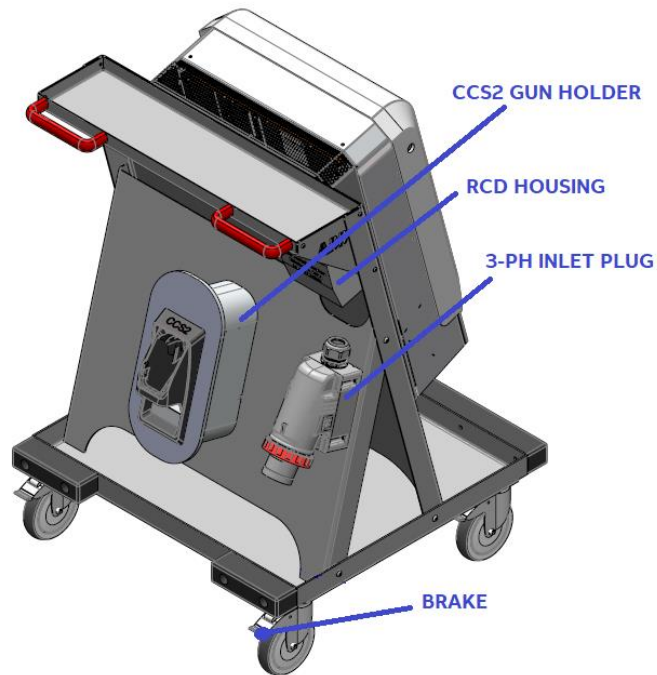


## 12 Appendix C – Use with Mobile Cart

### 12.1 DC WALLBOX mobile Cart





Terra DC WALLBOX Charger is provided and assembled with a stainless steel trolley for DC WALLBOX

DC Wallbox mobile cart include:

- stainless steel material AISI grade 304 (1.4301) material thickness 4.0 mm
- 2 push handles made from plastic (color: red RAL 3000)
- gun-holder CCS type 2 gold version
- CEE inlet connector 63A 5P IP 67
- base plate design with rubber fenders and 4 150 mm diameter wheels
- castors made from non-marking and electrically conductive material, with locking brakes
- 40 A, A type, 30 mA Residual Current Circuit Breaker

dimensions (W x D x H): 800 x 820 x 1125/1202,5 mm

Available only with:

- ABB6AGC077815 TERRA DC WALLBOX CE 24 C 0-7M-0-0
- ABB6AGC077816 TERRA DC WALLBOX CE 24 C 7-7M-0-0

## 12.2 Recommendations for use

- Using between temperature range of **-20°C to +45°C**

- To supply the mobile cart is recommended the using of the type **H07RN-F with 5 cores** as AC supply cable (not provided). Section of cores 6 mm<sup>2</sup> (5G6).
- Ensure that earth connection is provided to the cart from AC cable
- Do not storage AC supply cable (not provided) on the mobile cart
- Remote serviceability operations may be performed only during turn on of the DC Wallbox mobile cart.
- Do not leave the product exposed to weather conditions (rain, sun, frost, etc) for long time OR we need to advise proper storage instructions
- Do not use DC Wallbox Mobile Cart outdoor uncovered in heavy rainy or extreme weather conditions

**NOTICE**

The DC Wallbox Mobile Cart is equipped with A-Type 40 A RCD. Is recommended to use in the upstream power line protection devices with equal or greater rated current. Protection of power line upstream of DC Wallbox Mobile Cart is up to customer in order to respect local regulations.

**NOTICE**

The DC Wallbox Mobile Cart is designed to works only in flat areas. It is recommended to not incline the cart taking by handles in order to overcome steps. To rise or fall to a different level please use ramps (for small difference) or pallet truck (in case of greater differences). Ramps have to be able to support the 160 kg of the product plus the operator weight.

