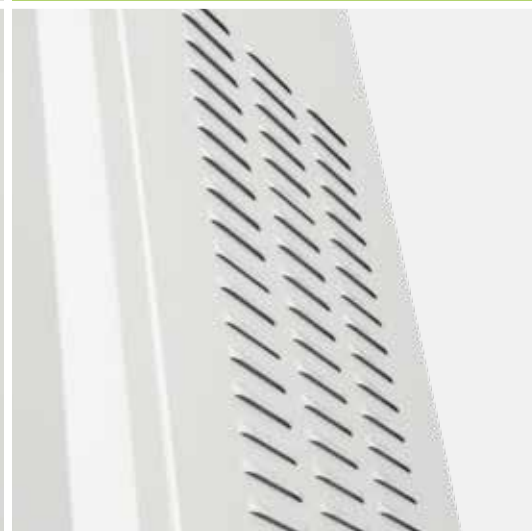




# BE-M SERIES

FAST DC CHARGING STATIONS





## BE-M Series

BE-M is a range of charging stations for ground installation for the DC fast charging of electric vehicles, available with rated powers of 60kW-90kW-120kW-150kW-180kW.

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

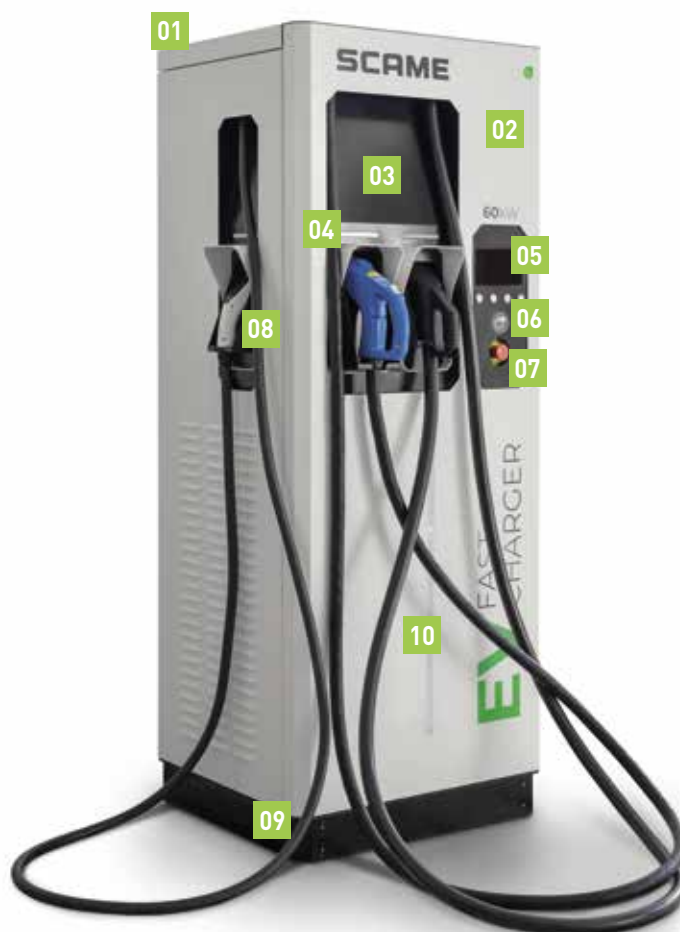
The user interface is guaranteed by a display with integrated ambient light sensor and push buttons.

BE-M charging stations, equipped with Ethernet-WiFi-2/3/4G connectivity, can be connected to an external E- Mobility Service Provider via standard OCPP communication protocol.

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

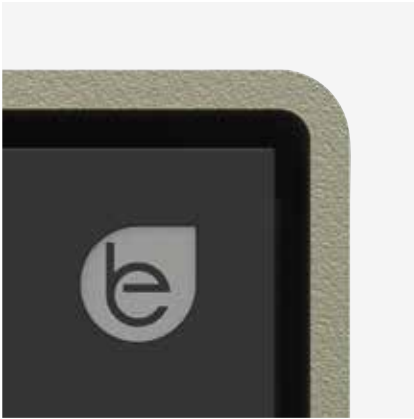
**07** Emergency push button

**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 housing of the BE-M Series charging stations can be graphically customized with your company logo.

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






# BE-M SERIES

## BE-M SERIES



**CABLE LENGTH:  
3m**

Rated power	Connectors			DC simultaneous charge <sup>1)</sup>	Model	Code
						
	CCS2	CHAdeMO	Type 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
180kW <sup>2)</sup>	1	1		•	BE-M 180H-CJ-D	206.M91-J150
	1	1	1		BE-M 180H-CJA	206.M91-J12V
	1	1	1	•	BE-M 180H-CJA-D	206.M91-J15V
	2			•	BE-M 180H-CC-D	206.M91-J160
	2		1	•	BE-M 180H-CCA-D	206.M91-J16V

<sup>1)</sup> AC/DC simultaneous charge always supported

<sup>2)</sup> Under development



CCS2  
standard

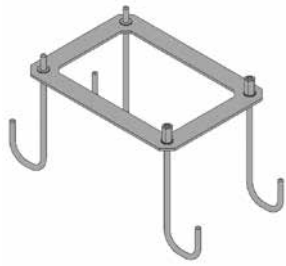


CHAdeMO  
standard



Type 2  
standard

## ■ ACCESSORIES



Description	Code
ANCHOR PLATE KIT	208.AP84



## ■ SERVICES

Description	Code
GRAPHIC CUSTOMIZATION	209.CU01-M
COMMISSIONING (COMPULSORY)	209.ST03

