Teison pro smart - ocpp

TS-EVC07-002c-001 (S)
TS-EVC11-002c-001 (S)
TS-EVC22-002c-001 (S)

TABLE OF CONTENTS

Product overview

A charger comes with high-integrated smart board and communication function, the wallbox designed meet IP67, can be used indoor and outdoor. It support OCPP 1.6J protocol, and RFID. Owners can collect all data in platform and manage the charger, master all the status of the charger. To realize the real smart charging.

TYPE 2   TYPE 1

Charging Connector

LED screen

Control box

Incoming line

Charging cable

CE   IP 67   IK 08

RFID   OCPP 1.6 J-son   WIFI   4G

Product features

Solid design wallbox
Meet IP67 & IK08 standard by lab test

5 inch HD touch screen
Easiest user interaction and real-time status view

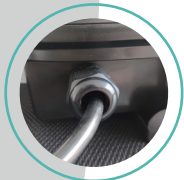### Indicator light
Showing real time wallbox status

RFID Sensor
Identification & payment solution
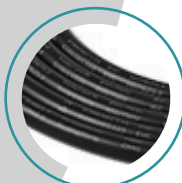
Access hole
For easiest maintenanc

Independent incoming line hole
For most efficient installation

Emergency button
Press to cut off the power immediately

TPU cable
4 meter cable with excellent durability and top cold resistance at -40℃

TUV approved connector
Completed shaped and easy hold ; Silver plated terminals to minimize wear and tear on EV charging socket

Designed for future smart charging network

- Timeless and classic design fits in urban space and architecture.
- Compatible with full smart functions under OCPP 1.6 J-SON
- Authorization for use on a mobile application or a cloud platform to monitor the charger operation remotely
- Connecting to the network by 4G,WIFI and Ethernet
- Dynamic power control with Teison load balancer
- Built-in memory to save local charging data
- Built-in MID certificated meter
- Independent Access hole，wiring entrance and rail-mounted components for most effective installation and maintenance.
- Protecting the life of car battery with the most stable charging process.

Highest safety

- PCV 0 housing with 2.0~3.0mm thick exudes robustness and protects inside components from external influences.
- The housing is made from materials specially developed for top heat dissipation and with flame retardant coating.
- Completely meets all requirements of the CE applicable standards.
- AC + DC faults detection
- Real-time monitoring for heat and all instabilities during charging process

Parameter

Specification	TS-EVC07-002C-001（S）	TS-EVC11-002C-001（S）	TS-EVC22-002C-001（S）
Rated Voltage	230VAC ±10%	380VAC ±10%	380VAC ±10%
Max Output Current	32A	16A	32A
Frequency	50/60Hz	50/60Hz	50/60Hz
Max Output Power	7kw	11kw	22kw
Emergency Stop Button			Yes
Display			LCD touch screen
RFID Function			5pcs card
Energy Meter			MID certified
RCD		TYPE B/ TYPE A 30mA+DC6mA （optinal）	
Charging Outlet		One charging socket （Type 2）/4M charging cable	
Housing Material			PCV0 for outdoor
Front Panel			PC
Installation Method			Wall-mount/Floor-stand
Network Gateway			Ethernet/Wifi/4G
Communication Protocol			OCPP1.6(J-SON)
Safety Standard			EN 61851-1
Warranty			2 years
Protection Level			IP67
Temperature/Humidity		-30~50℃/5%~95% without condensation	
Working Altitude			＜2000M
Application Site			Indoor/Outdoor
Product Size			398x324x120mm
Product Weight	10kg	11kg	12kg

Product size and packaging

Product size：398*324*120 mm
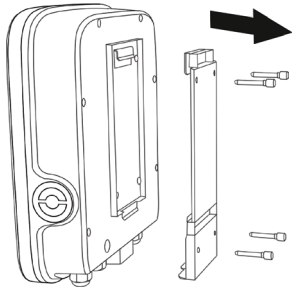
Product net weight：11.5KG

