BE-D SERIES

DC CHARGING STATIONS

SCAME
electrical solutions

BE-D Series

BE-D is a range of wall boxes for electric vehicles recharging in DC direct current at 25kW, equipped with one or two cables with a CCS2 or CHAdeMO connector, to be positioned on specific surface mounting holders when not in use.

The user interface is guaranteed by a touch screen display.

BE-D charging stations, equipped with Ethernet-WiFi-2/3/4G connectivity, can be managed through Scame Management System or can be connected to an OCPP backend.

Made of halogen-free technopolymer and embellished with a powder-coated aluminium frame, they are characterized by clean and essential lines, signed by Trussardi+Belloni Design, which make them the ideal choice in any context. A specific pedestal in powder-coated steel allows BE-D charging stations floor mounting.

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Technical information

Main characteristics

01 Rear metal plate to facilitate wall fixing during installation procedure

02 TFT touch screen display activated by a presence sensor to optimize energy consumption in stand-by

03 Connector holders with powder-coated aluminium frame

04 Powder-coated aluminium frame

05 RFID reader for user authentication

06 Connectivity via Ethernet-WiFi-2/3/4G

07 Removable power modules to facilitate the installation procedure

08 Possibility of graphic customization with client's logo

BE logo

Within the vast offer of Scame Parre, the BE logo, alongside the institutional one, identifies and characterizes the line of products intended for electric vehicles recharging.
By exhibiting it, the stations, the charging cables and the related components are the bearers of over twenty years of company experience in the e-mobility sector, going back to 1999 the presentation by Scame Parre of the first connector specifically designed for this application.
Above all, however, they convey the message behind the logo itself: "Be Eco".
An invitation to embrace a concept of sustainable mobility as an integrated part of a lifestyle that respects man and the environment, rather than a recognition for those who have already done so by choosing one of our products.
A logo in the form of a stylized leaf that, almost resting on the product, leaves an indelible mark on it, adding another chapter to the story of passion, sustainability and innovation from that of Scame.

Graphic customization

Wanting to add an identity trait, the BE-D charging stations can be graphically customized by printing your company logo on a portion of the front panel.
Graphic customization must be requested by specifying the code **209.CU01-D** when ordering and by sending your logo exclusively in vector format.
Strongly convinced that design is a fundamental component of the brand and the product, Scame Parre reserves the right not to accept graphic proposals that are incompatible with the image of the brand and its stations.

Application examples

Management system

Scame's charging stations can be monitored and managed remotely via the proprietary Management System or they can be connected to an external management platform via the standard OCPP 1.6JSON communication protocol.

