

Kempower AC Satellite

Version 2

The Kempower AC Satellite is the user-friendly AC charging solution for hybrid and fully electric vehicles.

The AC Satellite extends Kempower's wide EV charging offering. The AC Satellite has either two Type 2 AC charging sockets or two charging cables with Type 2 AC vehicle connectors, and it includes an integrated, MID-approved Class B energy meter.

The AC Satellite with integrated charging cables features Kempower's user-friendly cable support system.

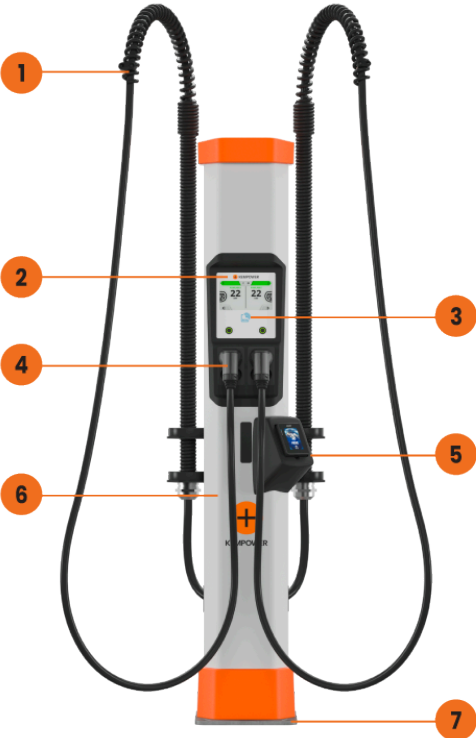


Maximum charging power per output

Up to **22 kW**

Number of charging outputs

2



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- 1 Charging cable support system
 - 2 7" touch screen display
 - 3 RFID reader
 - 4 Vehicle connectors
 - 5 Payment terminal (option)
 - 6 Aluminium frame
 - 7 Mounting flange
-



- 1 7" touch screen display
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Advanced cable support system for premium user experience



Easy-to-use, intuitive user menu on a 7" touch screen display



On-screen QR code for following the charging status on your mobile phone



Optimal for charging plug-in hybrid vehicles



Suitable for overnight charging



Advanced charging control and customization with Kempower ChargeEye

Product code interpretation

ST•AA•7A•P•C0

Kempower AC Satellite Version 2 • 2 x Type 2 AC vehicle connector • 7 m charging cable and vehicle connector • Payter P66 payment terminal • unbranded

Item	Code	Description
Product type	ST	Kempower AC Satellite Version 2
Vehicle connector type	AA	2 x Type 2 AC
Charging cable length (SAA7AS/P)	7A	7 m with charging cables and vehicle connectors
User interface and payment	S	Standard user interface
	O	Payter Apollo: Contactless payment with online PIN entry and verification
	P	Payter P66: Only contactless payments, no strong customer authentication (SCA) possibility
	W	Worldline Valina: Contactless payment with online PIN entry and verification, chip and magnetic stripe reader
Equipment stop	E	Equipment stop button
Branding options	C0	Unbranded: roof and base in black color, no stickers
	Cn	Branded: number (n) indicates branding, e.g. C8

General electrical specifications

Network type	TN-C-S
Overvoltage category	III
Maximum current	2 x 3 phases 32 A
Charging power at 400 VAC	2 x 22 kW
Standby power	25 W

Environmental specifications

Operating temperature	-30...+50 °C
Storage temperature	-40...+60 °C
Ambient air humidity	< 95% relative humidity
Enclosure rating	IP54, IK10 (IK09 for the payment terminal)

Connections and protocols

WiFi	802.11 b/g/n (2.4/5 GHz)
Cellular/GPS ^[1]	LTE-FDD, LTE-TDD, WCDMA, GSM
Ethernet ^[2]	RJ45, IEEE 802.3/802.3u
OCPP	1.6j/2.0.1
Connectivity	Kempower ChargeEye solution
Type 2 AC	IEC 61851-1
Authentication methods	RFID: ISO 14443A, ISO 15693, ISO 14443B (STM SRI512) Customer backend via OCPP Payment terminal

^[1] The single SIM card slot is reserved for Kempower ChargeEye connectivity. The AC Satellite does not have a card slot for the customer's SIM card.

