



BE-M SERIES

DC FAST CHARGING STATIONS



BE-M Series

BE-M is a range of charging stations for the fast charging of electric vehicles in DC direct current up to 150kW.

Made of sturdy painted steel sheet, they are equipped, depending on the version, with two cables with CCS2 and/or CHAdeMO connectors and a cable with Type 2 connector for AC alternating current charging.

A version with a single CCS2 connector and a nominal power of 60kW is also available.

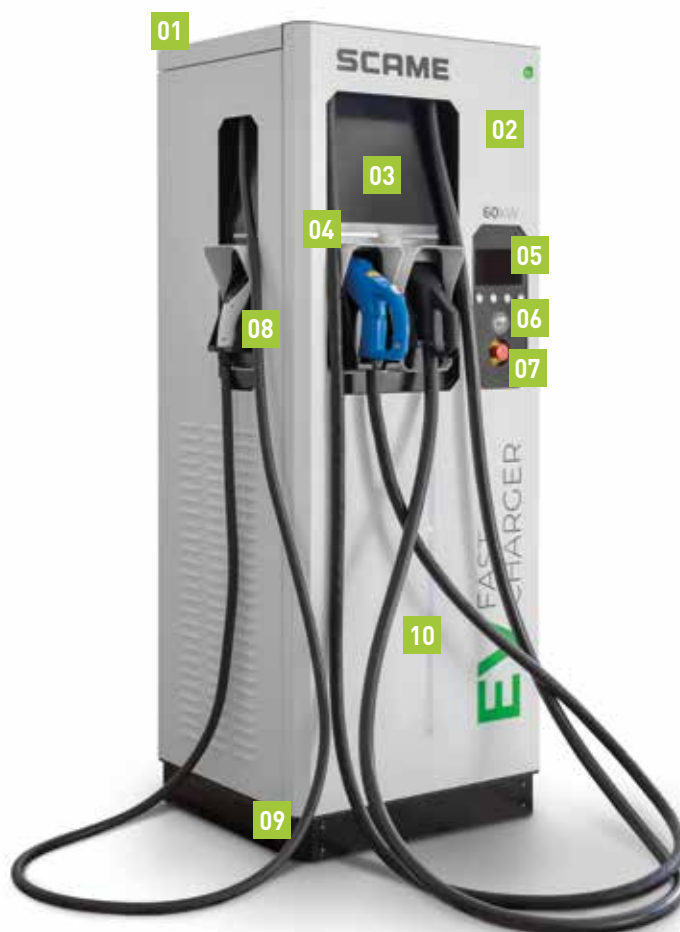
The user interface is guaranteed by a display with integrated ambient light sensor.

BE-M charging stations, equipped with Ethernet-WiFi-2/3/4G connectivity, can be connected to an OCPP backend.

 technical sheet **p. 6**

Technical information

Main characteristics



01 Removable metal hooks for lifting the station facilitating its handling

02 Structure in painted steel sheet

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

04 Charging status LED

05 TFT display with integrated ambient light sensor

06 RFID reader for user authentication

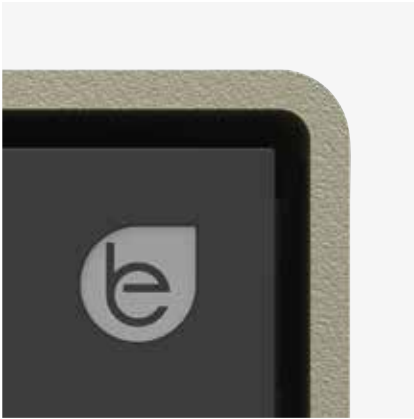
07 Emergency push button

08 Possibility of a Type 2 connector for AC charging in addition to the one or two connectors for DC fast charging

09 Base designed for inserting the forklift forks to facilitate the handling of the station

10 Possibility of graphic customization of the housing according to client's brand (on demand)

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-M charging stations can be graphically customized according to customer's brand.