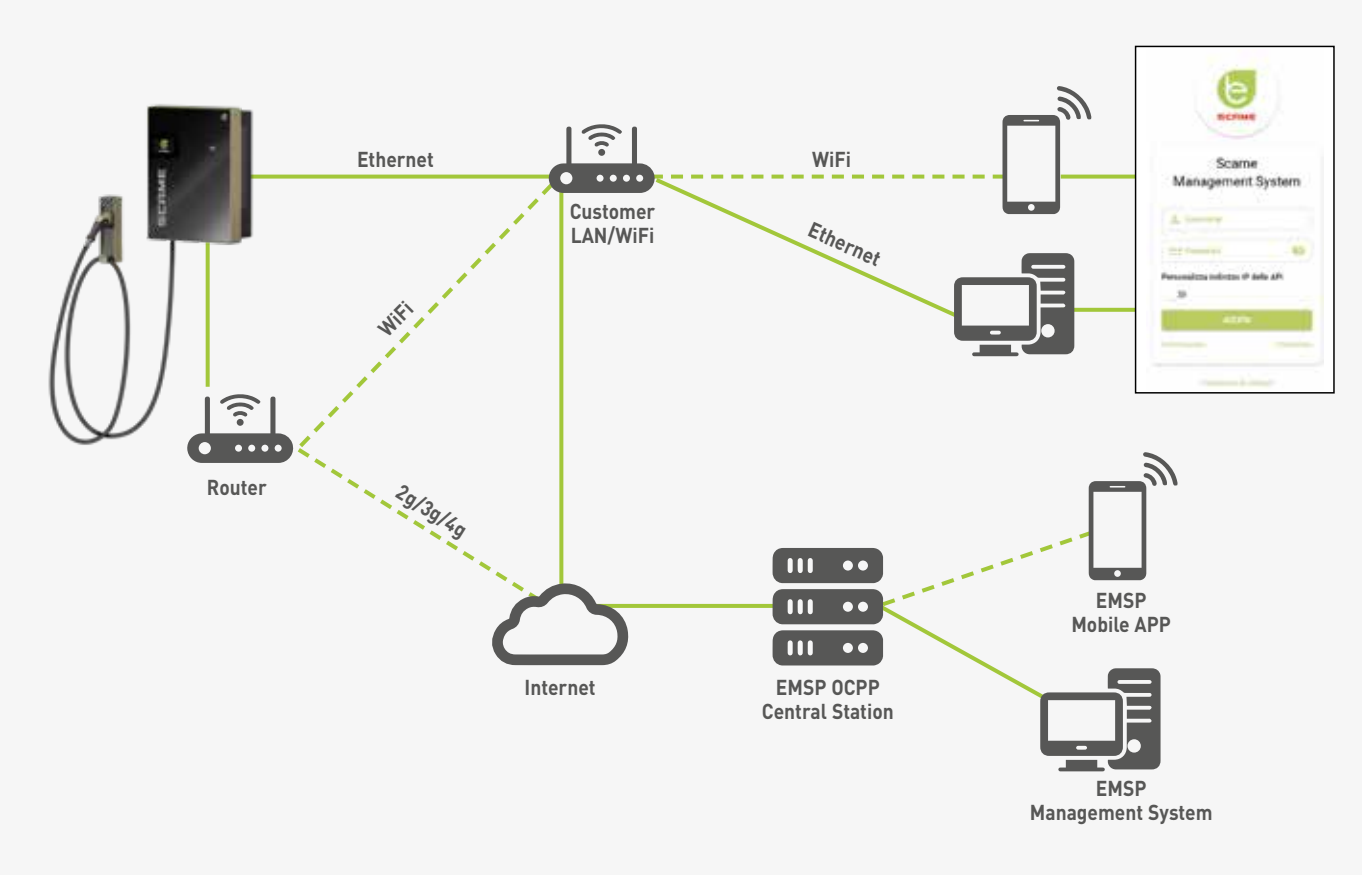
SCAME LOCAL MANAGEMENT SYSTEM

Scame charging stations can be monitored and managed remotely through the proprietary Management System. The software does not require subscriptions.
The Scame Management System must be configured in the local network and does not require any installation of additional software as access takes place with credentials via LAN IP address.
The Scame Management System provides full control of the system and allows for an extensive list of actions and information such as:

- Management of access modes to the charging point (with or without authorization)
- Management of the list of authorized users and any limitations (time or number of accesses)
- Information on the status of the charging points and any error messages
- Start/stop of the charging sessions
- Real-time data of the charging session
- Monitoring of consumption data
- Search/filter/download transaction history
- Limitation of the current available at the recharging point
- Soft reset of the charging point - Hard reset of the entire system
- Firmware and software update
- Web app
- Configuration of links to external platforms via OCPP 1.6JSON

OCPP EXTERNAL MANAGEMENT SYSTEM

Through the Scame Management System it is possible to decide to connect the Master station, with its possible Satellites, to an external management platform via the standard OCPP 1.6JSON communication protocol.
The charging stations connected to an external supervisor will be able to take advantage of the services provided by the platform such as, for example, the billing and station booking operations. Connection to an external platform may require the prior signing of a contract with the same and therefore subscription fees may apply. Scame guarantees compatibility between its charging stations and external management platforms that have been subjected to an OCPP 1.6JSON compatibility test. The list of approved supervisors is available upon request: contact your Scame contact person for more information.



