



RAE DIAN

Quick Guide

NEO



What's in the box



X 1



X 2



X 1



X 4



X 4

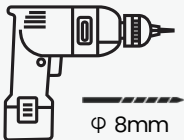


X 2

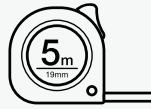


X 2

Tools suggestion



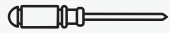
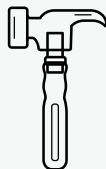
\varnothing 8mm



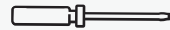
Hexwrench 5mm



Hexwrench 4mm



Phillips Screwdriver



Slotted Screwdriver



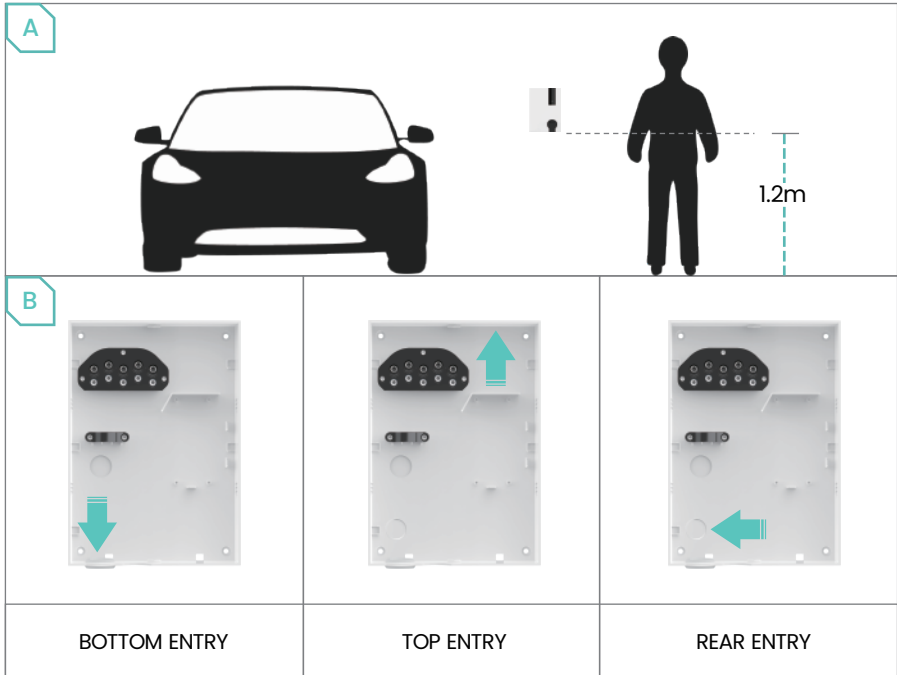
Disclaimer

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1

Preparing

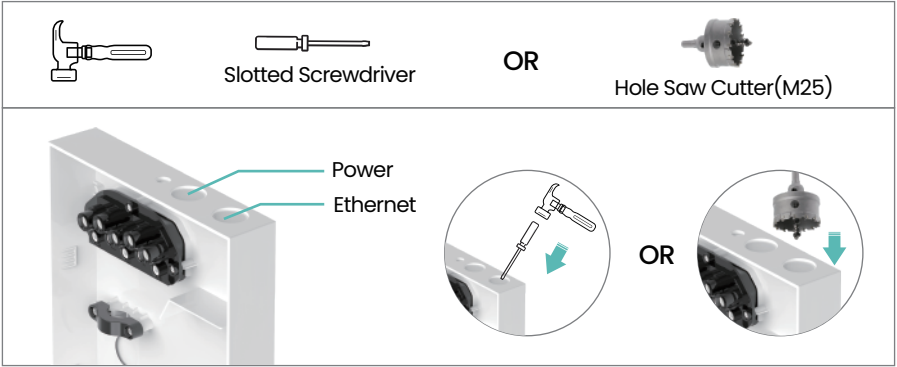
1.1 Power Cable Planning



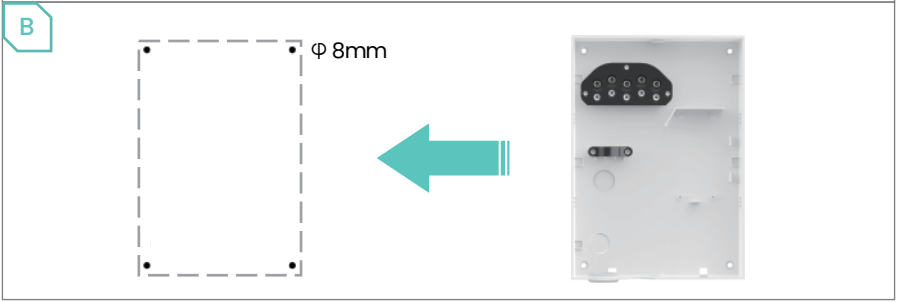
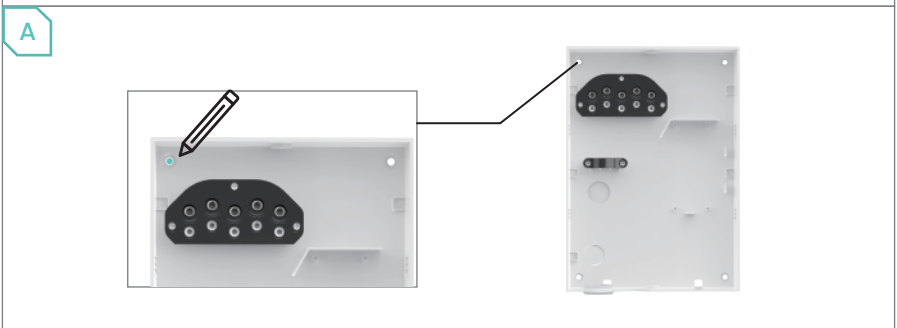
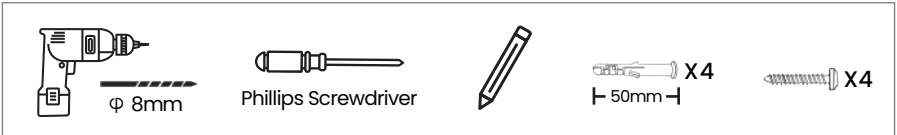
1.2 Ethernet Cable Planning



1.3 Ethernet Cable Entry



