



RAEDIAN

Quick Guide

NEX



What's in the box



X 2



X 1



Single Cable Gland

X 1



Dual Cable Gland

X 1



X 4



X 4



X 2

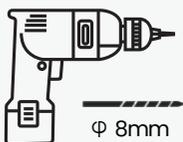


X 2



X 2

Tools suggestion



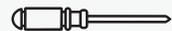
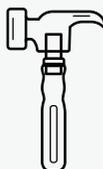
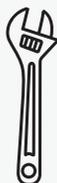
\varnothing 8mm



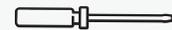
Hexwrench 5mm



Hexwrench 4mm



Phillips Screwdriver



Slotted Screwdriver



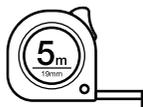
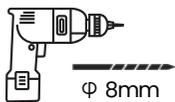
Disclaimer

The information in this document is subject to change without notice and should not be construed as a commitment by RAEDIAN. RAEDIAN assumes no responsibility for any errors that may appear in this document.

1

Preparing

1.1 Position and Power Entry



A



1.2m

B



BOTTOM ENTRY

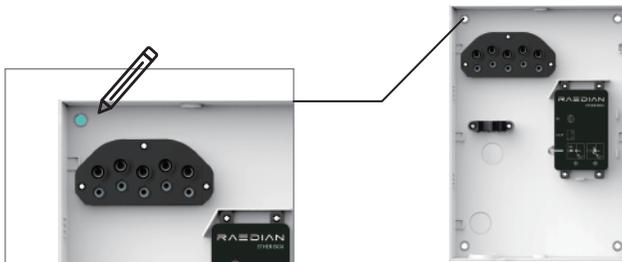


TOP ENTRY



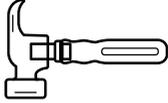
REAR ENTRY

C



1.2 Ethernet Cable Entry (Optional)

 X 1



 Slotted Screwdriver

OR

 Hole Saw Cutter(M25)