BE-D SERIES

Rated power	Connectors		Features	Code
	CCS2	CHAdeMO		
25kW	1		MANAGEMENT SYSTEM	**206.D91-E10**
		1	MANAGEMENT SYSTEM	**206.D91-E11**
	1	1	MANAGEMENT SYSTEM	**206.D91-E12**

User access mode to stations: free without authentication, with local authentication via user card RIFD or with remote authentication via OCPP Central Station.

CABLE LENGTH:
4,5m

ACCESSORIES

Description	Code
PEDESTAL DIRECT FIXING	**208.AP60**
PEDESTAL BRACKETS FIXING	**208.AP61**
FILTER CLOTHS KIT FOR BE-D	**208.AP64**

SERVICES

Description	Code
COMMISSIONING (COMPULSORY)	**209.ST02**

CCS2
standard

CHAdeMO
standard

DC CHARGING STATIONS

REFERENCE STANDARDS

IEC/EN 61851-1

IEC/EN 61439-7

VERSIONS

1 connector

2 connectors

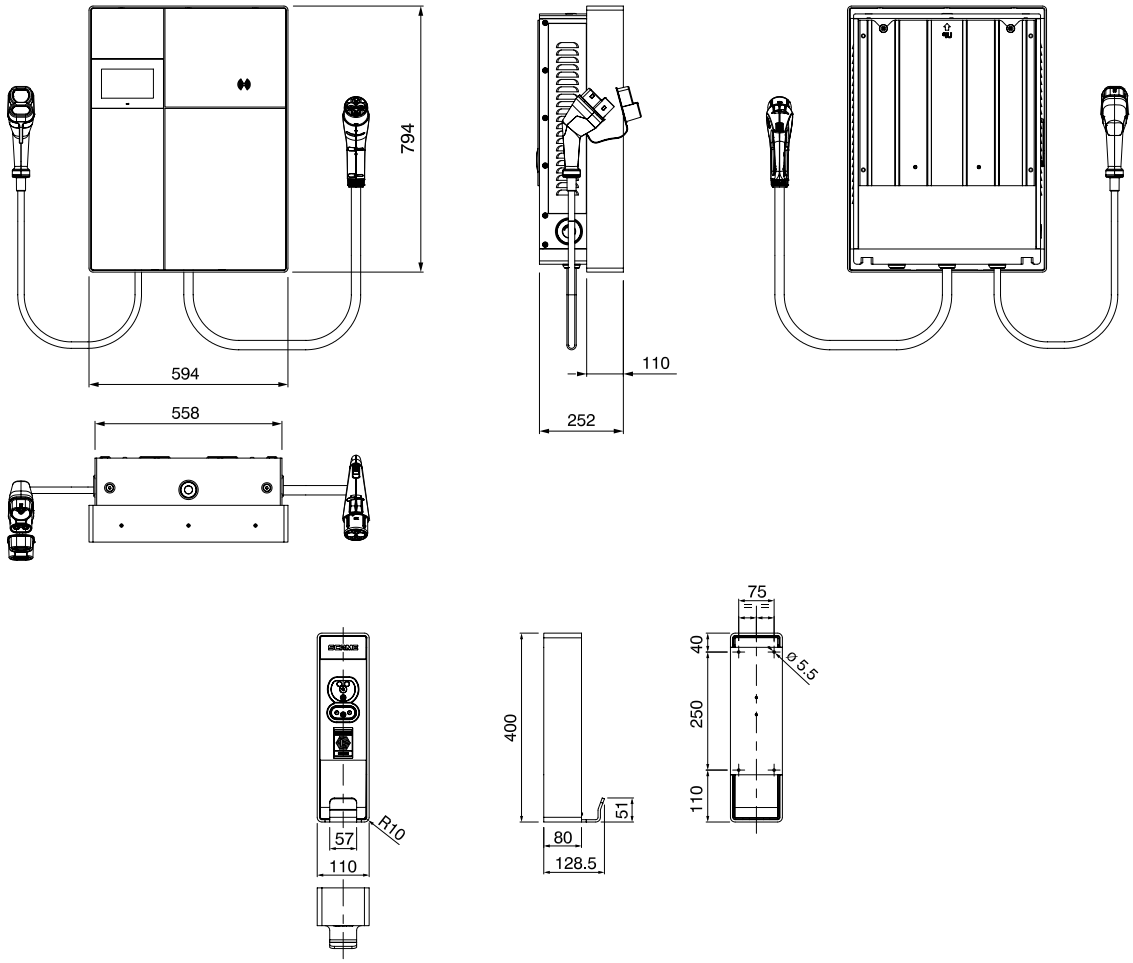
USER INTERFACE AND SYSTEM CONTROL

User interface:	7" TFT touch screen display with adjustable backlight motion and ambient light sensors
Connectivity:	GSM 3G/4G modem Ethernet port 1 x LAN 10/100Mbps WiFi IEEE 802.11b/g/n, Access Point (AP), Station (STA)
User authentication:	Free RFID ISO1443A MiFare Classic, MiFare Plus, MiFare DESFire
Communication protocol:	OCPP 1.6JSON

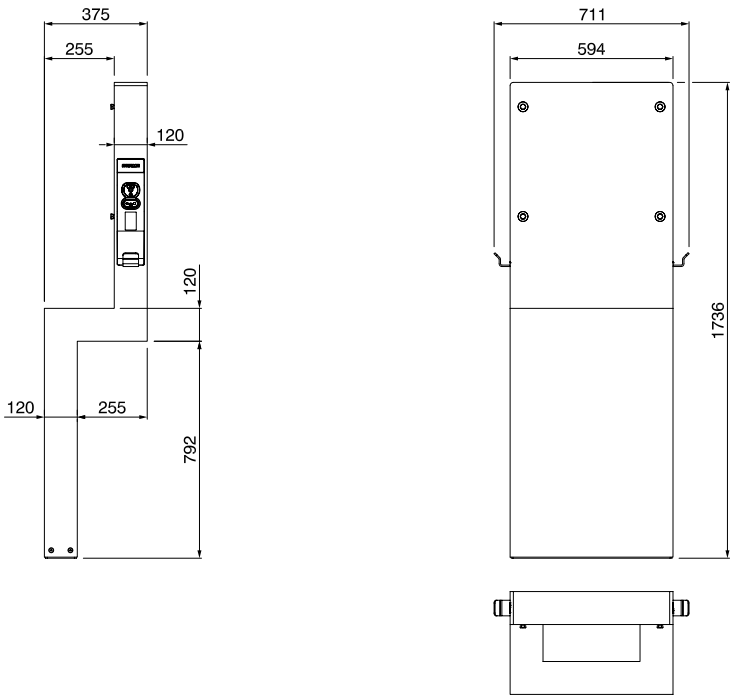
TECHNICAL CHARACTERISTICS