2 Mounting



3

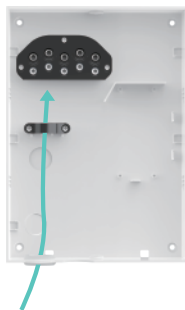
Wiring



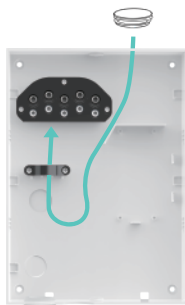
Hexwrench 5mm



X 1



BOTTOM ENTRY

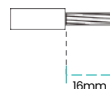
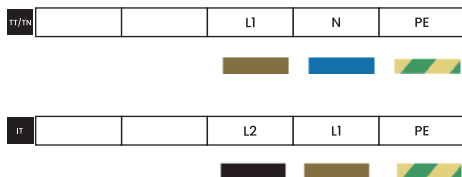


TOP ENTRY

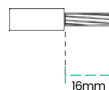
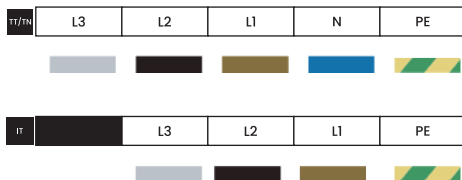


REAR ENTRY

1 Phase Connection



3 Phase Connection



An external at least Type A RCD is required to be installed in the upstream. Ensure the installation comply with all applicable laws and regulations.

4

Installing



X1



X1



Hexwrench 4mm



X2



X1

4.1 Connect Ethernet Cable (for Home Balance and Solar Charging)

A

B

Recommended Ethernet cable length:

Top entry: **45 cm**

Rear entry: **35 cm**

4.2 Complete Installation

A

"Clip!"

