

Teison



Teison Smart Pro

TS-EVC07-002C-001

TS-EVC11-002C-001

TS-EVC22-002C-001

TS-EVC07-002C-001S

TS-EVC11-002C-001S

TS-EVC22-002C-001S



Product overview

A charger comes with high-integrated smart board and communication function, the Teison designed meet IP65, 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.



Product features



Solid design wallbox

Meet IP65 & IK10 standard by lab test



5 inch HD touch screen

Easiest user interaction and real-time status view



Indicator light

Showing real time wallbox status



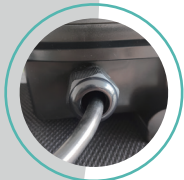
RFID Sensor

Identification & payment solution



Access hole

For easiest maintenance



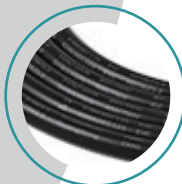
Waterproof port

For the best security



Emergency button

Press to cut off the power immediately



TPU cable

4.5 meter cable with excellent durability and top cold resistance at -30°C



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 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			
Model	TS-EVC07-002C-001 TS-EVC07-002C-001S	TS-EVC11-002C-001 TS-EVC11-002C-001S	TS-EVC22-002C-001 TS-EVC22-002C-001S
Electrical Properties			
Voltage	230V AC ±10%	400V AC ±10%	400V AC ±10%
Output Current	32A	16A	32A
Frequency	50/60Hz	50/60Hz	50/60Hz
Output Power	7kw	11kw	22kw
Residual current protection	TypeB (AC 30mA+DC 6mA)		
Design			
Emergency Stop Button	Yes		
Display	5" LCD touch screen		
RFID Function	5pcs cards		
Charging Outlet	Two charging socket (Type 2) / 4.5M charging cable		
Power incoming line	0.5M		
Housing Material	PCV0 for outdoor		
Front Panel	PC		
Installation Method	Wall-mount/Floor-stand		
Network Gateway	LAN / Wifi		
Communication Protocol	OCPP1.6(J-SON)		
Safety Standard	EN IEC 61851-1:2019; IEC 61851-1:2017; EN IEC 61851-21-2:2021; EN IEC 61000-6-1:2019; EN IEC 61000-6-2:2019; EN IEC 61000-6-3:2021; EN IEC 61000-6-4:2019; ETSI EN 300 328 V2.2.2:2019; ETSI EN 300 330 V2.1.1:2017; ETSI EN 301 489-1 V2.2.3:2019; ETSI EN 301 489-3 V2.1.1:2019; ETSI EN 301 489-17 V3.2.4:2020; EN IEC 62311:2020		
Warranty	2 years		
Environmental Performance			
Protection Level	IP65		
Working Altitude	<2000M		
Application Site	Indoor/Outdoor		
Working temperature	-30℃ ~ +50℃		
Working humidity	5% ~ 95%, No condensation		
Atmospheric pressure	80kPa ~ 101kPa		
Packing Details			
Product Size	398*324*120mm	398*324*120mm	398*324*120mm
Product Weight	10KG	11KG	12KG
Optional Config			
Dynamic load balancing	RS485 meter or local junction box (optinal)		
Energy Meter	MID power meter		
Network Gateway	4G		