# BE-M SERIES

## FAST DC CHARGING STATIONS



## REFERENCE STANDARDS

IEC/EN 61851-1

IEC/EN 61439-7

## VERSIONS



DC connectors



DC+AC connectors

## USER INTERFACE AND SYSTEM CONTROL

HMI:	<b>7" LCD display, push buttons for commands</b>
Connectivity:	<b>GSM 3G/4G modem Ethernet port 1 x LAN 10/100Mbps WiFi IEEE 802.11b/g/n, Access Point (AP), Station (STA)</b>
User authentication:	<b>Free RFID ISO/IEC 14443 A/B MiFare Classic, MiFare Plus</b>
Communication Protocol:	<b>OCPP 1.6 JSON</b>

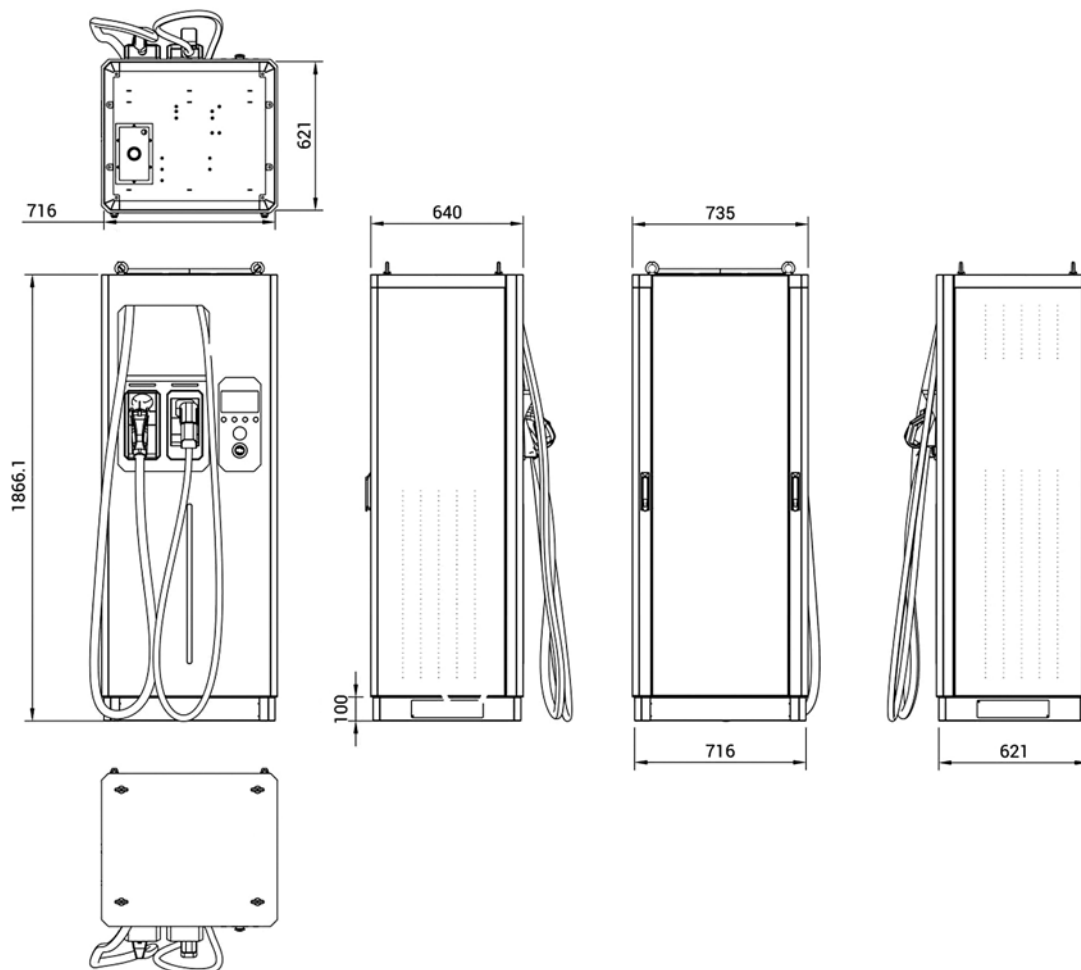
## TECHNICAL CHARACTERISTICS

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

**ELECTRICAL CHARACTERISTICS**

Model	BE-M60H	BE-M90H	BE-M120H	BE-M1500H	BE-M180H
Rated power	60kW	90kW	120kW	150kW	180kW
<b>Input power</b>					
Rated voltage	400Vac ± 10%, 3P+N+PE, 50/60Hz				
AC current (DC/DC+AC)	92A/156A	138A/202A	184A/248A	230A/294A	274A/340A
Power (DC/DC+AC)	63kVA/106kVA	95kVA/138kVA	127kVA/170kVA	158kVA/201kVA	190kVA/233kVA
Power factor	0,99 at nominal output				
THD	<5%				
Efficiency	96% at rated output power				
<b>Output power</b>					
DC voltage range	150-920Vdc				
DC max current CCS	150A	200A	200A	200A	200A
DC max current CHAdEMO	125A	125A	125A	125A	125A
DC max power CCS at 400V	60kW	80kW	80kW	80kW	80kW

**Code 206.M91-...**



ZP01217-EN-1  
8 001636 416779



SCAME PARRE S.p.A.  
Via Costa Erta, 15 - 24020 Parre (BG) Italy  
Tel. +39 035 705000 - Fax +39 035 703122



[www.scame.com](http://www.scame.com)  
[export@scame.com](mailto:export@scame.com)