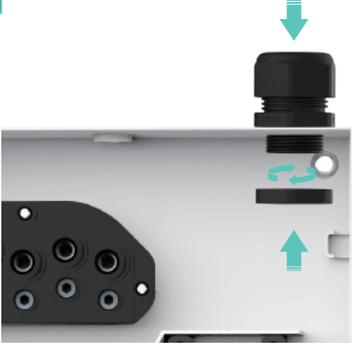
A

Power Ethernet

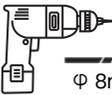
 OR



B

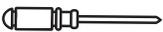


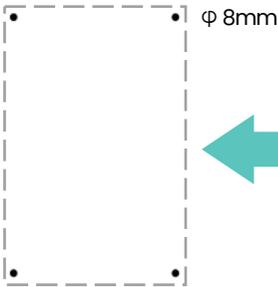
2 Mounting

 $\varnothing 8\text{mm}$

 X4 50mm

 X4

 Phillips Screwdriver

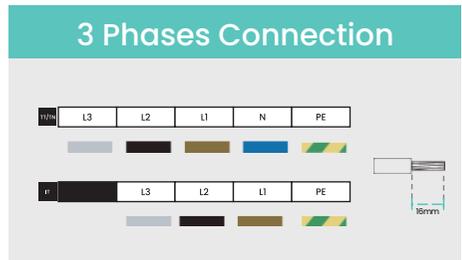
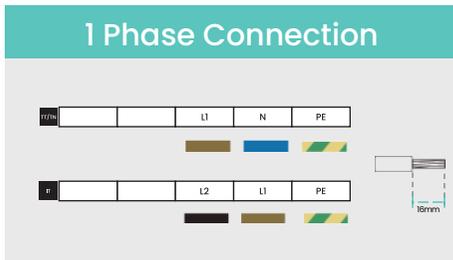
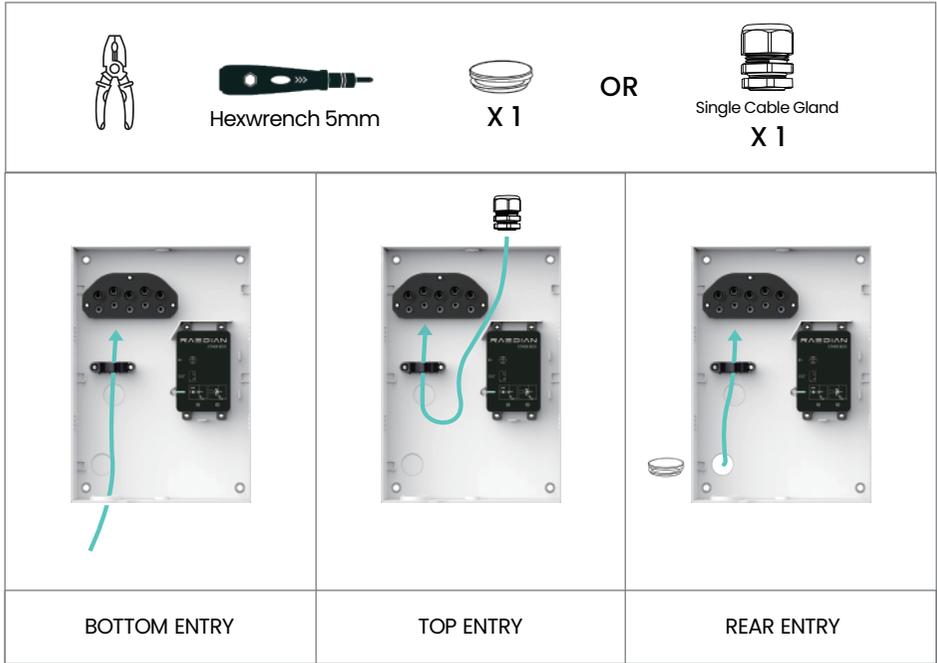




3

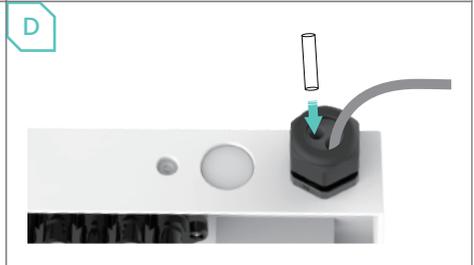
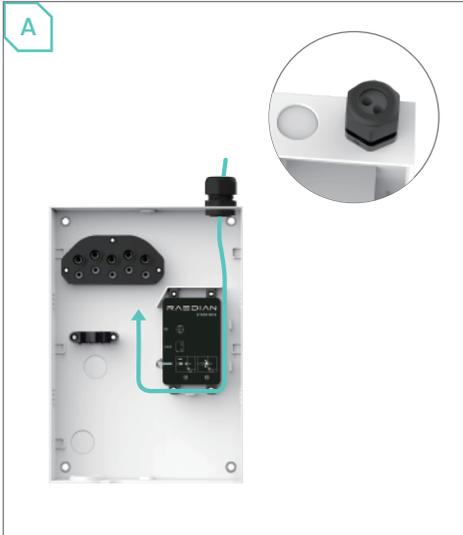
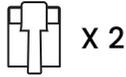
Wiring