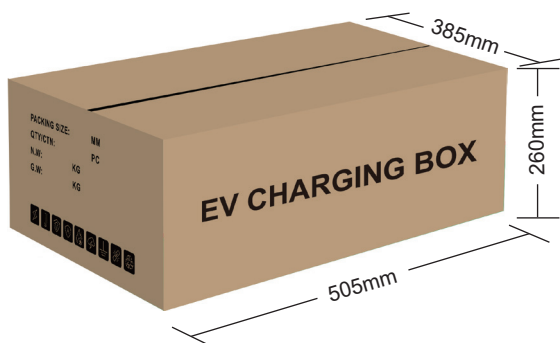
Product size and packaging

Product size: 398*324*120 mm

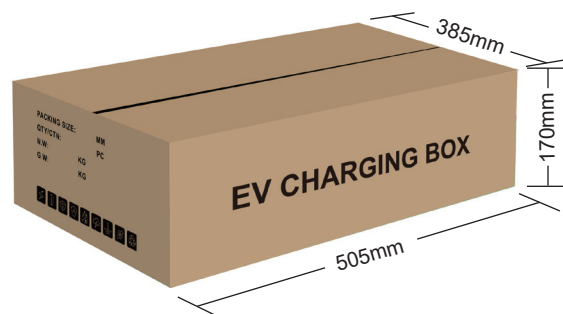
Product gross weight: 14KG



Package: 505*385*260mm



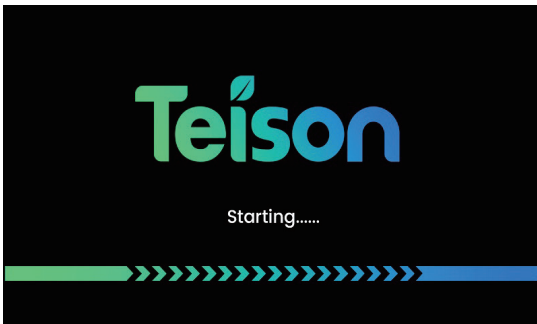
Package: 505*385*170mm



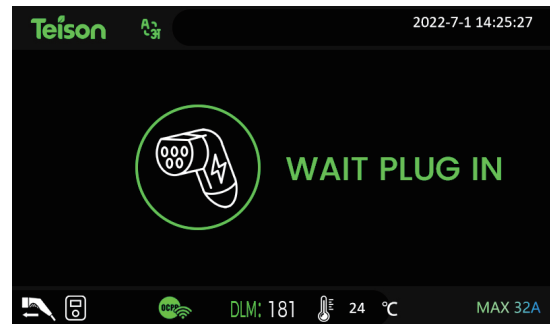
External packing: carton box&wood pallet

Charging instruction

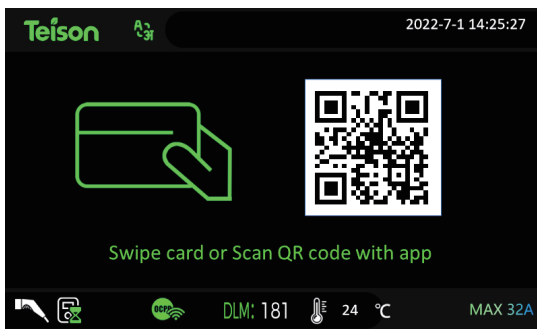
Follow the prompt operation and simply tap on the touch screen. The process can be summarized as follows



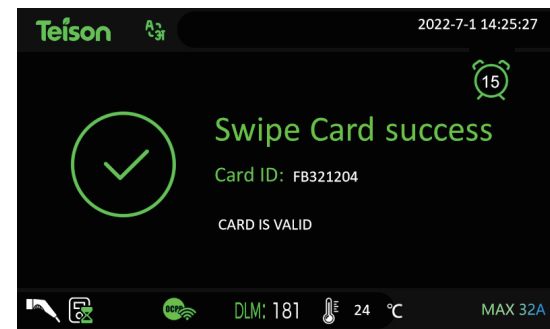
Touch the screen to enter the Starting page.



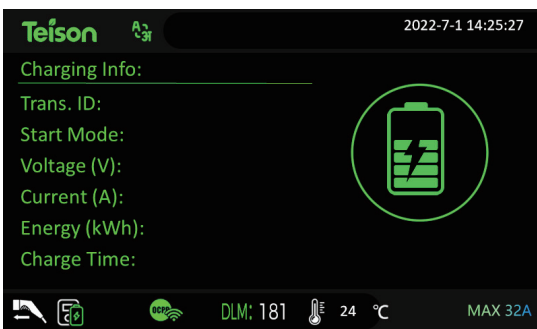
Plug the cable, and proceed to the next step.



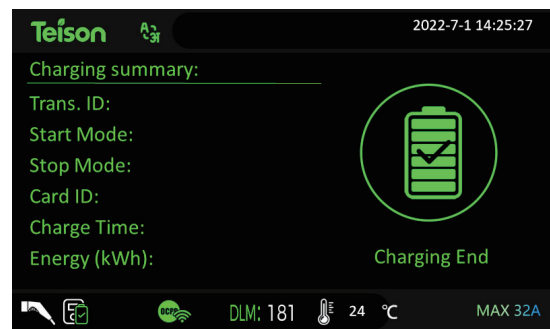
Scan QR code or swipe the card to enter the start charging.



