

Technical specifications

EV Ultra



80S



240S



40D



120D

Physical features

Dimensions (h × w × d)	1870 × 920 × 325 mm	1870 × 920 × 325 mm	1870 × 920 × 325 mm	1870 × 920 × 325 mm
Weight	230 kg	330 kg	240 kg	340 kg
Material	Powder coated Magnelis	Powder coated Magnelis	Powder coated Magnelis	Powder coated Magnelis
Colour	● RAL 7021, ● RAL 9016	● RAL 7021, ● RAL 9016	● RAL 7021, ● RAL 9016	● RAL 7021, ● RAL 9016
Mounting method	Ground	Ground	Ground	Ground
User interface	6.5" RGB display	6.5" RGB display	6.5" RGB display	6.5" RGB display

DC output

Charging interface	CCS2	CCS2	CCS2	CCS2
Cable length	1 × 3 m	1 × 3 m	2 × 3 m	2 × 3 m
Max power	1 × 80 kW	1 × 240 kW	2 × 40 kW	2 × 120 kW

AC input

Main power	3 × 400 V + PE / 120 A	3 × 400 V + PE / 350 A	3 × 400 V + PE / 120 A	3 × 400 V + PE / 350 A
Auxiliary power	3 × 400 V + N + PE / 10 A	3 × 400 V + N + PE / 10 A	3 × 400 V + N + PE / 10 A	3 × 400 V + N + PE / 10 A
Rated frequency (f _N)	50 Hz	50 Hz	50 Hz	50 Hz
Power factor	> 0.98 at full operating speed	> 0.98 at full operating speed	> 0.98 at full operating speed	> 0.98 at full operating speed
Efficiency	> 95% at full operating speed	> 95% at full operating speed	> 95% at full operating speed	> 95% at full operating speed
Standby power	35 W	35 W	50 W	50 W

Connectivity

Ethernet	100BASE-T	100BASE-T	100BASE-T	100BASE-T
4G	4G modem	4G modem	4G modem	4G modem

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Operating conditions

Operating temperature	-25 °C to 50 °C (derating from 40 °C)	-25 °C to 50 °C (derating from 40 °C)	-25 °C to 50 °C (derating from 40 °C)	-25 °C to 50 °C (derating from 40 °C)
Storage temperature	-25 °C to 70 °C	-25 °C to 70 °C	-25 °C to 70 °C	-25 °C to 70 °C
Relative humidity	0% - 95%, non-condensing	0% - 95%, non-condensing	0% - 95%, non-condensing	0% - 95%, non-condensing
Operating altitude	0 - 2,000 m	0 - 2,000 m	0 - 2,000 m	0 - 2,000 m
Installation	Indoor and outdoor	Indoor and outdoor	Indoor and outdoor	Indoor and outdoor
Ingress protection	IP54	IP54	IP54	IP54
Impact protection	IK10	IK10	IK10	IK10
Corrosivity (ISO 12944-2)	C4	C4	C4	C4
Durability (ISO 12944-1)	High	High	High	High

Communication protocol

	OCPP 1.6 J, ready for update to OCPP 2.0.1	OCPP 1.6 J, ready for update to OCPP 2.0.1	OCPP 1.6 J, ready for update to OCPP 2.0.1	OCPP 1.6 J, ready for update to OCPP 2.0.1
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Activation method

	Unauthenticated, swipe RFID, scan QR code, Pay Station	Unauthenticated, swipe RFID, scan QR code, Pay Station	Unauthenticated, swipe RFID, scan QR code, Pay Station	Unauthenticated, swipe RFID, scan QR code, Pay Station
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Standards

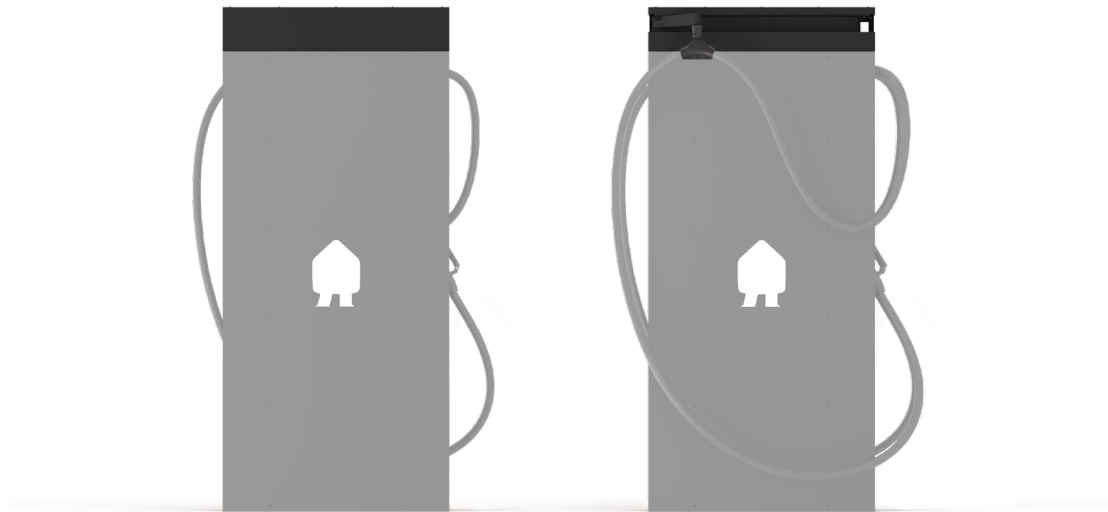
	IEC 61851-1, IEC 61851-2-21, IEC 61851-23, ISO 15118-2, ISO 15118-3	IEC 61851-1, IEC 61851-2-21, IEC 61851-23, ISO 15118-2, ISO 15118-3	IEC 61851-1, IEC 61851-2-21, IEC 61851-23, ISO 15118-2, ISO 15118-3	IEC 61851-1, IEC 61851-2-21, IEC 61851-23, ISO 15118-2, ISO 15118-3
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Product certification

	CE, optional Eichrecht certified	CE, optional Eichrecht certified	CE, optional Eichrecht certified	CE, optional Eichrecht certified
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Cable Management System

Suitable for indoor and outdoor use with 5 and 7 m cables

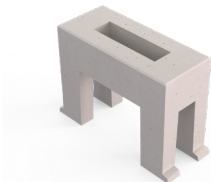


	Single	Double
Dimensions (h×w×d)	920 × 445 × 184 mm	920 × 565 × 184 mm
Weight	23.5 kg	28.5 kg
Working load arm	30 kg	30 kg
Max loading arm	80 kg	80 kg
Max extension	1040 mm	1040 mm
Length of main arm	800 mm	800 mm
Length of sub arm	240 mm	240 mm
Rotation angle main arm	180°	180°
Rotation angle secondary arm	135°	135°
Rotation angle clamp	360°	360°
Color	● RAL 7021	● RAL 7021

Charging cables

	standaard	optioneel	optioneel
Cable length	3 m	5 m	7 m
Weight	9,5 kg	17,5 kg	22,5 kg

Mounting method



	Mounting anchor	Concrete foundation
Dimensions (h×w×d)	699 × 351 × 702 mm	390 × 920 × 700 mm
Weight	23 kg	260 kg
Material	Magnelis	reinforced concrete
Cable entry opening	90 x 533 mm	140 × 520 mm
Extra info	to be filled with concrete	with lifting bolts for placement

Pay Station

Central AFIR-compliant kiosk for multiple chargers

Dimensions (h×w×d)	1454 × 120 × 120 mm
Weight	11.6 kg
Material	aluminium (housing), Magnelis (structure)
Color	● RAL 7021

