

**50A CT clamp**

For dynamic load balancing

**100A CT clamp**

For dynamic load balancing

**Charging cable 7kW/22kW**5m/7.5m, Type 2 to Type 2  
Comes with a carry bag**Pedestal with roof**

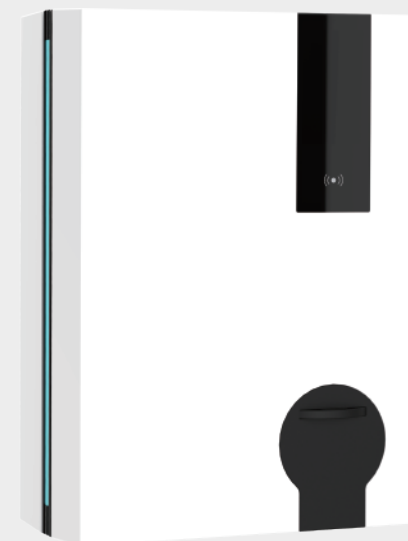
For charging station mounting

**Wall bracket**Safe and secure installation on  
uneven surfaces**Cable hook**Convenient for keeping your  
charging cable organized

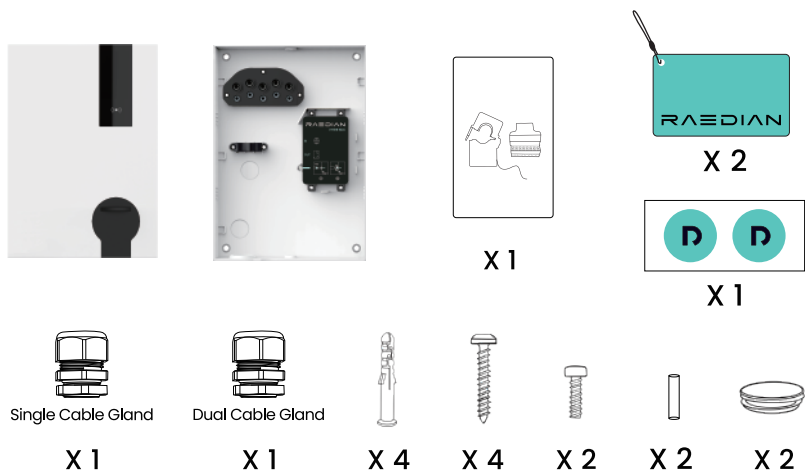
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please scan the QR code or visit us:  
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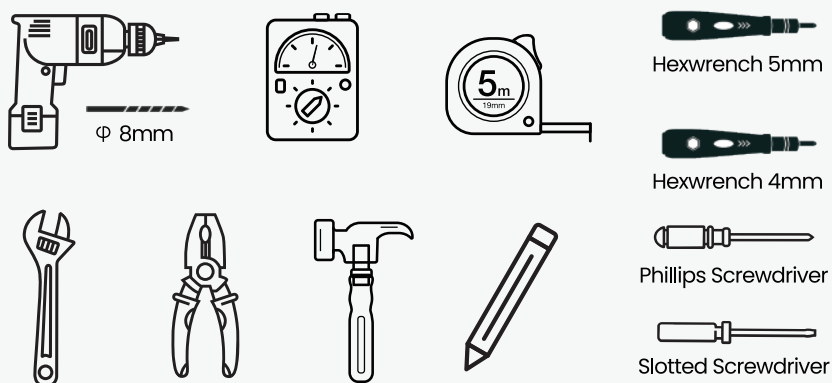
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**RAEDIAN****Quick Guide****NEO**

