

Teison



Teison Portable mini

TS-PEC-003



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Mini but Powerful



IEC/EN 62752
IEC/EN 61000
IEC/EN 62196

Product features



Solid design wallbox

Meet IP65 & IK10 standard by lab test



Color Indicator light

Showing real time charging status



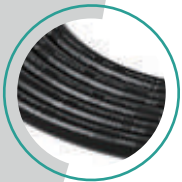
Control button

Max output current adjustment



Industry leading Water protection

Resistance of 15 minutes direct spray from a high pressure water jet in lab test



TPU cable

5 meter cable with excellent durability and top cold resistance at -40°C



TUV approved connector

Excellent water protection and easy hold ; Silver plated terminals to minimize wear and tear on EV charging socket

Designed for your most convenient portable charging

- IK10 Solid design withstand a 2.5T car
- Mini size with no more than 2kg
- Max 16A 1P stable and safe charging
- Flexible charging/ power connector options
- Color indicator light displays charging status in real time and dynamically
- build in metering chip measures power consumption accurately
- Max 5 levels current adjustment
- -30°C -60°C stable working
- Self-diagnosis of faults, automatic repair
- Compatible with all cars in type 2/1 connection.
- 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 TUV applicable standards.
- AC + DC faults detection
- Real-time monitoring for heat and all instabilities during charging process

Parameter

Specification	Model	TS-PEC-003
Electrical Properties	Voltage	230VAC ±10%
	Max Output Current	16A (6/8/10/13/16 Optional)
	Frequency	50/60 Hz
	Max Output Power	3.5kw
	Residual current protection	30mA AC
Structure Design	LED Indicator	4 Indicators
	Charging Outlet	TYPE1/2 5M charging cable
	Housing Material	PC+GF 10%
	Front Panel	PC
Security Protection	Safety Standard	IEC/EN 62752:2016
	Multiple Protection	Over/Under voltage protection , Surge protection , Over temperature protection , Over current protection , Leakage Protection , Short circuit protection , EFT Protection
	Warranty	1 year
Environmental Performance	Working temperature	-30 °C ~60 °C
	Storage temperature	-40 °C ~70 °C
	Working humidity	5%~95%, No condensation
	Protection Level (control box)	IP65
	Altitude	≤2000m
	Application Site	Indoor/Outdoor
	Cooling Method	Natural cooling
Packing Details	Product Size	180*81*45mm
	Product Weight (Net Weight)	≤1.9KG
	Product Weight (Gross Weight)	≤2.2KG

Product size and packaging

Product size: 180*81*45mm

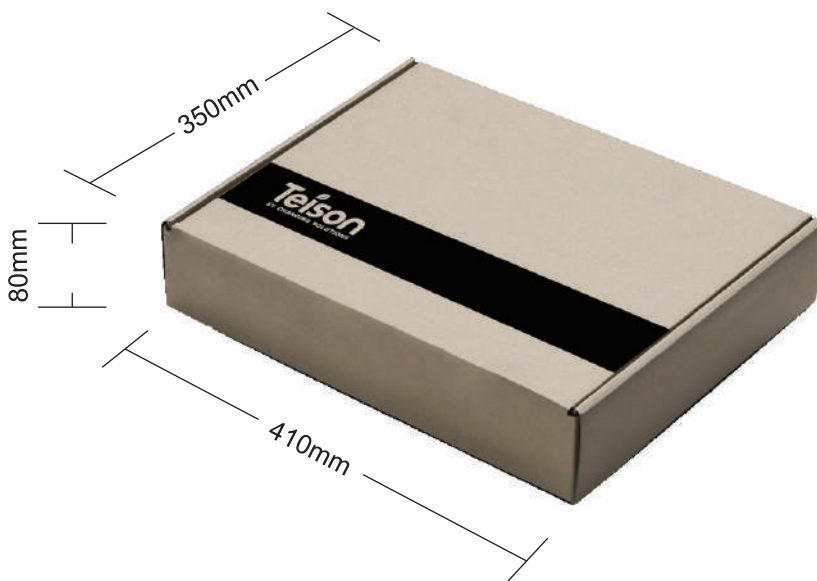
Product net weight: ≤1.9kg

Product gross weight: ≤2.2kg



Each one is with a certificate of conformity card. Five-layer corrugated packaging is used to fit the charger measured 410mm(L)*350mm(W)*80mm(H) for 1pc.

