

Teison



Teison Smart Twins

TS-EVC07-002C-002

TS-EVC11-002C-002

TS-EVC22-002C-002

TS-EVC07-002C-002S

TS-EVC11-002C-002S

TS-EVC22-002C-002S



Product overview

A charger comes with high-integrated smart board and advertising, the charger designed meet IP55, 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



Sturdy metal casing

Meet IP55 & IK10 standard by lab test



Excellent publicity methods

Large-sized advertising screen



Indicator light

Showing real time wallbox status



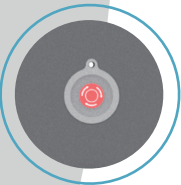
RFID Sensor

Identification & payment solution



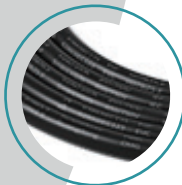
Waterproof port

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-SO
- 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
- 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

- SPCC Carbon steel housing material,Have good heat dissipation. The structural strength is high, and the outdoor installation is not easy to be damaged
- 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

Product configuration

Product codes	Vehicle connector	Max.charging current	Max.DCcharging power
TS-EVC07-002C-002 TS-EVC07-002C-002S		2*32A	7kW
TS-EVC11-002C-002 TS-EVC11-002C-002S	2*CCS2 2*CCS1 2*GBT 2*NACS 2*CHAdEMO	2*16A	11kW
TS-EVC22-002C-002 TS-EVC22-002C-002S		2*32A	22kW

Note: The type of charging connector may be selected and customized according to specific

Options

Dynamic load balancing	RS485 meter or local junction box
Energy Meter	MID power meter
Network Gateway	4G
Ground connection	PEN fault protection (UK only)
Customized branding	Branding options, such as custom colors and stickers Contact Teison for availability, pricing, and minimum order quantity