## What's in the box



## Tools suggestion



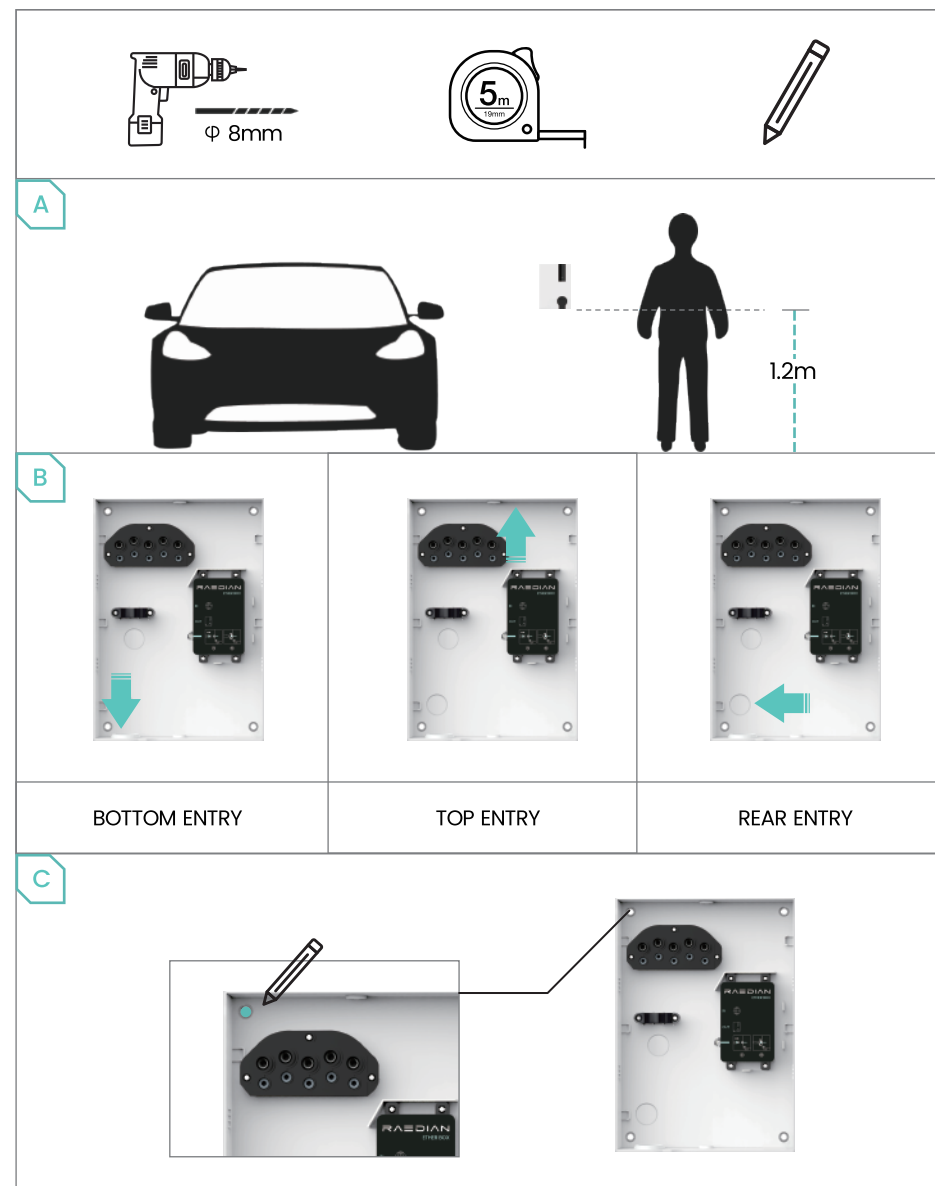
### Disclaimer

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## 1

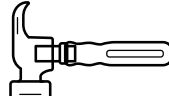
## Preparing


### 1.1 Position and Power Entry




1.2 Ethernet Cable Entry (Optional)

  
X 1

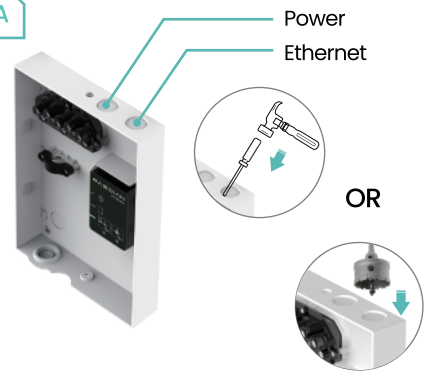


  
Slotted Screwdriver

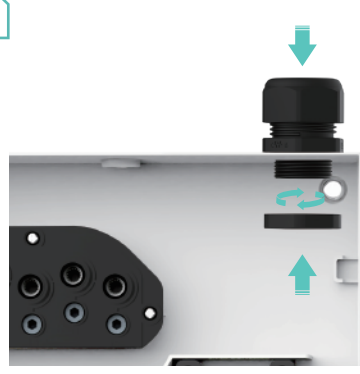
OR

  
Hole Saw Cutter(M25)

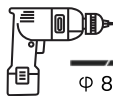
A





B




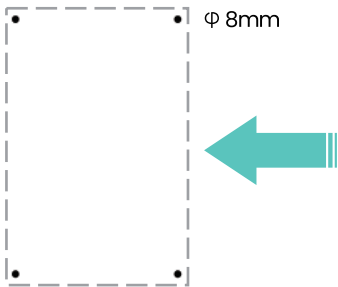
2 Mounting


  
Φ 8mm

  
