

Technical Specification

Eve Single S-line



Product Variants

	Article no.
Eve Single S-line, 3-phase, type 2 socket	904460623
Eve Single S-line, 3-phase, fixed charging cable	904460627

General Product Specifications

Number of sockets	1
Types of sockets	Type 2 socket or fixed charging cable (charging cable holder integrated in product), in accordance with IEC62196-2
Authentication methods	Alfen Plug & Charge RFID card
Status indication	RGB LED
Supported power systems	TN-S, TN-C-S, TT, IT
Nominal output voltage (+/- 10%)	400 V
Maximum design power	22 kW
Residual current protection	Integrated 6 mA DC fault current detection

Communication and Protocols for the Charging Station Management System

Vehicle communication	Mode 3 in accordance with IEC 61851-1 ed. 3 (2017)
Internet/networking possibilities	GPRS 2G LTE Cat M1 4G Ethernet/LAN Wi-Fi / Wireless LAN (802.11 b/g/n, 2.4 GHz)
Supported mobile communication bands	2G: EGPRS quad-band: 850 / 900 / 1800 / 1900 MHz 4G: LTE Cat M1 bands: 3, 8, 20
Communication protocol Central System	OCPP 1.5 (JSON) OCPP 1.6 (JSON) 2nd edition, certified OCPP 2.0.1 (JSON)
Available inputs for Smart Charging	RJ-11: DSMR 4.0-4.2 and SMR5.0 (port P1) or external relay RJ-45: Modbus TCP/IP (external energy meter) or Modbus TCP/IP Client (Energy Management System) RS-485: Modbus RTU (external energy meter)

Environmental conditions and product properties

Operating temperature -	25 °C to +55 °C
Relative atmospheric humidity	5 to 95 %
Electrical safety class	Class I
Ingress protection	IP55
Impact protection	IK10

Weight

Casing Approx.	4 kg
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Standard and Selectable Settings ex Works

Authorization	Alfen Plug & Charge * RFID card *
Maximum charging current	16 A 32 A *
Smart Charging	Off Active Load balancing * Smart Charging Network *
Selected management system	Stand alone ICU Connect * Other options *

The settings marked with * a may result in additional costs when purchasing your charging station. The default settings are always mentioned first. For more information about the options, please contact your sales representative.

Accessoires

Eve Single pole	803873036-ICU
Dimensions (H x W x D)	Pole: 1,180 x 60 x 120 mm (baseplate: 300 x 200 mm) Backplate: 335 x 196 x 3 mm
Material	Stainless steel AISI 304, fine-structure powder coating
Color	RAL 7043 (Traffic Grey B)
Weight	11.4 kg
Eve Single Duo-pole	803881390-ICU
Dimensions (H x W x D)	Pole: 1,180 x 60 x 120 mm (baseplate: 300 x 200 mm) Backplate: 335 x 196 x 3 mm
Material	Stainless steel AISI 304, fine-structure powder coating
Color	RAL 7043 (Traffic Grey B)
Weight	11.4 kg
Concrete base	833829300-ICU
Dimensions (H x W x D)	570 x 350 x 220 mm
Weight	42 kg
Metal base	803828601-ICU
Dimensions (H x W x D)	598 x 204 x 300 mm
Weight	8.2 kg
Type 2 charging cable, 5 m, 3-phase, up to 32 A (22 kW)	203100304-ICU
Type 2 charging cable, 7.5 m, 3-phase, up to 32 A (22 kW)	203100305-ICU

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what matters



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