### 12.2.1 Steps to use the Mobile Cart

1. Remove the brakes from the wheels of the cart before trying to move it



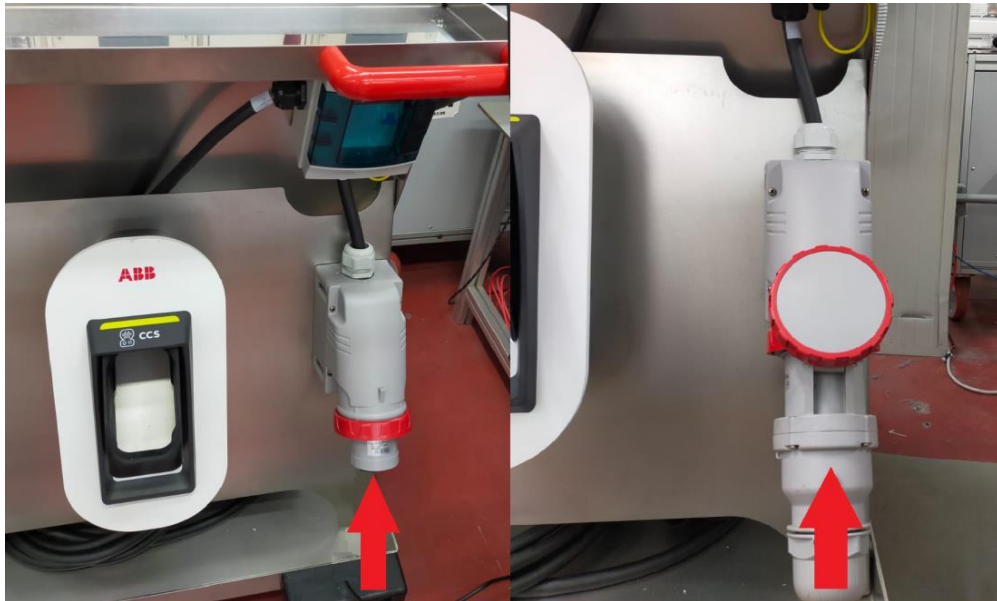
2. Move the cart to desired location



7. When desired location is reached, put the brakes of each castor, this will keep the cart from rolling away when you want it to stay put.



8. Connect the AC inlet with AC 3-phase power supply cable when NOT POWERED by disconnecting the upstream switch (We need to show what is the upstream switch and the location of it, i think it sounds confusing and we need to re-phrase). I assume that also clients will read this



5. Locking securely the plug with screw locking system and turn on the upstream switch
6. Open the door of the RCD housing installed in the cart and turn on the RCD and wait and verify about DCWB is turned on. Close the door of the housing



7. Remove the connector CCS2 from gun holder and connect with vehicle



8. Now it is allowed to start the charging session. Press “start” button in the screen



9. At the end of charging session remove the connector from the vehicle and can be possible to start another charging session in other vehicles that can be reached, otherwise put in the gun holder
10. Cable have to be wrapped around gun holder





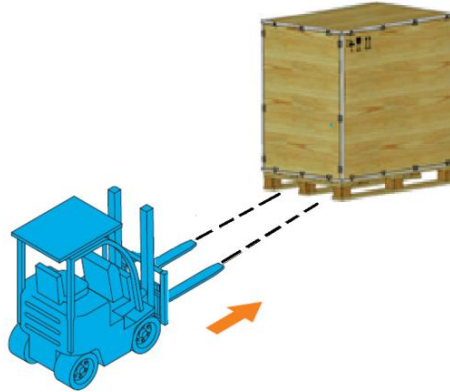
11. Open the door of the RCD housing and turn off the RCD, then close the door
12. Turn off the switch upstream the AC 3-phase supply cable
13. Remove AC 3-phase cable socket
14. Release the castors brakes and move the cart in the parking position.
15. Put in the brakes until next use

## 12.3 Mobile cart certification

- CE
- LVD: EN61851-1:2019 EN 61851-23:2014
- Mechanical test: EN 13150:2001 (point A.3.7), EK5/AK5 14-04.0: 2014-09, EK5/AK5 14-04.0: 2014-09, ASTM D4169-16

## 12.4 Handling and unpackaging

### 12.4.1 Move Package with a forklift truck



*Preconditions:*

- A minimum of two persons is required: one person to operate the forklift truck, the other person to guide the Mobile Cart to its location.

1. Place forks width like as pallet size
2. Inlet the forks of the forklift truck between
3. Lift and move the cart with the forklift truck.

### 12.4.2 Unpackaging

*Preconditions*

- Tools: screwdriver PH

A minimum of two persons is required to handle Mobile cart get off from packaging



1. Remove the packaging material from the mobile cart
2. Remove locking axes that lock mobile cart
3. Unblock castors brakers
4. Get off the mobile cart from pallet



## 12.5 Mechanical drawings