Product gross weight：14KG

398mm

324mm

120mm

Package：

505*385*170mm/505*385*260mm

External packing: carton box&wood pallet

385mm

170mm

505mm

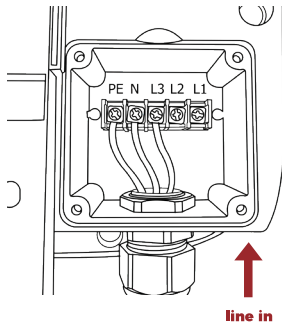EV CHARGING BOX
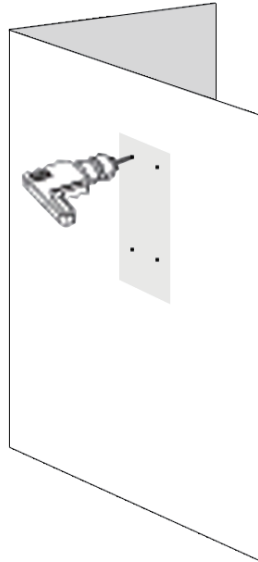
385mm

260mm

440mm

EV CHARGING BOX
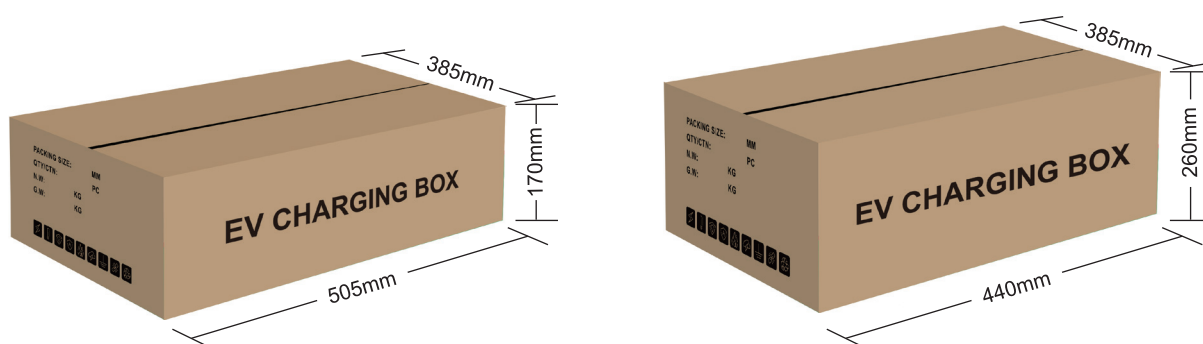
Product installation

Pls kindly check the manual before using.

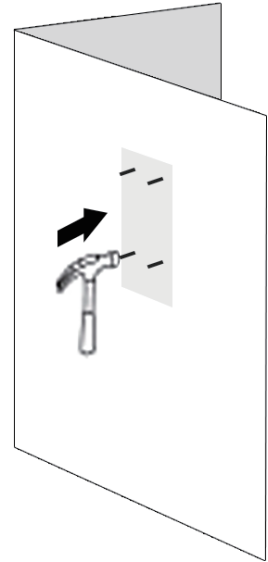1. remove the metal plate on the back of the wallbox (as shown on picture), organise and secure the incoming cables of the wallbox.
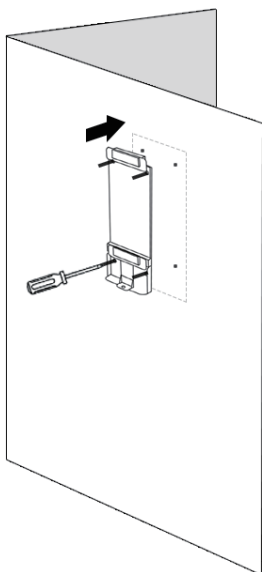
PE N L3 L2 L1

line in

2. Remove the cover and connect incoming power lines to the wallbox
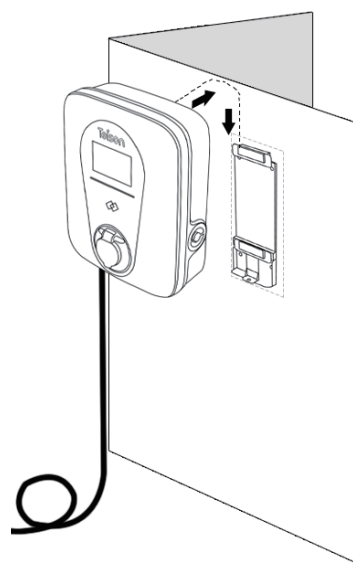
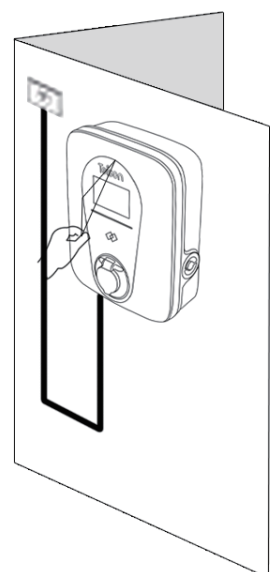3. Drill suitable holes in the wall using an electric drill

4. Tap the sleeve into the drilled holes

5. Fix the metal plate to the wall with screws

6. mount the wallbox on the plate and tighten the screws at the plate bottom.

