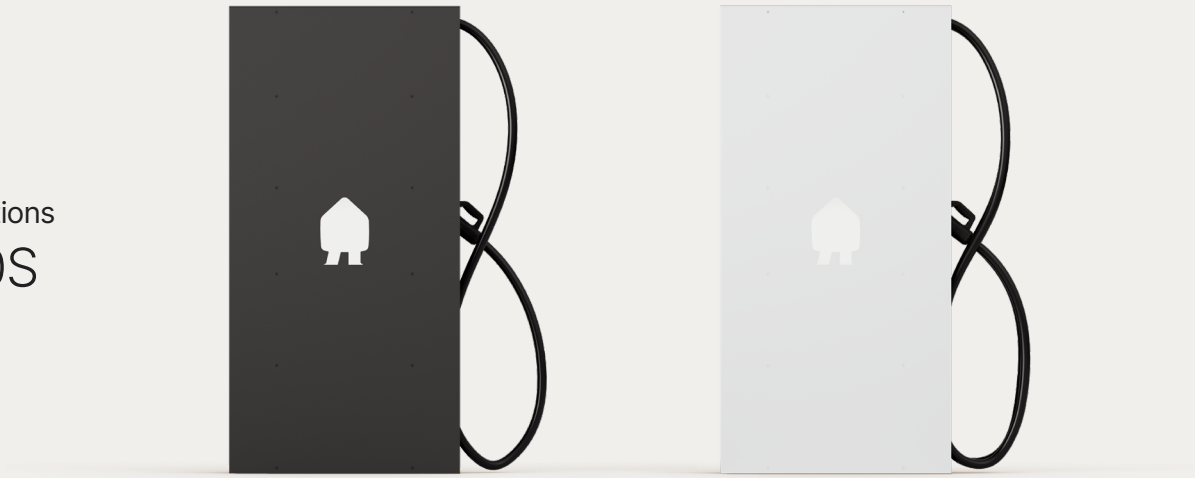
Technical specifications

EV Ultra 80S



Physical features	Dimensions (h × w × d)	1,870 mm × 920 mm × 325 mm
	Weight	230 kg
	Material	Powder coated Magnelis
	Colour	● RAL 7021, ○ RAL 9016
	Mounting method	Ground
	User interface	6.5” RGB display
DC output	Connector	CCS2
	Cable length	1 × 3.25 m
	Max power	1 × 80 kW
AC input	Main power	3 × 400 V + PE / 120 A
	Auxiliary power	3 × 400 V + N + PE / 10 A
	Rated frequency (f_N)	50 Hz
	Power factor	> 0.98 at full operating speed
	Efficiency	> 95% at full operating speed
	Standby power	35 W
Connectivity	Ethernet	100BASE-T
	4G	4G modem
Operating conditions	Operating temperature	-25 °C to 50 °C (derating from 40 °C)
	Storage temperature	-25 °C to 70 °C
	Relative humidity	0% - 95%, non-condensing
	Operating altitude	0 - 2,000 m
	Installation	Indoor and outdoor
	Ingress protection	IP54
	Impact protection	IK10
	Corrosivity (ISO 12944-2)	C4
	Durability (ISO 12944-1)	High

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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, optional Eichrecht certified
Standards	ISO 15118-2 and ISO 15118-20 (V2G ready, Plug & Charge ready) IEC 61851-1, IEC 61851-21-2, IEC 61851-23, ISO 15118-2, ISO 15118-3