AC input power connection:	3P+N+PE
Supply voltage:	400Vac +/- 10%
AC power supply:	Nominal 27kW 40A - Peak 27kW 40A
Frequency:	50/60Hz
Efficiency:	94% at rated power
Power meter:	Class B MID (Energy meter 3P+N 63A Modbus MID)
Output power:	Peak 25kW - Continuous 25kW
Output voltage:	CCS2 150Vdc - 1000Vdc Chademo 150Vdc - 500Vdc
Output current:	Max 60Adc
Number of DC outputs:	Max 2 connectors
Standards of DC connectors:	CCS2, CHAdeMO
Number of AC outputs:	N/A
Standards of AC connectors:	N/A
Cable length:	4,5m
Number of simultaneous charging sessions:	DC single charging
Protection degree:	IP54
Impact resistance rating (according to IEC 62262):	IK10
Cooling system:	Forced air
Operating ambient temperature:	-30°C +45°C (from 45°C with derating)
Storage temperature:	-30°C +60°C
Operating altitude:	2500m max
Humidity:	5% ÷ 95% non condensating
Acustic noise:	<55 dB in all directions
Material:	Thermoplastic (Halogen Free) Powder-coated aluminium
Weight:	Approximately 70kg excluding the cables
Mounting:	Surface mounting
Pedestal:	Optional
Emergency pushbutton:	Yes

Code 206.D91-E10
206.D91-E11
206.D91-E12



Code 208.AP60
208.AP61



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