X 4

  
X 4


  
Phillips Screwdriver







3 Wiring


3.1 Power Cable





  
Hexwrench 5mm

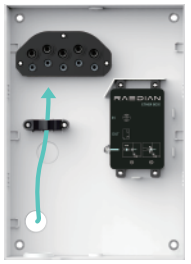
  
X 1

OR


  
Single Cable Gland  
X 1

  
BOTTOM ENTRY

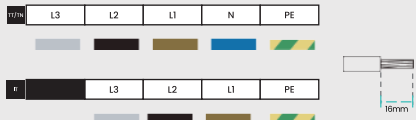
  
TOP ENTRY

  
REAR ENTRY

1 Phase Connection



3 Phases Connection

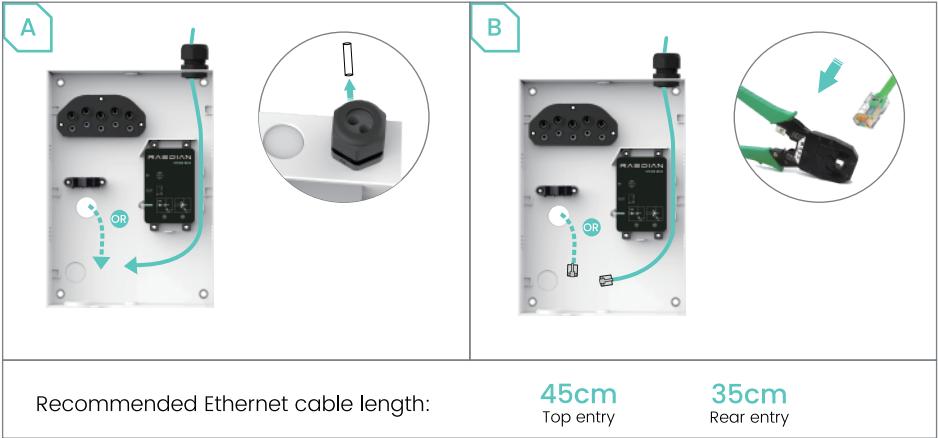


An external at least Type A RCBO according to IEC 61009 or RCCB according to IEC 61008 need to be installed in the upstream. Ensure the installation complies with all applicable laws and regulations.