7. Remove the protective film from the front panel to start using the product.
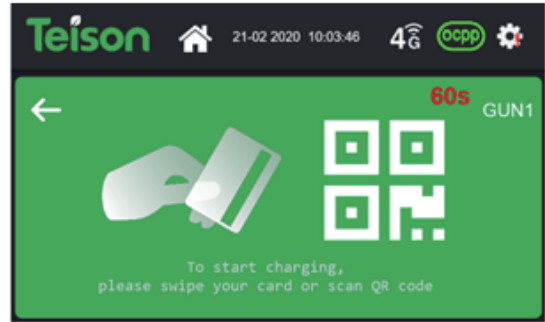
Charging Instruction

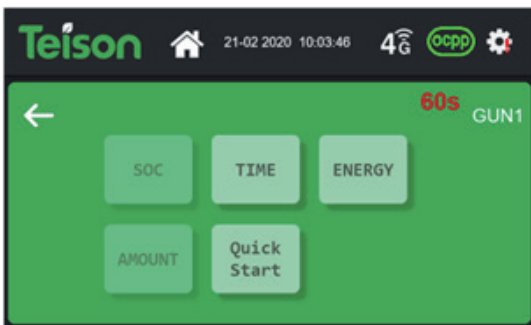After plug cable,according to the screen prompt operation,choose charging method to start.
Click on the touch screen after the prompt operation,the process is as follows:
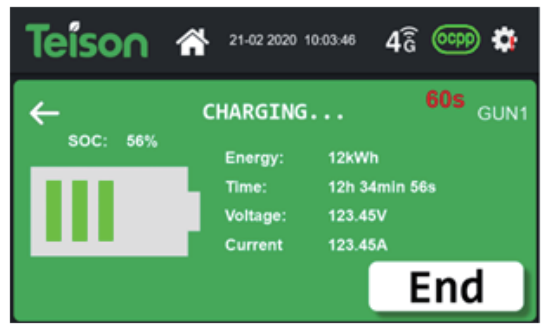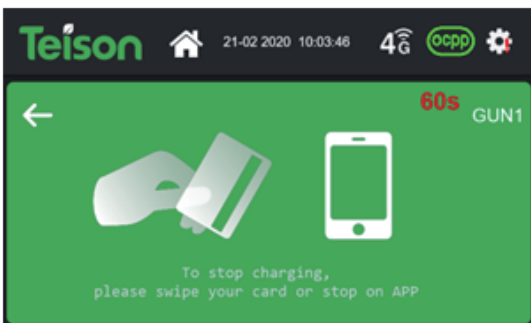

Touch the screen to enter the Starting page.

Scan QR code or swipe the card to enter the start charging.

Choose "TIME" or "ENERGY" or "QUICK START" according to your habit.

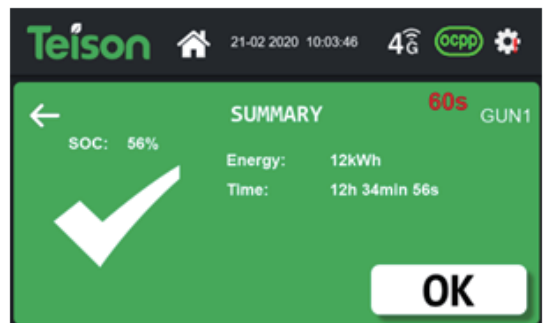When charging,the screen shows the energy,charging time ,voltage and current.

Users can choose three ways to stop charging:
1. The car will stop charging actively after end charging.
2. Users click the "END" button on the screen to stop charging.Of course users should swipe the card again to end.
3. Users stop charging by the App.

Enter the settlement interface once stop charging successful.