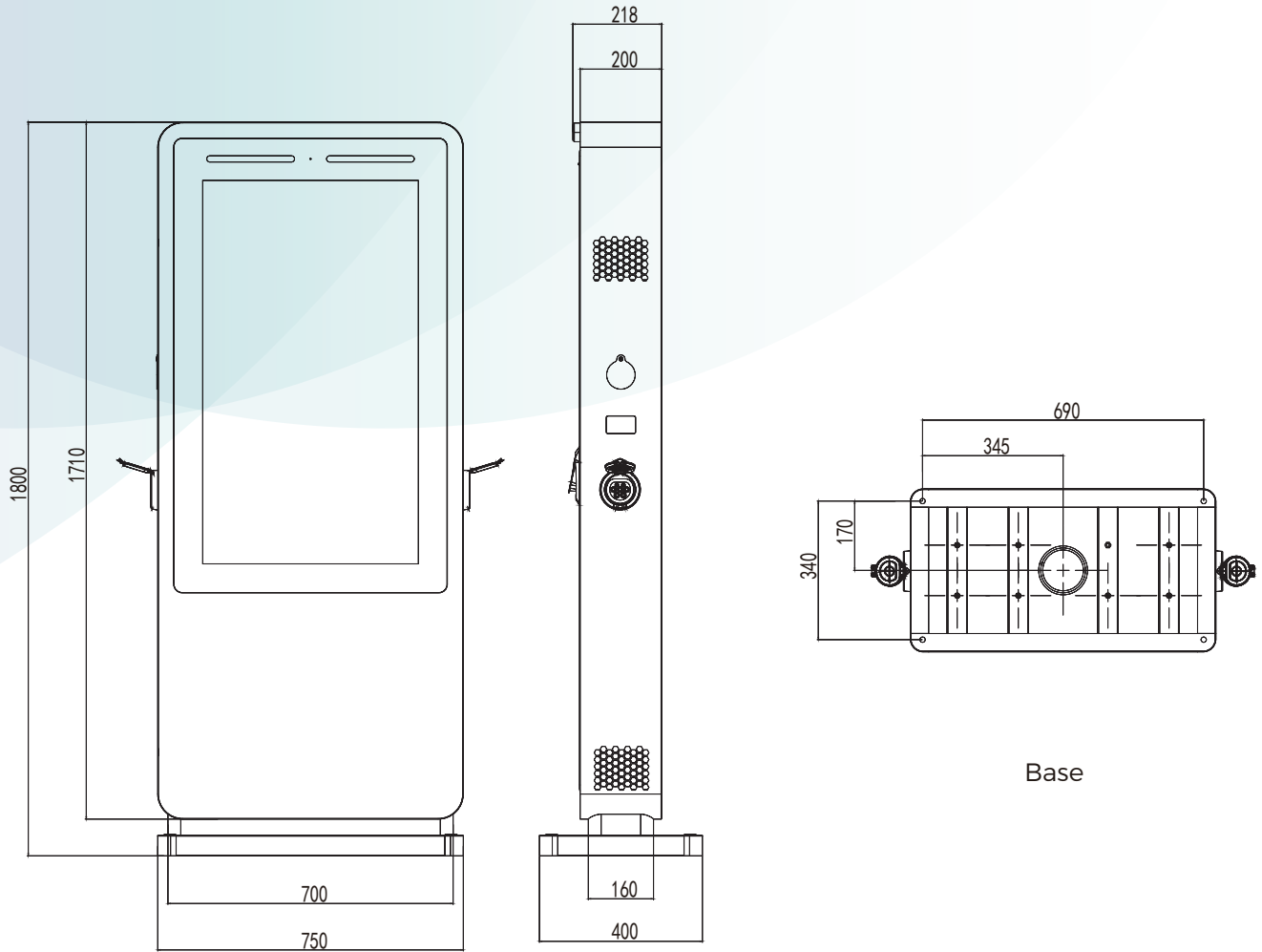
Parameter

Specification			
Model	TS-EVC07-002C-002S TS-EVC07-002C-002	TS-EVC11-002C-002S TS-EVC11-002C-002	TS-EVC22-002C-002S TS-EVC22-002C-002
Electrical Properties			
Voltage	230V AC ±10%	400V AC ±10%	400V AC ±10%
Max Output Current	2*32A	2*16A	2*32A
Frequency	50/60HZ	50/60HZ	50/60HZ
Max Output Power	2*7kW	2*11kW	2*22kW
Residual current protection	30mA AC+ DC 6mA		
Design			
Emergency Stop Button	Yes		
Display	7" touch screen(Android system)		
RFID Function	5 pcs cards		
Charging Outlet	Two charging socket (Type 2) / 4.5M charging cable		
Energy Meter	On board power meter		
Housing Material	Galvanized steel sheet		
Installation Method	Floor mounted		
Network Gateway	LAN/ WIFI		
Communication Protocol	OCPP1.6(J-SOIN)		
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	IP55		
Working altitude	<2000M		
Application site	Indoor/Outdoor		
Working temperature	-30 C ~+50 C		
Working humidity	5%-95%. No condensation		
Atmospheric pressure	80kPa-101kPa		

Advertising screen specifications			
Display Screen	Screen size	43"	32"
	Display area	940.896(H)*529.254(V)mm	698.4(H)*392.85(V)mm
	Display scale	16:9	
	Resolving power	1920*1080	
	Brightness	2000cd/m ²	1500cd/m ²
	Contrast ratio	1200:1	1000:1
	Viewing angle	178(H)*178(V)	
	Support video formats	MP4, AVI, DIVX, XVID, VOB, DAT, MPC, RM, RMVB, MKB, MOV, HDMOV, M4V, PMP, AVC, FLVS	
	Support image formats	JPEG, BMP, GIF, PNG	
Motherboard	Processor	RK3568	
	Memory	4G DDR3	
	Storage	32G EMMC/NAND	
	Interface	USB2.0*1, USB3.0*1, R345, HDMI, Audio, RS485, RS232, 4G, WIFI	
Operation Parameters	Video interface	HDMI output	
	Audio interface	I/O inputs and outputs (Optional)	
	Brightness control	Automatic photosensitivity	
	Working temperature	-30 C ~ 70 C	
	Working humidity	20 %RH to 90 %RH	
	Source	85-305V AC	
	Power	≤110w	