^[2] If the AC Satellite has a payment terminal, Ethernet is not available for an external LAN connection.

Electrical protections

A + B type RCD functionality

Note: Installation according to IEC 62955: Type A RCD to be installed in grid side supply point

Compliance to standards

IEC 61851-1
IEC 61851-21-2
Energy metering: MID class B

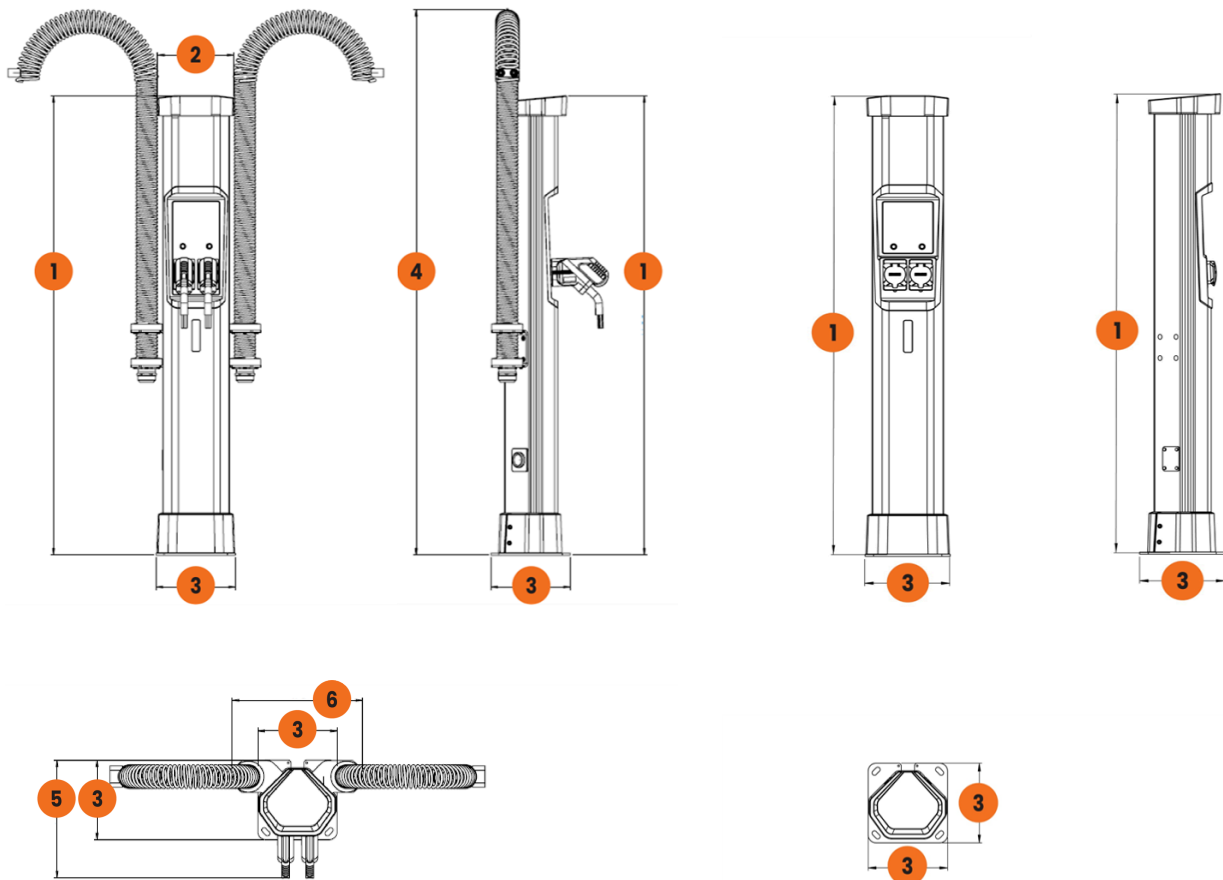
Options

Payment terminal	Payter Apollo: Contactless payment with online PIN entry and verification Payter P66: Only contactless payments, no strong customer authentication (SCA) possibility Worldline Valina: Contactless payment with online PIN entry and verification, chip and magnetic stripe reader
Equipment stop button	
Customized branding	Branding options, such as custom colors and stickers Contact Kempower for availability, pricing, and minimum order quantity

