






Residential plug-in charging solution

CM-Home allows to charge electric vehicles and plug-in hybrids. This solution can be easily adapted to any installation such as private garages or shared parking lots, both indoors and outdoors.

Main Features

- It have Wifi and Bluetooth connection to permanently connect to our platform.
- Free App to setup, manage, supervise and update (FW) the CM-Home.
- Compact and ergonomic design.
- Smart and programmable power charging.
- Electric energy meter included.
- External input and Bluetooth recognition for remote charging control.
- Charging and alarm states LED lighting indication.
- Robust ABS-PC Plastic enclosure and UV resistant.
- CM-Home can be customized with your own trade mark.
- Other customizations on demand.

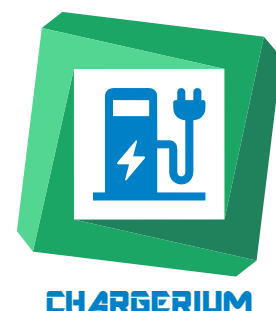
Models

Charging Model	CM-HOME-S-#-#	CM-HOME-T-#-#	
AC Input Voltage	230 Vac (1P + N + PE)	400 Vac (3P + N + PE)	
Rated Current	32 A (1P)	32 A (3P)	
Power	7,4 kW	22 kW	
Number of plugs	1		
Socket Types	hose with connector Type 1 	hose with connector Type 2 	socket Type 2 

Versions	BASIC	MIDDLE	STANDARD	ADVANCED	EXPERT	PREMIUM
Features Energy meter	x	x	x	✓	✓	✓
WIFI / BLE	x	✓	✓	✓	✓	✓
RS485 Modbus-RTU	x	x	✓	✓	✓	✓
Ethernet 10/100	x	x	x	x	✓	✓
4G / 5G / NB-IoT	x	x	x	x	x	✓



CHARGERIUM - C/ Ancianitat, 36 - 08225 - Terrassa (Barcelona) - Spain
 ☎ +34 93 734 94 64 - info@chargerium.eu - www.chargerium.eu



* These features may change without prior notice.



General specifications

Protection Rating	IP54 / IK10
Enclosure material	ABS / PC
Colour	White or Black
Cable length	5 m (7 m optional)
Charging mode	Mode 3 (IEC 61851-1)
Dimensions	220x220x108 mm (without cable)
Weight	3.5 kg (without cable)
Operating temperature	-25 °C to 45 °C
Storage temperature	-40 °C to 70 °C
Operating humidity	5% to 95% Non-condensing

Electrical specifications

Cable Section	5 x 6 mm ²
Configurable Current	from 6 A to rated current
Rated Frequency	50 Hz / 60 Hz
Overvoltage Category	CAT III
Electrical protections	External, according to HD 60364-7-722

User interface and communications

Connectivity	Wi-Fi - 2.4GHz IEEE 802.11b/g/n Bluetooth v4.2 / BLE / OCPP V1.6J
User Identification	Serial Communication devices / BLE / NFC App / Web / Face recognition
User Interface	App / Web
Charger Status Information	RGB LEDs / App / Web
Included Features	Smart Power Balance

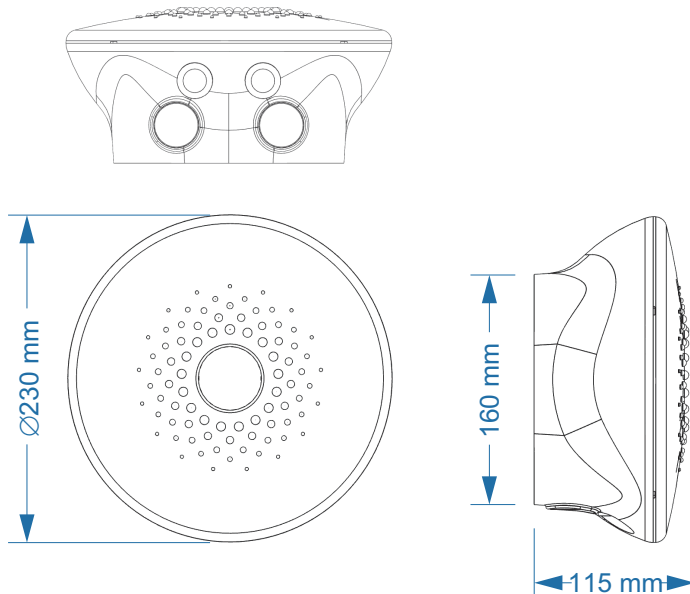
Standards

EV Chargers and Connectors	EN IEC 61851-1:2019, EN IEC 62196-1:2014
EMC	IEC 61851-21-2:2018
Safety	EN IEC 62368-1:2020

Protections

Power-On self-test	Over-temperature	Safety timer
Black-out of the AC input	Automatic shutdown on battery disconnection	Latching contactor detection

Dimensions



Charging and alarm states
LED lighting indication