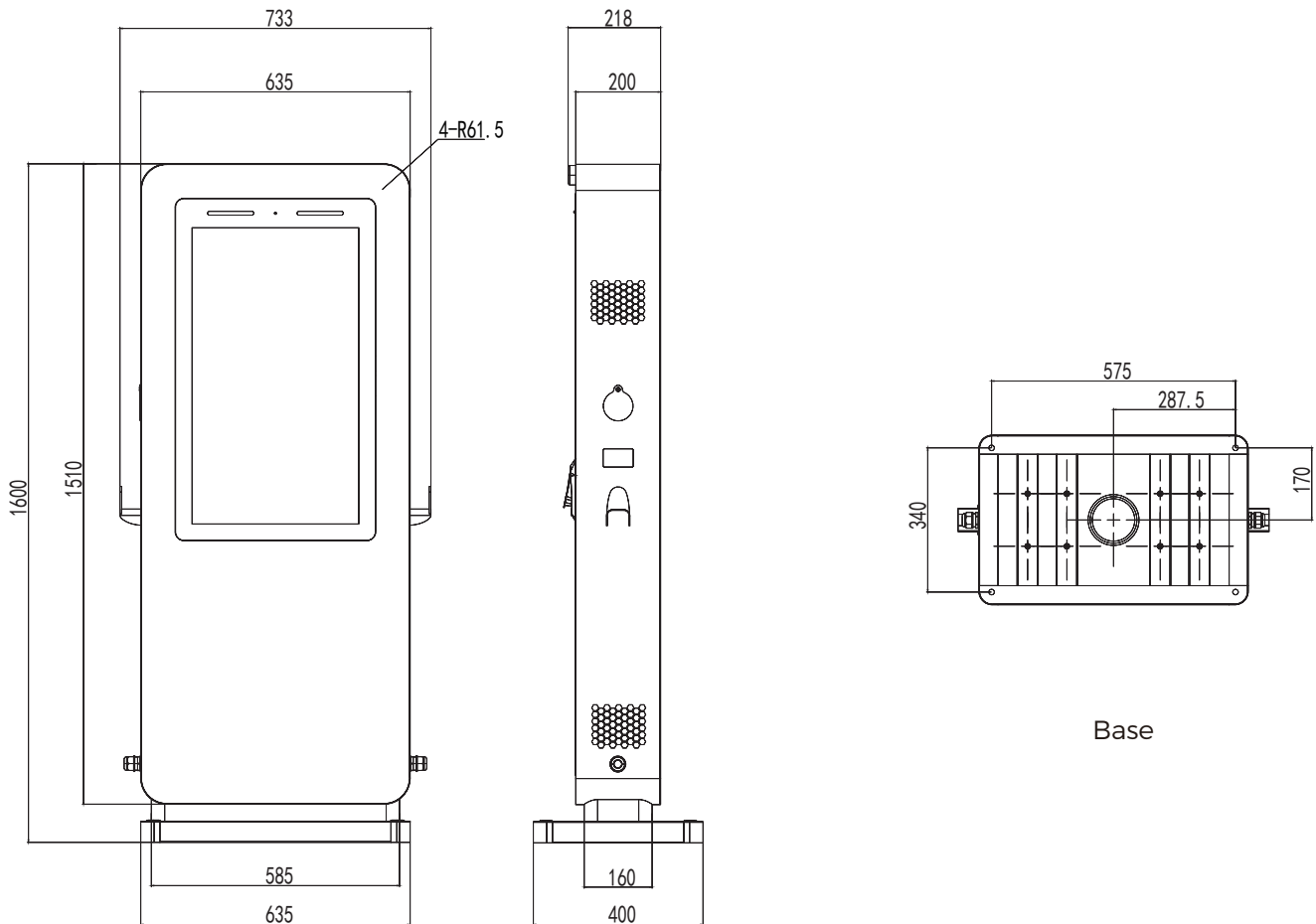
Product size and packaging

43'Inch advertising screen



Product Codes	Package Size(mm)	Package Weight(KG)
TS-EVC07-002C-002S TS-EVC11-002C-002S TS-EVC22-002C-002S	1000*700*1995mm	130KG
TS-EVC07-002C-002 TS-EVC11-002C-002 TS-EVC22-002C-002		140KG

32'Inch advertising screen



Base

Product Codes	Package Size(mm)	Package Weight(KG)
TS-EVC07-002C-002S TS-EVC11-002C-002S TS-EVC22-002C-002S	885*700*1765mm	110KG
TS-EVC07-002C-002 TS-EVC11-002C-002 TS-EVC22-002C-002		120KG

Charging instruction

RFID Prepaid Charging Mode

Click the start button on the display screen, and the screen will show a swipe signal. Once this interface appears, place the card at the card reader.



Scan the Code on the App to Start Charging

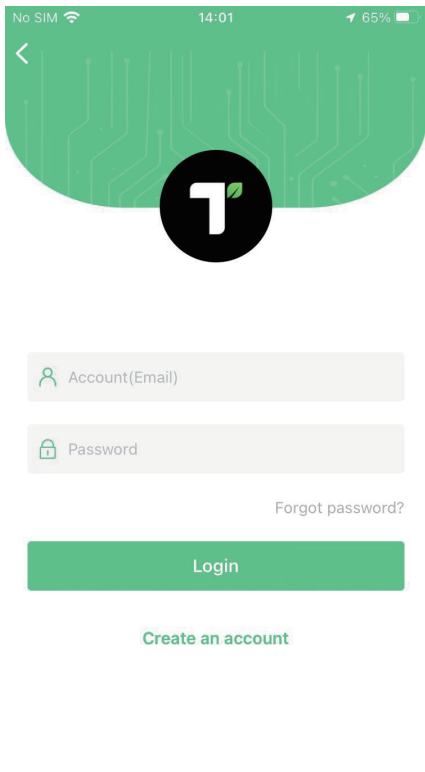
Click on User Preference and then select QR Authentication.

Open the My Teison app and enable the scanning function.

