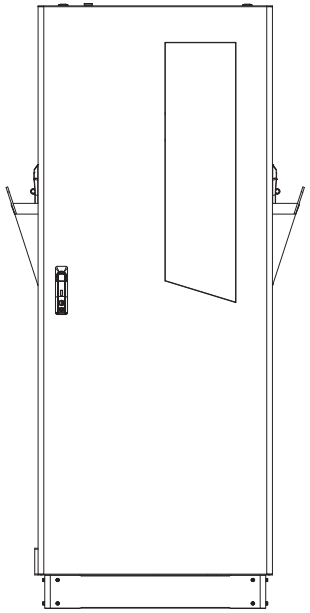


Installation guide

DC EV Charger

PEVC3107E/PEVC3107U
for 180kW~400kW

Version：V1.01

Safety and Warning

Save these instructions. Read all instructions before installing or using the charger.

1) Do not put tools, material or other parts into the electric vehicle connector.
2) Do not use the DC EV charger if the cabinet, power cord or charging cable are frayed, have broken insulation or show any other signs of damage.
3)Do not install or use the DC EV charger if the enclosure is broken, cracked, opened or shows any other indications of damage.
4)The DC EV charger should be installed only by a qualified technician.
5) Make sure that the materials used and the installation procedures follow local building codes and safety standards.
6)The information provided in this manual in no way exempts the user of responsibility to follow all applicable codes or safety standards.
7)The manufacturer is not responsible for physical injury, damage to property or damage to equipment caused by the installation of this device.
8)This document provides instructions for the DC EV charger and should not be used for any other product. Before installation or use of this product, you should review this manual carefully and consult with a licensed contractor, licensed electrician or trained installation expert to make sure of compliance with local building codes and safety standards.



Hazardous voltage that gives risk of electrocution



General risk

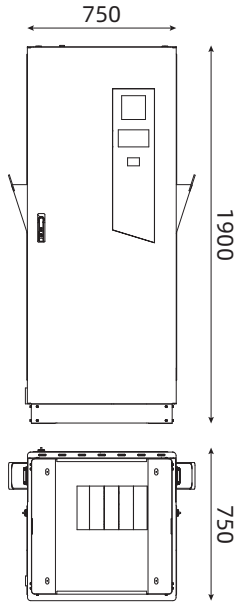


PE

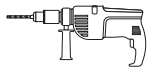
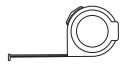
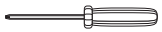
Warning

The input and output voltages of this device are high voltage, which threaten human life safety. Please strictly observe all warnings on the device and user manual. Unauthorized and non-professional service personnel are forbidden to remove the cover of this device.

Product size(mm)

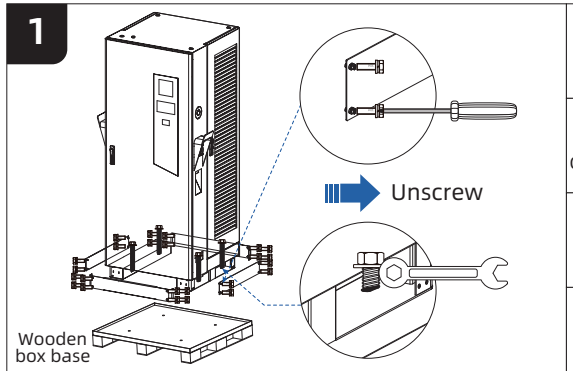


Installation tool

	Hammer drill and drill bit (ϕ18mm)
	Electric drill
	Hammer
	Hex wrench
	Measuring tape(5m)
	Cross screwdriver

The sizes of some parts may not match the actual sizes due to the continuous upgrading of our company's products. Please refer to the actual product.