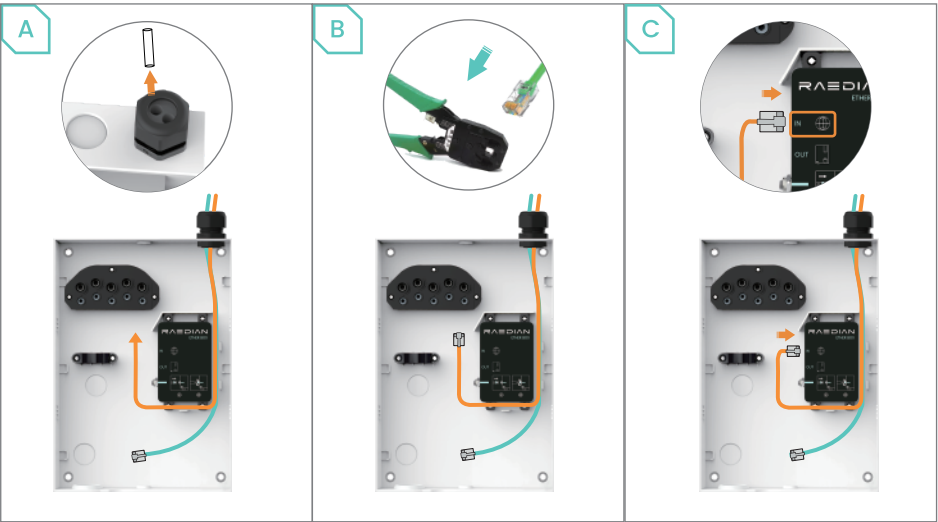
3.2 Connect Ethernet Cables



3.2.1 Ethernet Cable for Home Balance

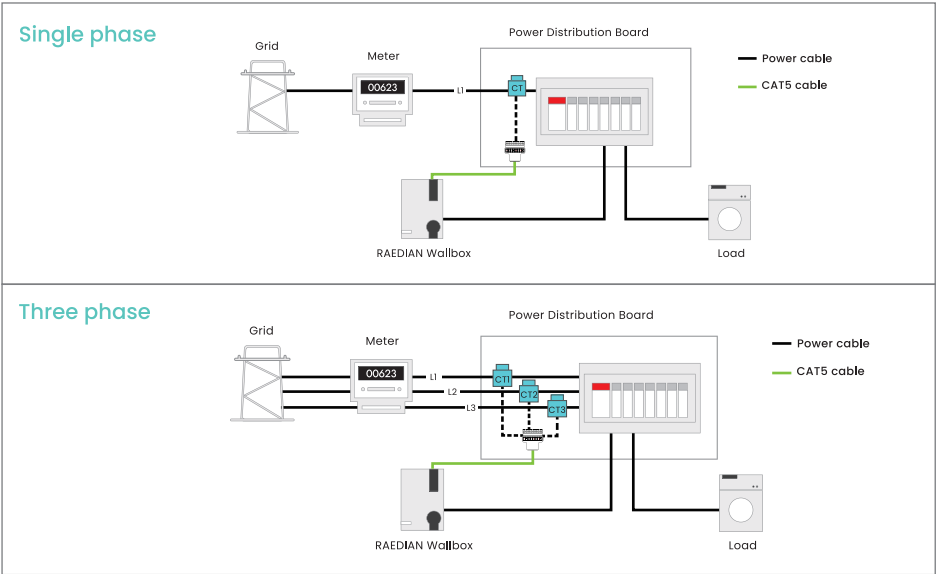


3.2.2 Ethernet Cable for Network Communication (Optional)