Graphic customization must be requested by specifying the code **209.CU01-M** 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






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**CABLE LENGTH:
3m**

Rated power	Connectors			DC simultaneous charge ¹⁾	Model	Code
						
	CCS2	CHAdeMO	Tipo 2			
60kW	1				BE-M 60H-C	206.M91-F100
	1	1			BE-M 60H-CJ	206.M91-F120
	1	1		•	BE-M 60H-CJ-D	206.M91-F150
	1	1	1		BE-M 60H-CJA	206.M91-F12V
	1	1	1	•	BE-M 60H-CJA-D	206.M91-F15V
	2			•	BE-M 60H-CC-D	206.M91-F160
	2		1	•	BE-M 60H-CCA-D	206.M91-F16V
90kW	1	1		•	BE-M 90H-CJ-D	206.M91-G150
	1	1	1		BE-M 90H-CJA	206.M91-G12V
	1	1	1	•	BE-M 90H-CJA-D	206.M91-G15V
	2			•	BE-M 90H-CC-D	206.M91-G160
	2		1	•	BE-M 90H-CCA-D	206.M91-G16V
120kW	1	1		•	BE-M 120H-CJ-D	206.M91-H150
	1	1	1		BE-M 120H-CJA	206.M91-H12V
	1	1	1	•	BE-M 120H-CJA-D	206.M91-H15V
	2			•	BE-M 120H-CC-D	206.M91-H160
	2		1	•	BE-M 120H-CCA-D	206.M91-H16V
150kW	1	1		•	BE-M 150H-CJ-D	206.M91-I150
	1	1	1		BE-M 150H-CJA	206.M91-I12V
	1	1	1	•	BE-M 150H-CJA-D	206.M91-I15V
	2			•	BE-M 150H-CC-D	206.M91-I160
	2		1	•	BE-M 150H-CCA-D	206.M91-I16V

¹⁾ AC/DC simultaneous charge always supported



CCS2
standard

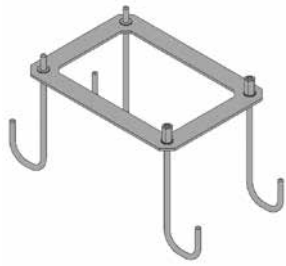


CHAdeMO
standard



Type 2
standard

■ ACCESSORIES



Description	Code
ANCHOR PLATE KIT	208.AP84



■ SERVICES

Description	Code
COMMISSIONING (COMPULSORY)	209.ST03

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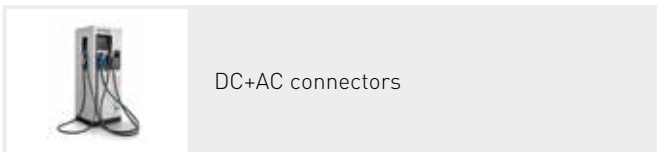
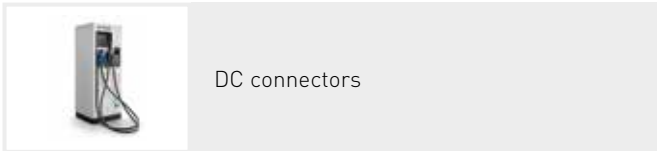


REFERENCE STANDARDS

IEC/EN 61851-1

IEC/EN 61439-7

VERSIONS



USER INTERFACE AND SYSTEM CONTROL

User interface:	7" LCD display, push buttons for commands
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 ISO/IEC 14443 A/B MiFare Classic, MiFare Plus
Communication Protocol:	OCPP 1.6JSON