7

APP charge
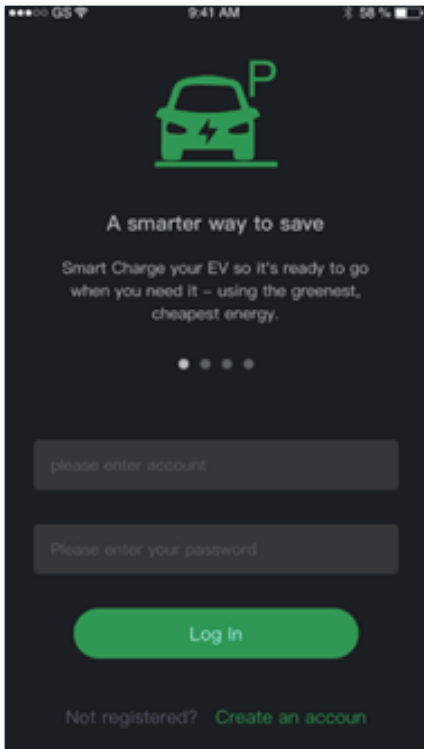
Register your information and login

Scan the code when charging

Choose charging mode to charge

Charging status

Check your account and bill information
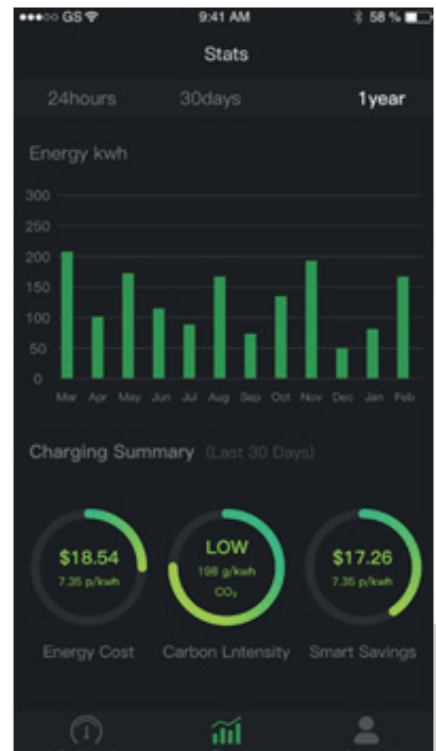
LCD Display

POWER
Power on,Light in green

CONNECT
Flashing,indicate CPU works in normal
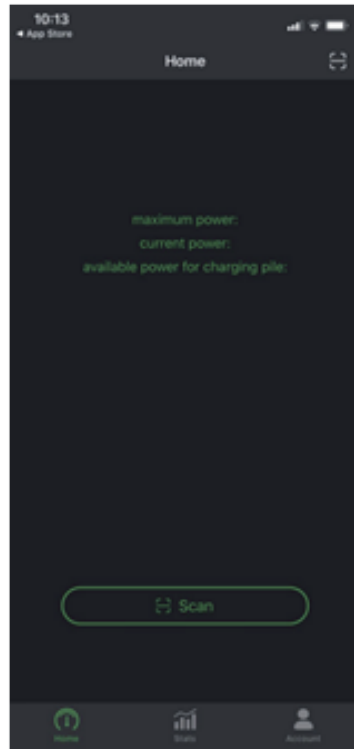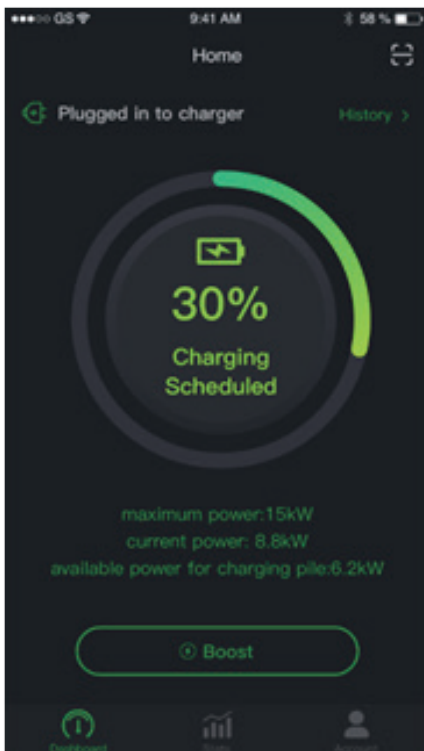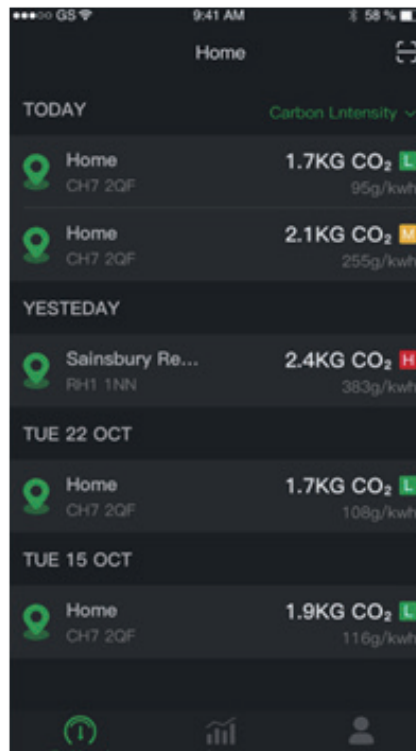