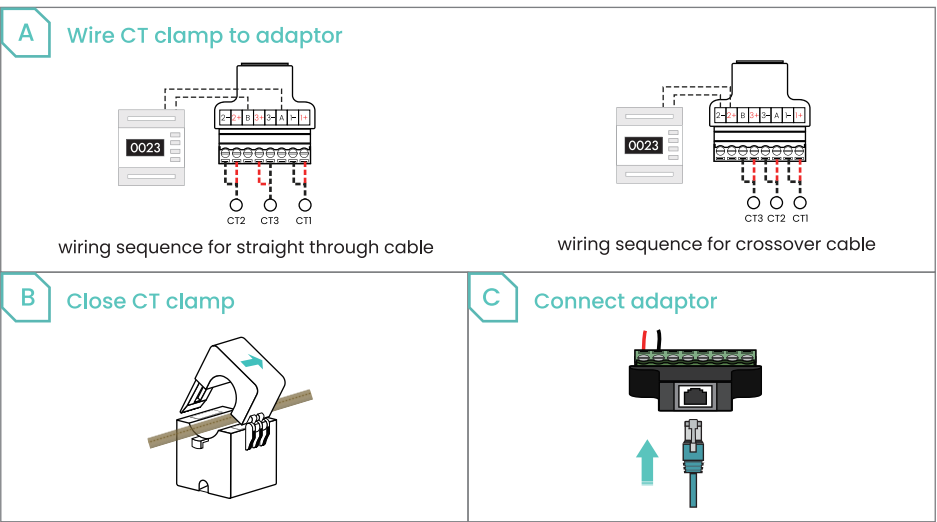


4 CT Kit Installation

4.1 CT Clamp Positioning (Home Balance)



4.2 Install CT Kit

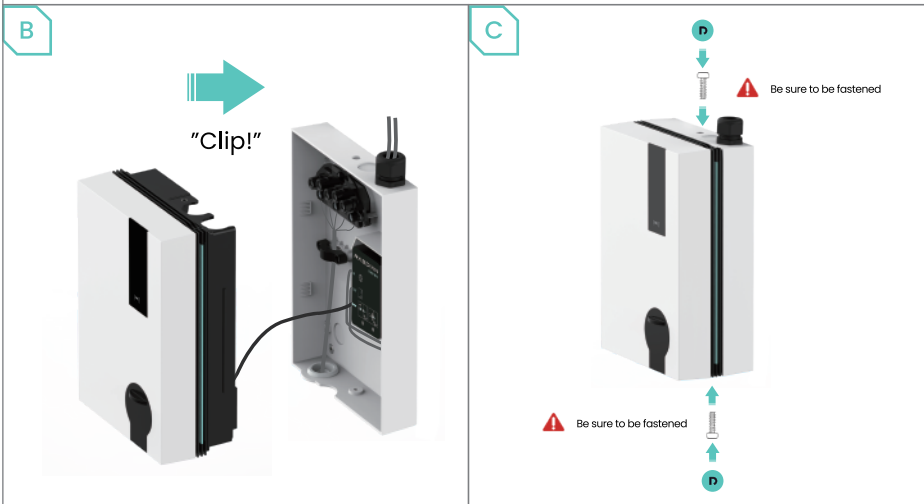
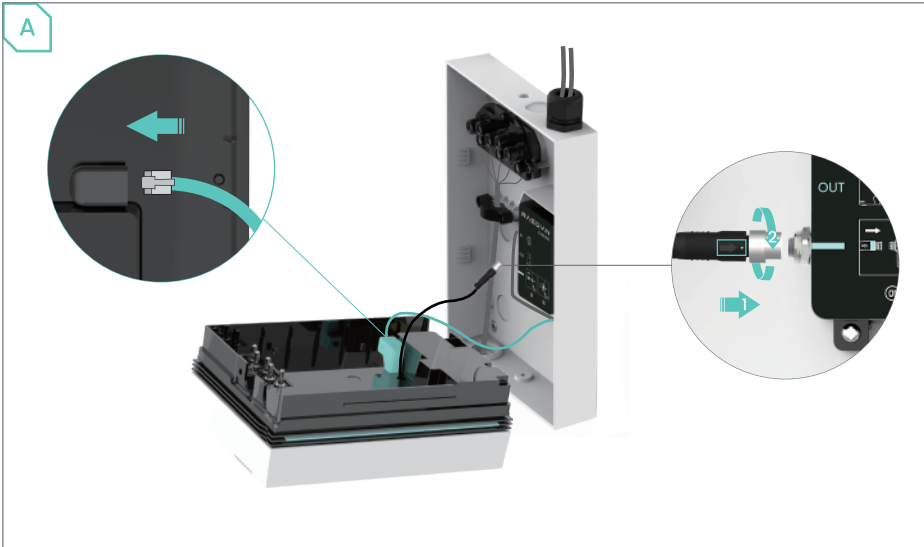