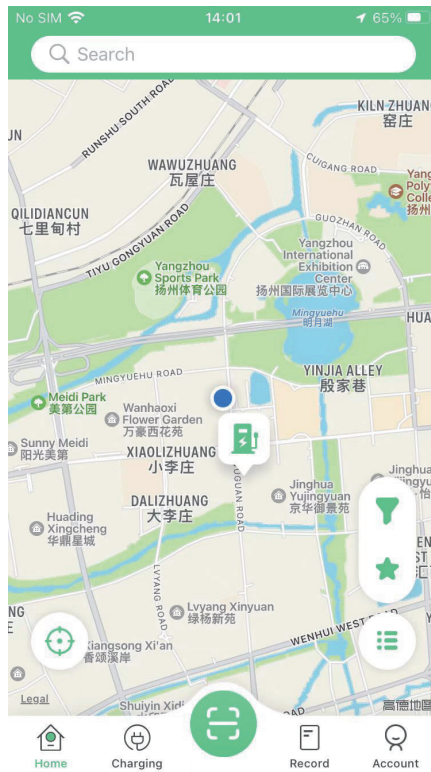


Note: It also supports POS card charging. For more detailed instructions, please refer to the manual.

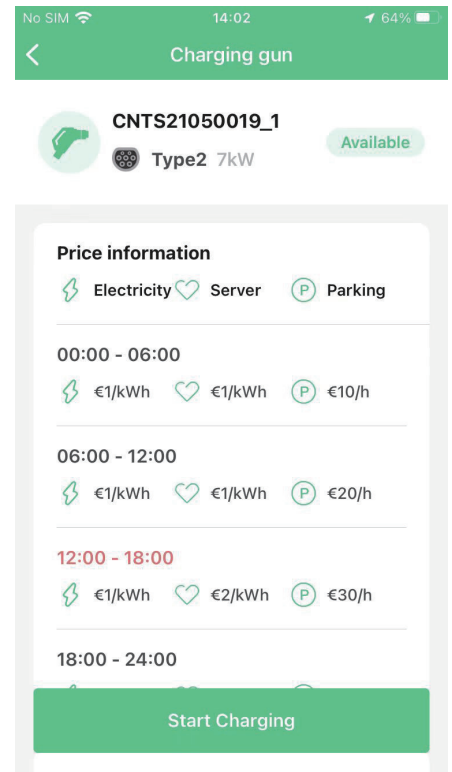
APP charge



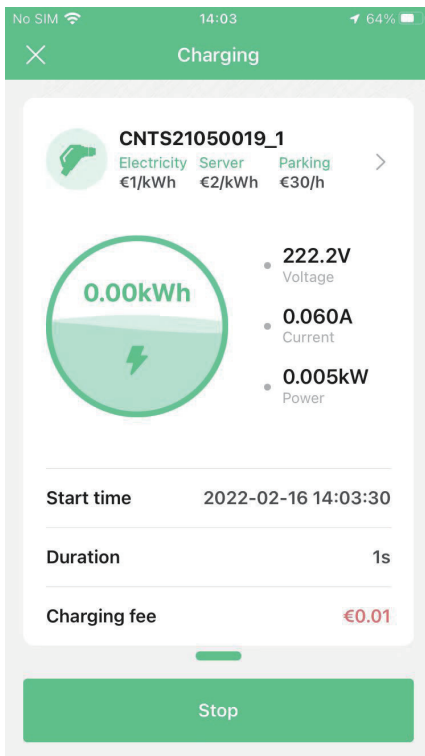
Register your information and login



Scan the code when charging



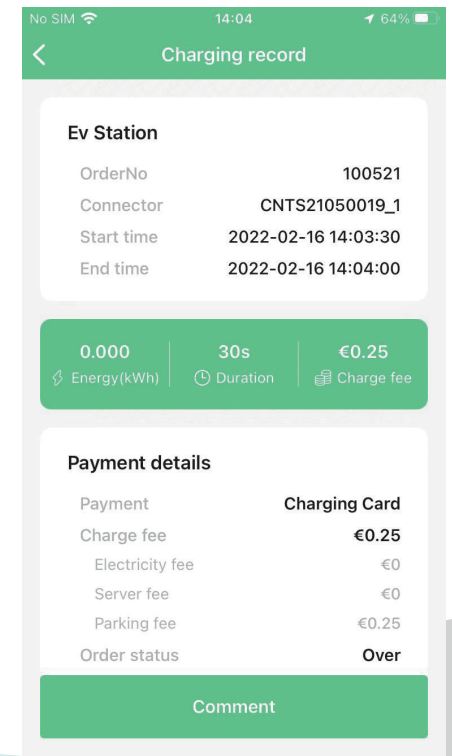
Choose charging mode to charge



Charging status



Check your account and bill information





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.