Outer package 1PC/CTN(425mm*365mm*95mm)or 7PCS/CTN(600mm*435mm*410mm).



Product installation

Pls kindly check the manual before using.

The operation steps are as follows:

Step 1: Connect with the power, the control box starts to be energized, the blue light is always on. Press the “Ampere button” to set charging current.

Step 2: Connect the vehicle and insert the plug into the vehicle socket. The control panel will automatically detect the connection status of the vehicle. After the connection is successful, the connection indicator (green) will be turned on and kept constant.

Step 3: Start charging and establish communication with the vehicle. Vehicles confirm the control box on the cable by detecting the duty ratio of PWM signal Maximum power current, charge indicator (green) blinking.

Step 4: Monitoring the charging process. During the charging process, the current, leakage current and temperature of the cable control box during charging process are monitored. If a fault occurs, the cable control box cuts off the power supply, stops charging, the indicator shows different faults according to flash frequency.

Step 5: Charging is over. The control box on the cable cuts off the power supply and stops charging. Disconnect the power plug from the outlet (socket). Disconnect the plug from the vehicle inlet.

Fault handling

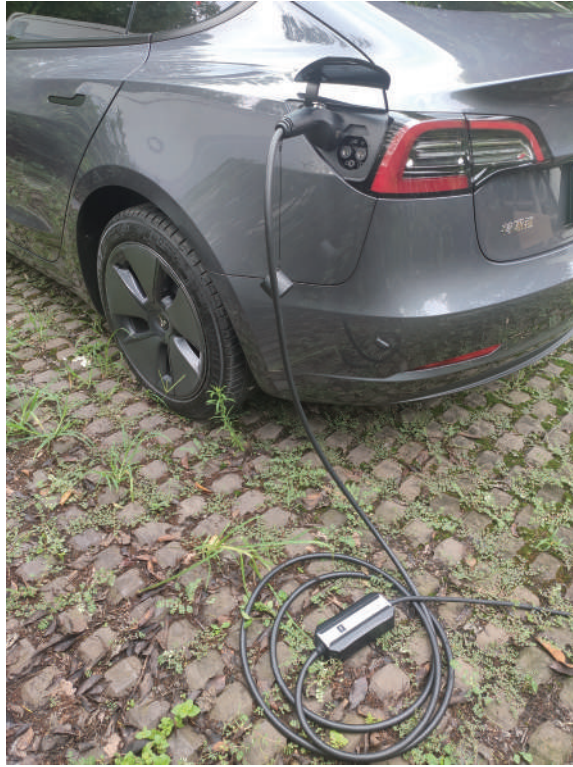
If any abnormal, the LED blinks as below.

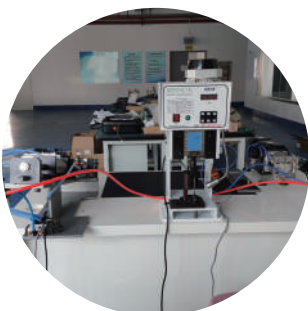
Abnormal	Electric leakage	Red blinks once	2S between every group
	Communication Fault	Red blinks twice	
	Over- temperature	Red blinks thrice	
	Over- current	Red blinks four times	
	Under- voltahe	Red blinks five times	
	Over- voltage	Red blinks six times	

This cable has precise internal structure. Any questions, please contact our Customer Service Manager at the first time. Please do not take it apart without any professional technical support.

If any physical problem caused by Teison, we provide one year warranty to replace a new one.

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

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

2018

- 1.Fast growing in EU market on Home Wallbox market share.
- 2.Won good reputation in the European market by Quality and Service.

2019

1. Developed the first LVD+EMC TUV approved IP67 portable ev charger in China for European market.
2. R&D team established for OCPP smart charging solution both on hardware&software.

2020

- 1.New production base established.
- 2.Developed OCPP full function Pro wallbox and OCPP platform.
- 3.Fast growing in EU market on Smart wallbox market share.
- 4.R&D team established for DC charging station.

2021

- 1.Developed the first LVD+EMC TUV approved OCPP full function Mini wallbox in China.
- 2.Developed OCPP DC charging station from 30-360kw.
- 3.Started to providing customization service for customers.
- 4.Continue to increase investment in R&D.

2022

- 1.Production base expended.
- 2.Fast growing on market share in EU, Asian and South America.
- 3.Developed dynamic load balance and solar surplus charging solution.
- 4.Fast growing on DC charging station market share.