B

Be sure to be fastened

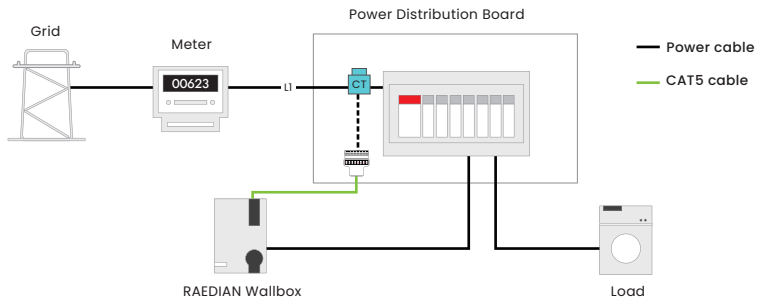
Be sure to be fastened

5

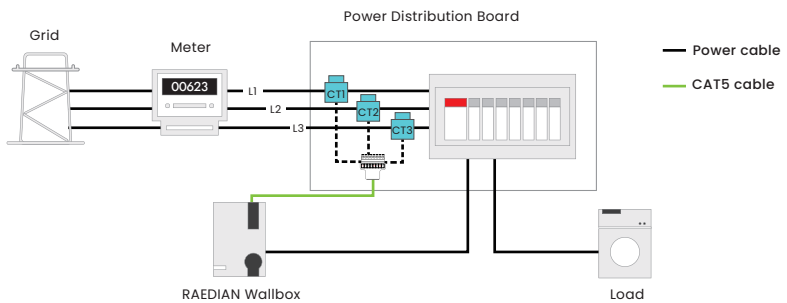
CT/SC Kit Installation

5.1 CT Clamp Positioning (Home Balance)

Single phase

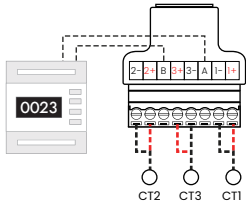


Three phase

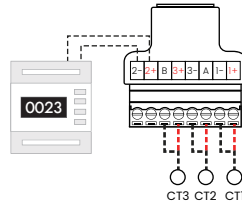


5.2 Install CT Kit

A Wire CT clamp to adaptor

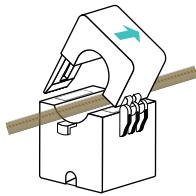


wiring sequence for straight through cable

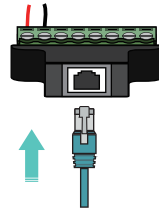


wiring sequence for crossover cable

B Close CT clamp



C Connect adaptor








6

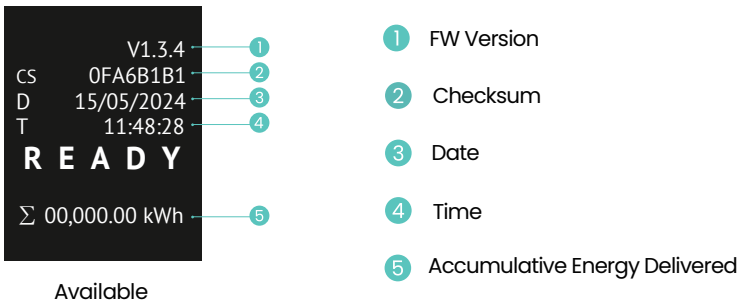
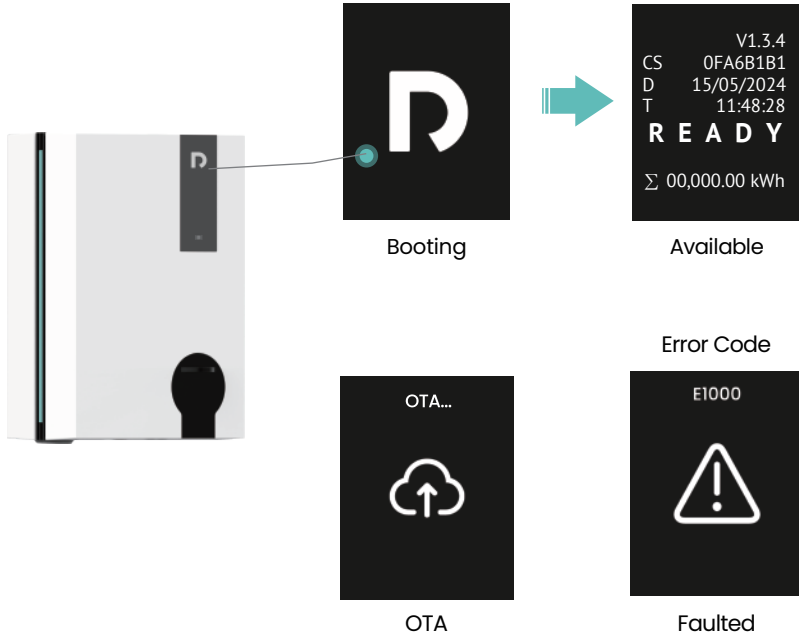
Get Started