After swipe card, the screen shows the result.



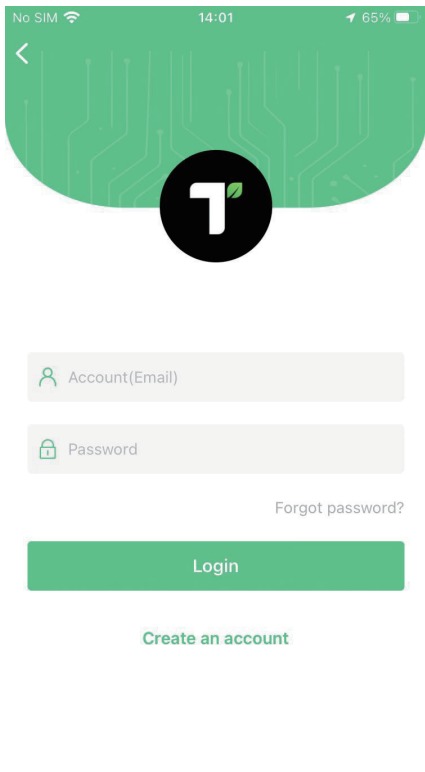
When charging, the screen shows the energy, charging time, voltage and current.



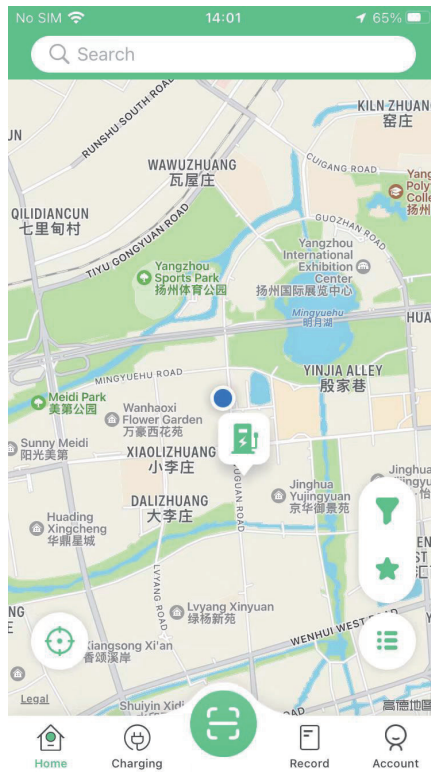
Users can choose two ways to stop charging:

- 1.Users swipe the card again to end.
- 2.Users stop charging by the App.