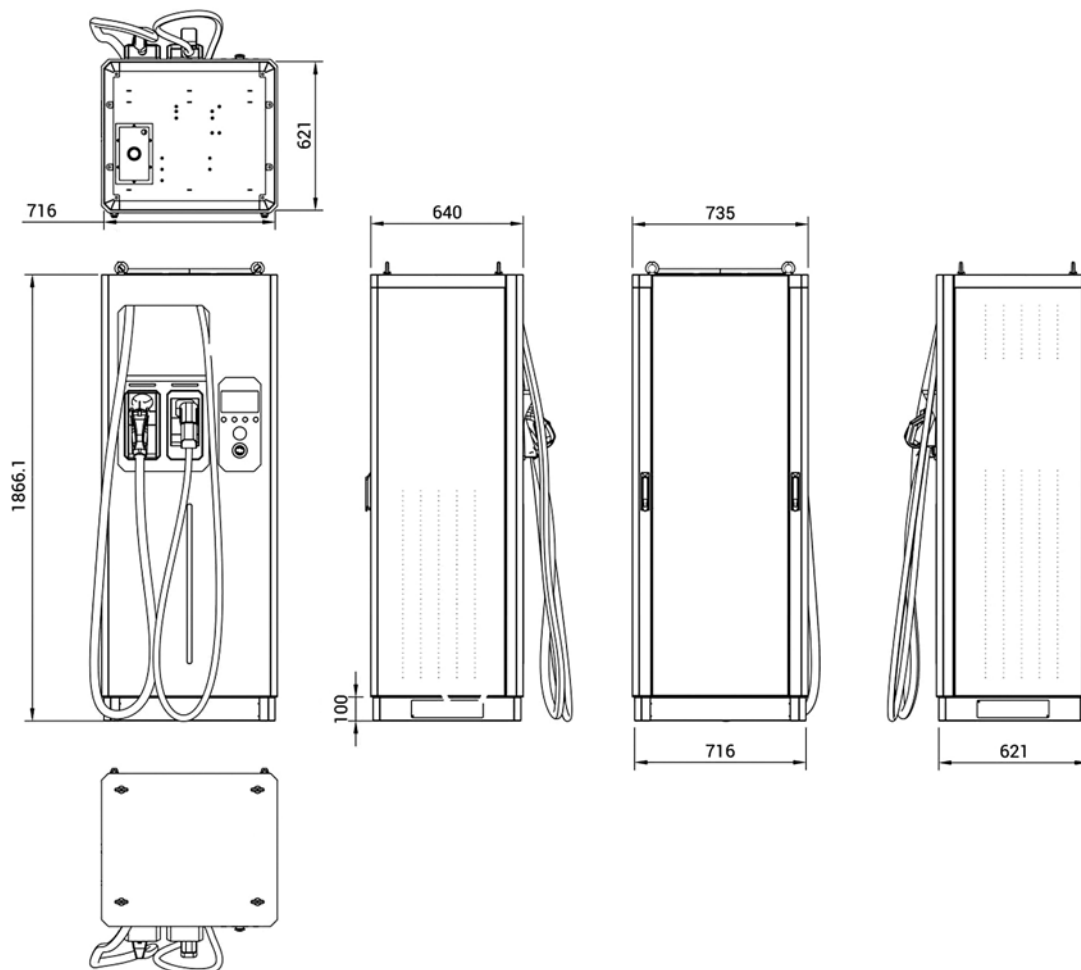
TECHNICAL CHARACTERISTICS

Number of DC outputs:	Max 2 connectors
Standards of DC connectors:	C: CCS2 J: CHAdeMO
Number of AC outputs:	Max 1 connector
Standards of AC connectors:	A: Type 2
Cable length:	3m (max 7,5m on demand)
Number of simultaneous charging sessions:	DC single charging DC+AC simultaneous charging DC+DC+AC simultaneous charging
Protection degree:	IP54
Impact resistance rating (according to IEC 62262):	IK10
Cooling system:	Forced air
Operating ambient temperature:	-25°C +60°C (from 50°C with derating)
Storage temperature:	-30°C +60°C
Operating altitude:	Max 2000m
Humidity:	5% ÷ 90% non condensating
Material:	Sheet steel
Weight:	330Kg ÷ 440Kg including the cables
Mounting:	Floor mounting
Emergency pushbutton:	Yes

ELECTRICAL CHARACTERISTICS

Model	BE-M60H	BE-M90H	BE-M120H	BE-M150H
Rated power	60kW	90kW	120kW	150kW
Input power				
Rated voltage	400Vac ± 10%, 3P+N+PE, 50/60Hz			
AC current (DC/DC+AC)	92A/156A	138A/202A	184A/248A	230A/294A
Power (DC/DC+AC)	63kVA/106kVA	95kVA/138kVA	127kVA/170kVA	158kVA/201kVA
Power factor	0,99 at nominal output			
THD	<5%			
Efficiency	96% at rated output power			
Output power				
DC voltage range	150-920Vdc			
DC max current CCS2	150A	200A	200A	200A
DC max current CHAdeMO	125A	125A	125A	125A
DC max power CCS2 at 400V	60kW	80kW	80kW	80kW
Simultaneous charging sessions CCS2+CCS2	30+30kW	60+30kW	60+60kW	90+60kW

Code 206.M91-...



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