CHARGE
Charging status,lights off if No charging, light on during Charging,when finish it will flash

FAULT
Fault status,light off is no fault, light on if have faults

NETWORK
Web on,flashing when connect with Internet but dose not connect OCPP. If connect both,the light will on.Light off if does not connect internet.

If the product is installed in public spaces and is accessible to everyone, observe local and national requirements in addition to the procedures below.
— Ensure that the charger does not have any signs of mechanical damage.
— Visually inspect the Type 2 socket for wear and tear at regular intervals according to local regulations. If the pins are discolored or damaged, please contact your authorized electrician.

Projects Experience

| Item	Region	Country	City	Place	Quantity
1	EU	Italy	Roma	Parking Lots	26
2	EU	Poland	Warsaw	Car Washing	12
3	Asia	Thailand	Bangkok	Underground Garage	33
4	EU	UK	London	Parking lots	61
5	EU	Hungary	Budapest	Underground Garage	111
6	South America	Chile	Santiago	MacDonald's	50
7	EU	Italy	Roma	Public Parking	70
8	EU	Switzerland	Barn	Supermarket Parking	101
9	EU	UK	Birmingham	Underground Garage	38
10	North America	USA	Los Angles	Company's Parking	11
11	EU	Netherlands	Utrecht	Private Zone	7
12	North America	USA	Los Angles	Golf Course	25
13	EU	Italy	Torino	Public Parking	42
14	Asia	China	Hong Kong	Public Parking	48
15	EU	Germany	Koln	Public Parking	137
16	EU	Germany	Koln	Public Parking	50
17	North America	USA	Los Angles	Supermarket Parking	38
18	Asia	China	Hong Kong	Public Parking	35
19	Asia	Malaysia	Penang	Beach Parking	20
20	Asia	Turkey	Istanbul	Parking lots	19

Our case
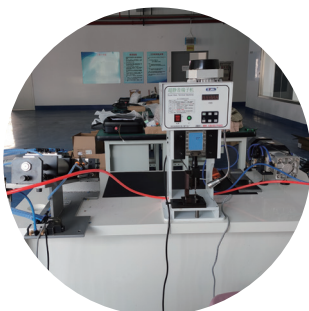
Teison Profile

Teison is a professional EV charging products manufacturer located in Yangzhou city, China. Our products including ev charging station, mode 2 portable ev charger, mode 3 ev charging cable and other accessories, have been applied to more than 32 countries in Europe, North America, Asia and Oceania.Covers an area of 2500 square meters, 50 workers and specialized R&D engineers' team and 4 production lines. Besides ,we have our own QC and test department to control the quality.

Teison passed the ISO9001 quality management system certification, ISO14001 environmental management system certification.Products passed the TUV test ,widely used in different occasions all over the world.

Teison always insists on quality&service first. We sincerely welcome clients around the world to our factory for quality and production line check.

Factory history

2017 — Establish Teison Brand&Start intl business&Start from home wall box

Portable ev charger — **2018**

2019 — Fast growing in eu market

OCPP ev charging station — **2020**

2021 — New base established

2021

NEW OFFICE

More Products

Teison Portable pro

TS-PEC-002

- IP67
- Easy carry
- LCD display
- TUV & CE approved
- 6-32A adjust current

Teison Portable mini

TS-PEC-003

- IP65
- Easy carry
- TUV & CE approved
- 6-16A adjust current

Teison Wallbox home

TS-EVC07-001 (S)TS-EVC11-001 (S) / TS-EVC22-001 (S)

- Small volume
- Easy installation
- Patent product

Teison Home Pro

TS-EVC07-002 (S)/ TS-EVC11-002 (S) / TS-EVC22-002 (S)

- Home load-balance
- Open communication protocols more oem functions

Teison Smart mini

TS-EVC07-003 / TS-EVC11-003 / TS-EVC22-003

- Smart APP control
- Eco mode
- mini size
- OTA

EV Charging Cable

- TPU material
- More wear-resisting
- Colour customization