Mechanical dimensions

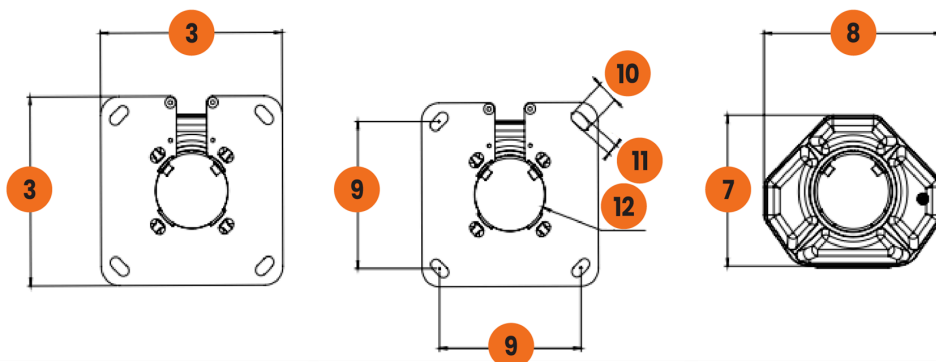
Size (W x H x D)
300 x 1718 x 300 mm

Satellite with two charging outputs

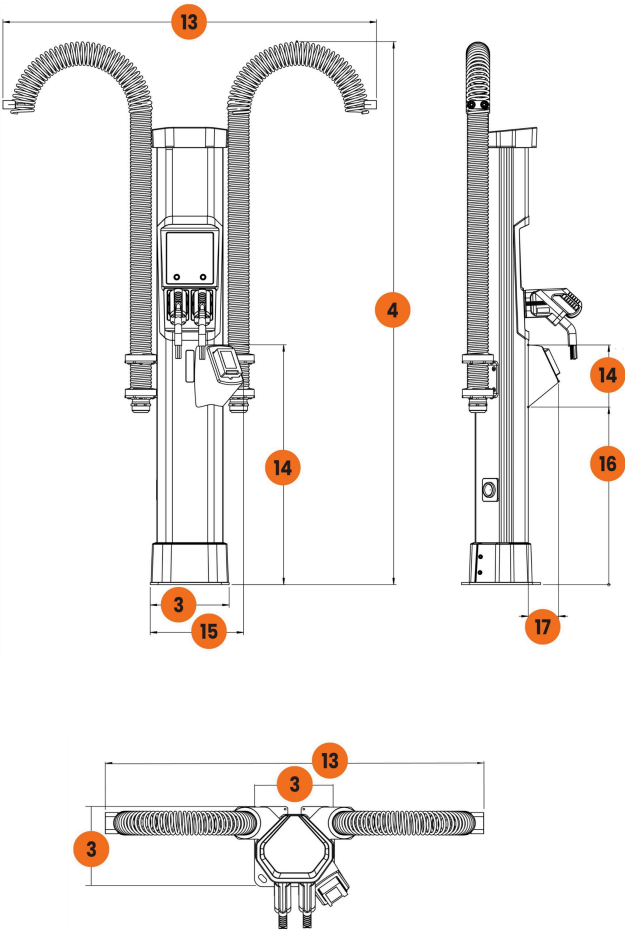


Footprint of standard
installation flange

Footprint with
mounting tube



Satellite with two charging outputs and payment terminal



1	1738 mm	6	493 mm	11	18 mm	16	675 mm
2	289 mm	7	239 mm	12	120 mm	17	115 mm
3	300 mm	8	294 mm	13	1420 mm		
4	2100...2400 mm	9	240 mm	14	911 mm		
5	444 mm	10	36 mm	15	354 mm		