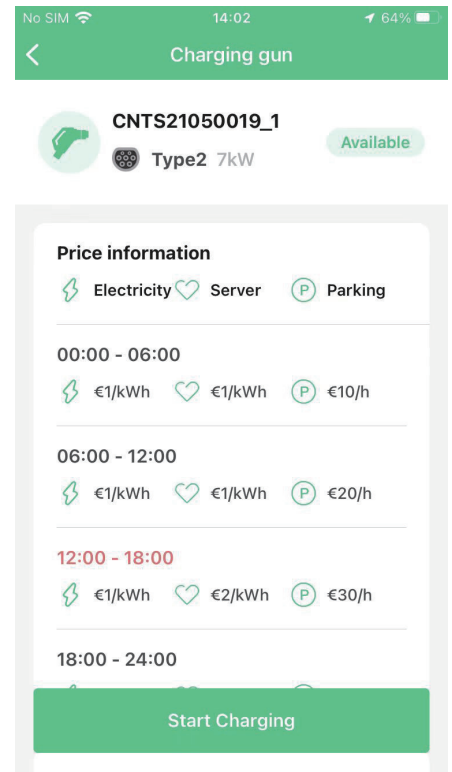
APP charge



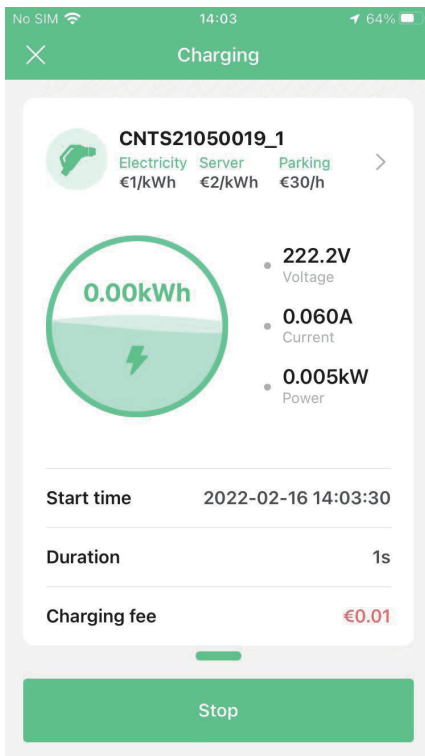
Register your information and login



Scan the code when charging



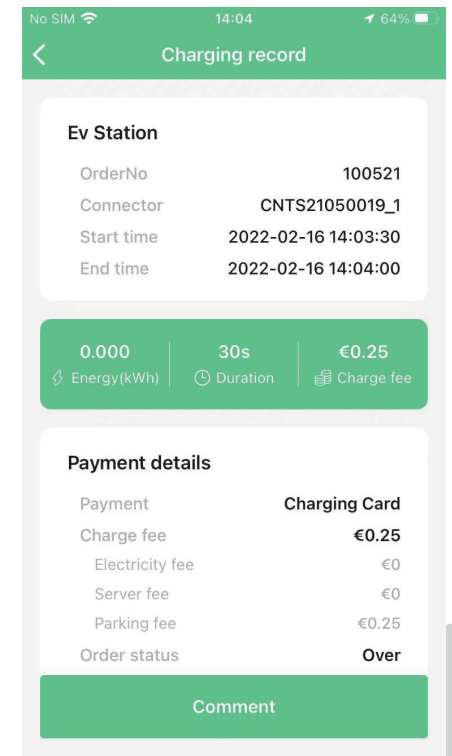
Choose charging mode to charge



Charging status



Check your account and bill information



LCD display



POWER
Blue light normally on



CONNECT
Green light normally on



CHARGE
Green light breathing flashing



FAULT
The red light flashing



Teison profile

Teison Energy Technology Co., Ltd. is a high-tech enterprise dedicated to new energy products. With its industry-leading R&D and design team, it has advanced automobile charging technology and products that can solve energy management, load balancing, commercial operations, data transmission, remote upgrading, and operation and maintenance management in various application scenarios. It provides users with an integrated "Solar-storage-charge" solution.

Teison's products comply with national, European, American, and Japanese standards, including household intelligent charging series and high-power fast charging and supercharging direct current series for commercial operations that are available in AC and DC, mobile, and portable models. They have been certified by the OCPP1.6J certification of the OCA alliance, Germany's TUV Rheinland for CE, CB, WEEE, UKCA, TR25, and AZE certifications, and the national grid 16949 certification.

As a smart charging expert, Teison's products are sold worldwide. It has established more than 100 sales outlets in over 40 countries, and has set up subsidiaries, overseas warehouses, and after-sales service departments in Europe, the Middle East, South America, and Southeast Asia to provide users with efficient and fast technical support.

As a safety charging expert, Teison insists on putting safety first, and product quality is the essential guarantee of safety. It creates aesthetically designed, high-quality, and safety-friendly charging scenes for users, and together with Teison's technology, lets users enjoy a better life.

Factory history

2018

Teison brand established, committed to creating the most reliable charging solution for global customers.

2019

1. Built R&D team
2. Developed LVD+EMC TUV-certified OCPP full-featured charging station

2020

1. Established a new 4000m² production facility
2. Developed full-featured OCPP for AC series
3. Awarded national-level high-tech enterprise

2021

1. Developed 20-40kW OCPP DC charging station
2. Developed 60kW-480kW integrated DC charging station
3. Achieved top new energy export status in Yangzhou

2022

1. Expanded production facility to 8800m²
2. Developed a flexible separate power module and dispenser solution, along with high-power liquid-cooled charging stations
3. Ranked among the top 10 most popular Chinese charging station brands globally

2023

1. Continuous upgrading of DC charging station (POS, advertising display, cable management).
2. Attainment of OCPP OCA certification.
3. Full-scale entry into the Southeast Asian and South American markets.
4. Commencement of overseas subsidiary establishment.

2024

1. Establish offices worldwide.
2. Improve Teison's localization services.