## 5 Installing

Hexwrench 4mm

X 2

X 1



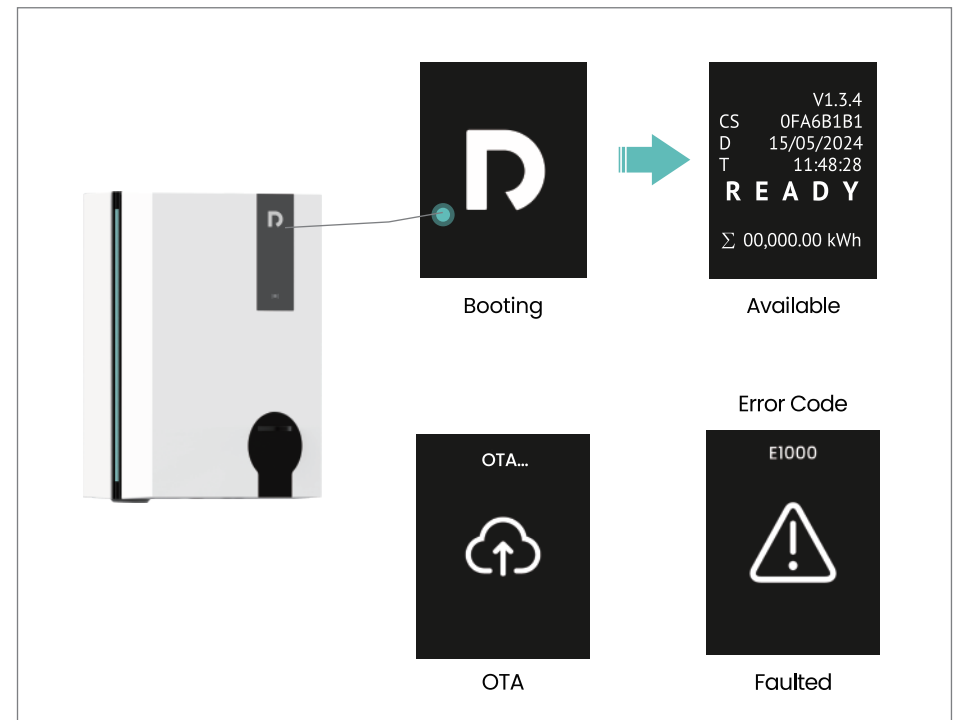
## 6 Get Started

### 6.1 LED Indicators



LED Status	Definition
White	Available
Green	Cable plugged in: <ul style="list-style-type: none"> <li>Pending for authorization</li> <li>Waiting for EV</li> <li>Charging stopped by EV</li> </ul>
Cyan	Charging in progress
Red	Fault state
Purple	Pairing RFID cards

### 6.2 OLED Display



V1.3.4  
CS 0FA6B1B1  
D 15/05/2024  
T 11:48:28  
**READY**  
Σ 00,000.00 kWh

Available

- 1 FW Version
- 2 Checksum
- 3 Date
- 4 Time
- 5 Accumulative Energy Delivered

### Charging

1 2   
E +000.000 kWh 3   
C 00:00:07 4 4G (optional)  
D 30/11/2023 5 LAN  
T 08:43:34 6  
7 229V 00/32A 9  
8 00,000kW 10  
Σ 00,000.00 kWh 11  
12 H 13

- 10 Real-time Charging Power
- 11 Accumulative Energy Delivered
- 12 EV Connected

- Cable plugged in, waiting for authorization
- Charging

- 13 Charging in progress

- 14 Load Management

- H Home Balance activated
- S Solar Only activated
- E EMS connected
- Waiting for grid capacity restored
- Waiting for surplus
- Unavailable
- H! CT/SC Kit error
- S! CT/SC Kit error
- E! EMS disconnected

## 7

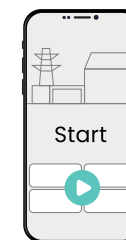
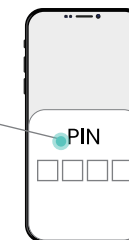
## Access

### 7.1 Plug And Charge (Default)



### 7.2 Authorization (Set In APP)

#### A Pairing with APP



RAEDIAN APP



#### B Authorized with RFID