3.1 Power Cable

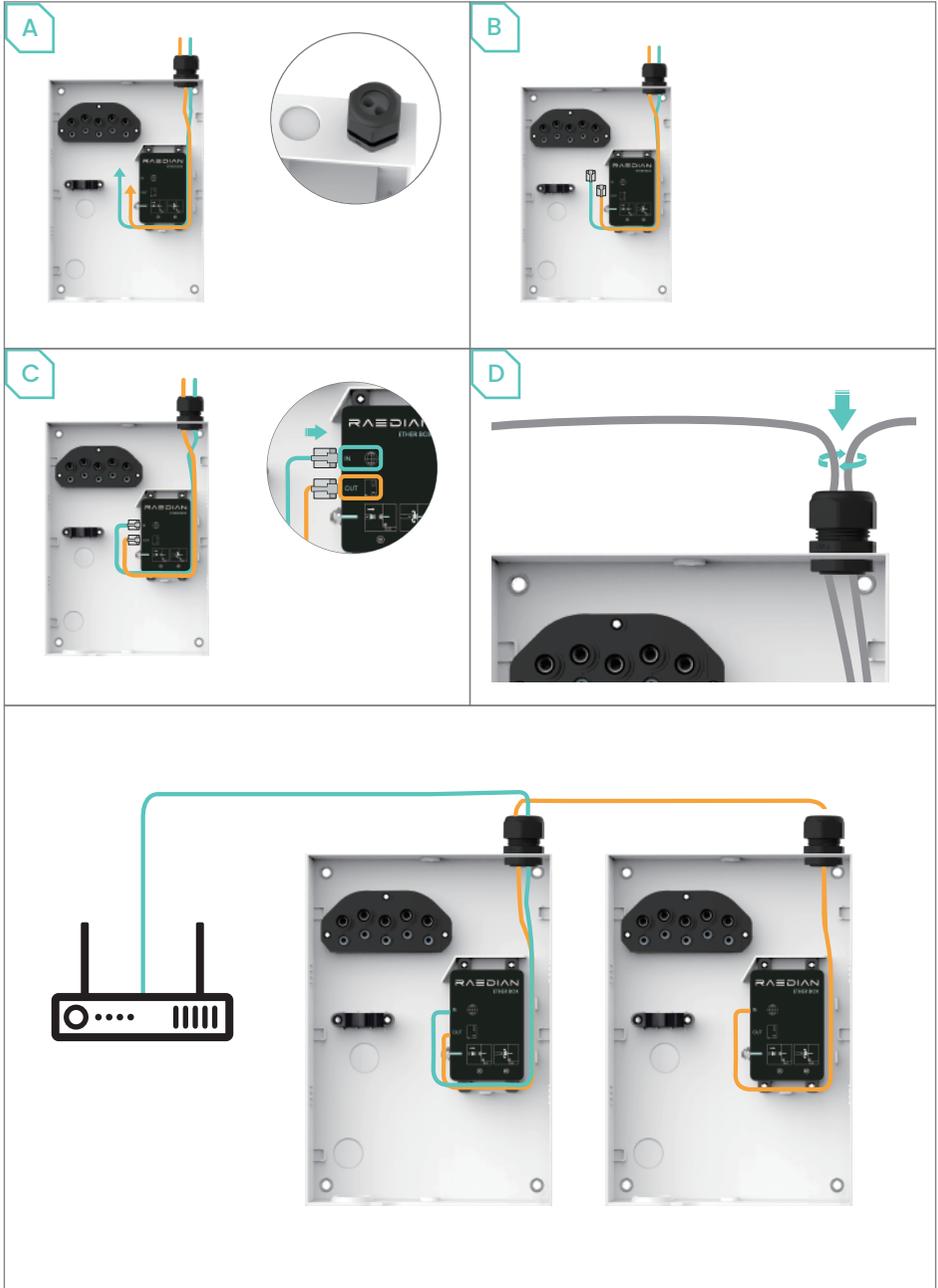


An external at least Type A RCBO according to IEC 61009 or RCCB according to IEC 61008 need to be installed in the upstream. Ensure the installation complies with all applicable laws and regulations.

3.2.1 Ethernet Cable Entry (Optional)



3.2.2 Ethernet Cable Entry-Daisy Chain (Optional)



4

Installing



Hexwrench 4mm

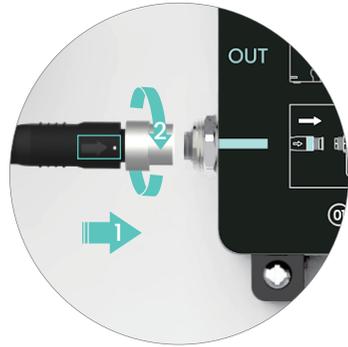


X 2



X 1

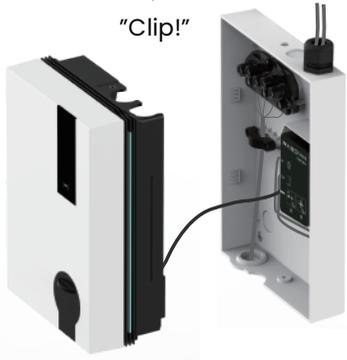
A



B



"Clip!"