6.1 LED Indicators

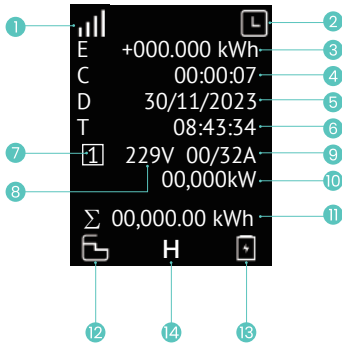


LED Status	Definition
 White	Available
 Green	Cable plugged in: <ul style="list-style-type: none"> • Pending for authorization • Waiting for EV • Charging stopped by EV
 Cyan	Charging in progress
 Red	Fault state
 Purple	Paring RFID cards

6.2 OLED Display



Charging



1 Connectivity

- 📶 Wi-Fi
- 📡 BLE
- 📶 4G (optional)

2 Schedule

3 Energy Delivered (Current session)

4 Charging Duration (Current session)

5 Date

6 Time

7 Phase

- 1 1 Phase
- 3 3 Phase

8 Voltage

9 Real-time Charging Current/ Current Available

10 Real-time Charging Power

11 Accumulative Energy Delivered

12 EV Connected

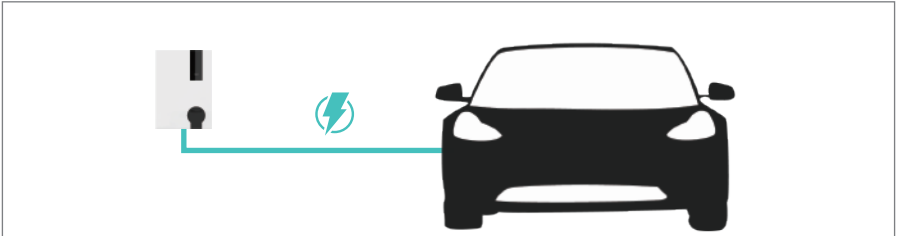
- 🚗 Cable plugged in, waiting for authorization
- 🚗 Charging

13 Charging in progress

14 Load Management

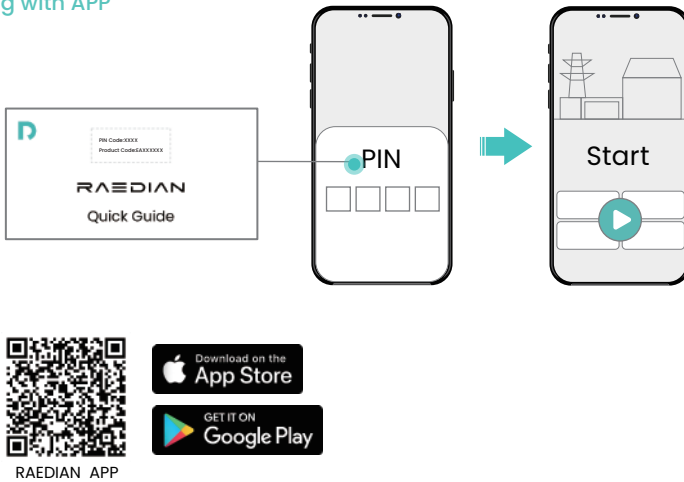
- **H** Home Balance activated
- 🚗 Waiting for grid capacity restored
- **H!** CT error
- **S** Solar Only activated
- 🚗 Waiting for surplus
- **S!** CT error
- **E** EMS connected
- 🚗 Unavailable
- **E!** EMS disconnected

7.1 Plug And Charge (Default)

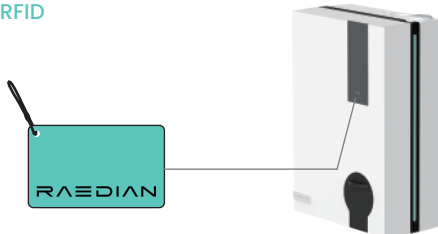


7.2 Authorization (Set In APP)

Pairing with APP

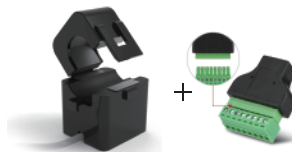


Authorized with RFID



**CT clamp**

For dynamic load balancing

**CT kit**

For dynamic load balancing and solar charging

**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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