - 95 %, non-condensing
	Operating altitude	0 - 2,000 m
	Installation	Indoor and outdoor
	Ingress protection	IP54
	Impact protection	IK10

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Integrated components	Residual current protection	6 mA DC RCM and 30 mA AC RCD type A 10 kA
	Overcurrent protection	Circuit breaker C40
	MID meter	Certified class B
Activation method	Unauthenticated, swipe RFID, scan QR code, Pay Station, Plug & Charge ready	
Communication protocol	OCPP 1.6 J, ready for update to OCPP 2.0.1	
Product certification	CE	
Standards	Digital communication	ISO 15118-2 and ISO 15118-20 (V2G ready, Plug & Charge ready)
	EMC	EN IEC 61851-21-2, EN ETSI 301 489-1, EN ETSI 301 489-52
	Safety	EN IEC 61851-1, EN IEC 62311
	Radio spectrum	EN ETSI 300 220, EN ETSI 301 908-13