1



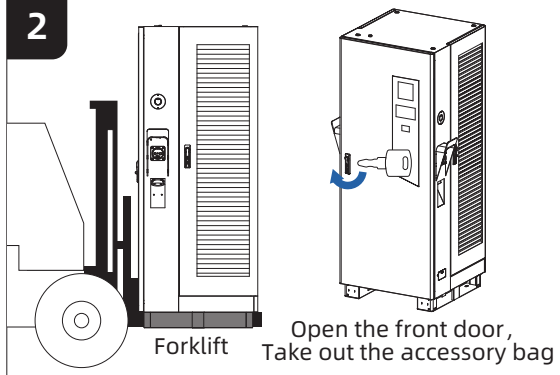
24× M5×12

Cross screwdriver

4× M10×60

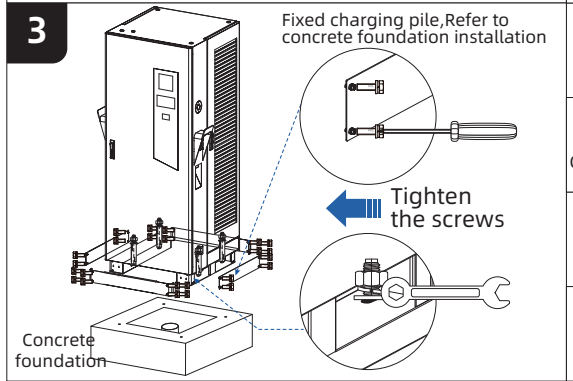
Hex wrench

2



Key

3



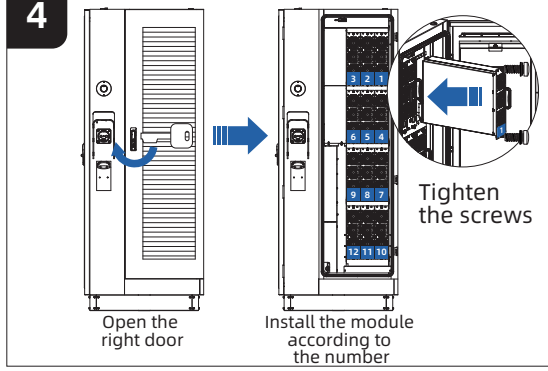
24× M5×12

Cross screwdriver

4× M12×100

Hex wrench

4

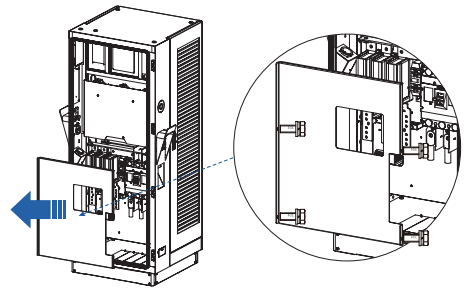


Key

M4×10

Cross screwdriver

5



Tighten the screws, Open the PC panel

4× M6×16

Cross screwdriver

6

Figure 1 Wiring

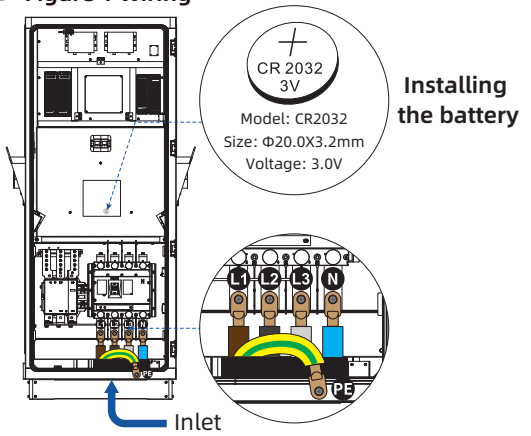
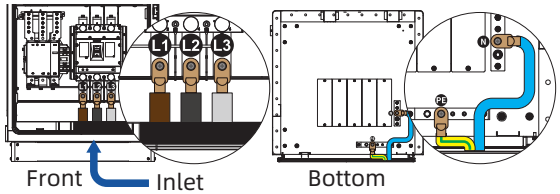


Figure 2 Wiring



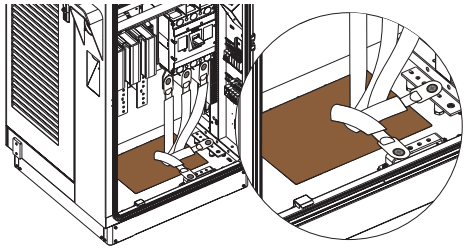
Cable lug

180kW/300kW/320kW
L1/L2/L3/N:DT-185
PE:DT-95

240kW
L1/L2/L3/N:DT-300
PE:DT-150

360kW/400kW
L1/L2/L3/N:DT-240
PE:DT-120

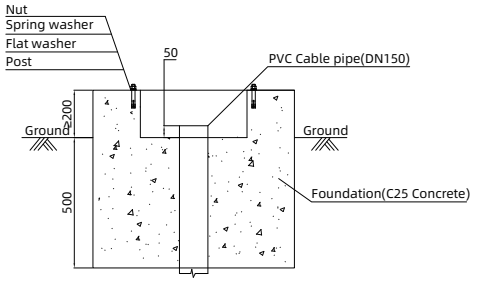
7



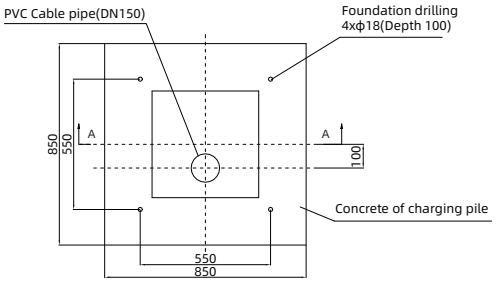
After the cable is connected, the bottom should be sealed, such as sealing fire mud

Concrete foundation installation

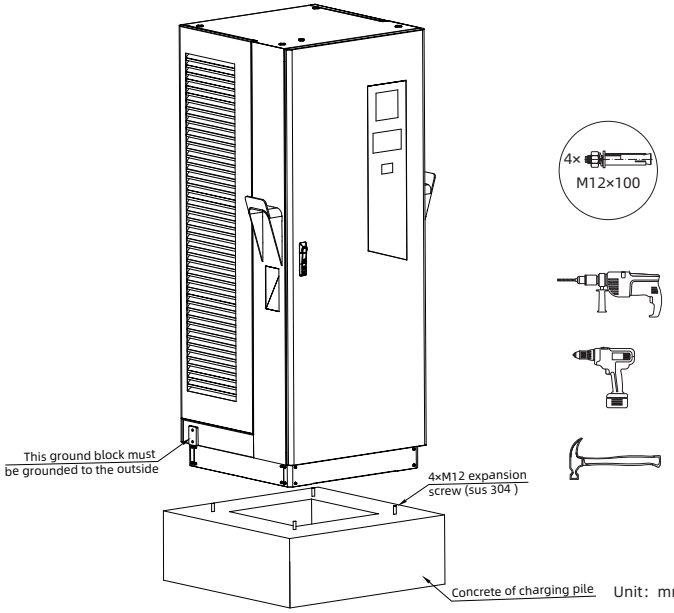
Power	PVC size	Recommended cable	Recommended switch
180kW	DN150	L1/L2/L3/N:185mm², PE:95mm²	≥350A 4P
240kW		L1/L2/L3/N:300mm², PE:150mm²	≥500A 4P
300kW/320kW		L1/L2/L3/N:2*185mm², PE:2*95mm²	≥630A 4P
360kW/400kW		L1/L2/L3/N:2*240mm², PE:2*120mm²	≥800A 4P



A-A (Foundation profile)



Front
TOP View of foundation



Unit: mm