C

D



Be sure to be fastened



Be sure to be fastened



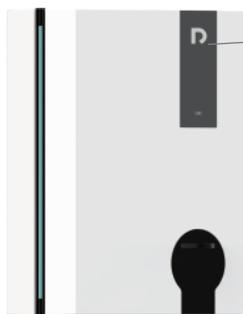
D

5.1 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

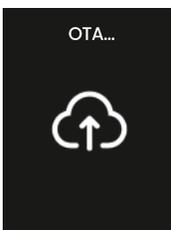
5.2 OLED Display



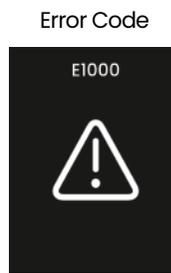
Booting



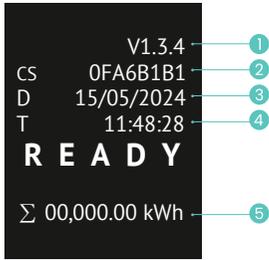
Available



OTA



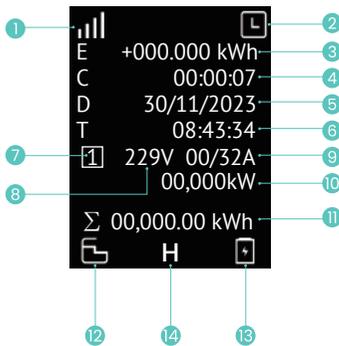
Faulted



Available

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

Charging



- 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
- **HI** CT/SC Kit error

- 1 Connectivity

- Wi-Fi
- BLE
- 4G (optional)
- LAN

- 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

- **S** Solar Only activated

- Waiting for surplus

- **S!** CT/SC Kit error

- **E** EMS connected

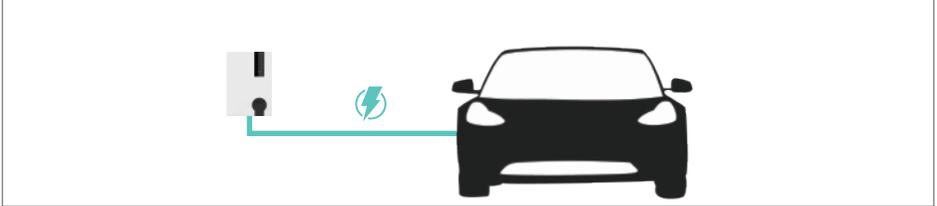
- Unavailable

- **E!** EMS disconnected

6

Access

6.1 Plug And Charge (Default)



6.2 Authorization (Set In APP)

A Paring with APP

The diagram illustrates the app pairing process. On the left, a 'Quick Guide' box contains a dashed box with 'PIN Code:XXXX' and 'Product Code:AXXXXXX'. A line connects this to a smartphone screen showing a 'PIN' input field with four empty boxes. A teal arrow points to a second smartphone screen showing a 'Start' button with a play icon. Below this are a QR code labeled 'RAEDIAN APP', an 'App Store' download button, and a 'Google Play' button.

B Authorized with RFID

The diagram shows an RFID card on the left with the RAEDIAN logo, a lightning bolt icon, and the number '2370 8790 14'. A line connects the card to the RFID reader on a charging station on the right.



ECPC hub 80A/160A/250A

Type A RCD, Type I+II SPD, IP65,
MID metering



ECPC unit 40A 1ph/3ph

Type A RCD/Type B RCD +Type II SPD, IP65



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



Operational RFID card

Customization available



For CMS portal,
please scan the QR code or visit us:
<https://nebula.raedian.com>



For more information,
please scan the QR code or visit us:
<https://raedian.com/support>



For instruction videos,
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