

User Guide

Portablebox



TYPE 1 (SAE J1772 North American standard)

Chevrolet Volt, Citroen C-Zero, Fisker Karma, Ford Focus Electric, Ford C-Max Energi, Mia, Mia Electric Van, Mitsubishi-I Miev, Mitsubishi Outlander Phev, Nissan NV200 SE Van, Nissan Leaf, Peugeot Ion, Renault Fluence, Renault Kangoo, Renault, Smiths Edison Van, Smiths Newton, Tata Indica Vista EV, Toyota Prius, Vauxhall Ampera...



TYPE 2 (IEC 62196-2 EU European standard)

Audi A3 e-Tron, BMW i3, BMW i8, Chevrolet Spark, Mercedes B Class E-Cell, Mercedes S500 PFIEV, Mercedes SLS EV, Mercedes Vito E-Cell Van, Porsche Panamera S PFIEV, Renault Zoe, Renault Zoe 2013, Volkswagen e-Up, Volkswagen e-Golf, Volvo V60 PHEV...

Good to know

1. This is a Mode 2 / Level 2 EV charging cable only for EVs with Type 1/ Type 2 inlets. Don't use it for EVs with other types of inlet.
2. This cable has complicated 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.
3. Don't use it in the water.
4. This product is only for EV charging. Please don't use it for any other affair, including hauling, binding and so on.

Specification

- | | |
|--|------------------------------|
| 1. Certificate: CE | 2. Protection: IP65 |
| 3. Operating Current: 6~16Amp | 4. Voltage Range: 100V~250V |
| 5. Maximum Power: 3.8KW | 6. Auto Charge Recovery: Yes |
| 7. Current Adjustable: Yes | 8. Warranty: 1 Year |
| 9. LED Lights: Indicates Charging Status | |

Professional Specification

- | | |
|--|---|
| Service Life: >50000 times | Withstand Voltage: 2000V |
| Insulation Resistance: >1000MΩ | Inlet Cable Spec: 3*2.5mm ² |
| Terminal Temperature rise: <50K | Shell Material: ABS+PC Alloy |
| Contact Impedance: 0.5m Ω Max | Cable Diameter: 12(mm)/0.47(in) |
| Working Temperature: -25 ℃~+55 ℃ | Contact Pin: Copper alloy, silver or nickel plating |
| Sealing gasket: Rubber or silicon rubber | Vibration Resistance: Meet JDQ 53.3 requirements |

Cautions

1. Only used for EV charging.
2. Do not use the charging box if the device is damaged.
3. Do not use this device with an extension cord or adapter.
4. Please do not open up any part of the device by yourself. Please do not disconnect while the charging box is working.
5. Please follow the user manual to use this device.

Key Features

High Compatibility: Available for all EVs with Type 1/Type2 inlet, 100% correctly and effectively.

IP65: Its unique waterproof design ensures that you can use it at anytime.

Safety Assurance: Already passed all tests of CE. All kinds of protective measures are taken to ensure the safety of every user.

Time, Current and Delayed time: The charger can simultaneously set the charging time, charging current amount and delayed charging function. Currently, the product has 2 to 5 charging current switching modes. Please refer to the actual switch version you purchased.

Rugged Enclosure: To present top notch quality, we use brand-new design and solidly build high strength ABS plastic. The charger is proved to be able to bear the weight of a car.

Intelligent Chip: Automatically repair minor charging problems while charging. The light will blink in different ways to indicate different problems to help you know the charging situation right now.

Charge Operation Guide: First connect the power supply, then set the charging time, choose the current and whether to delay the charging time, after setting, insert the car plug into the car charging port, and start charging.

Security Protection

Warning and Indicator Functions
Short-circuit protection
Output Overcurrent Protection
Input Under Voltage Protection

Over Temperature Protection
Ground Protection
Input Overvoltage Protection
Charge Status Detection

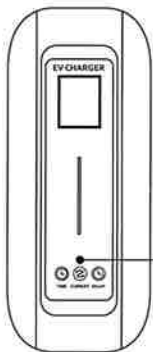
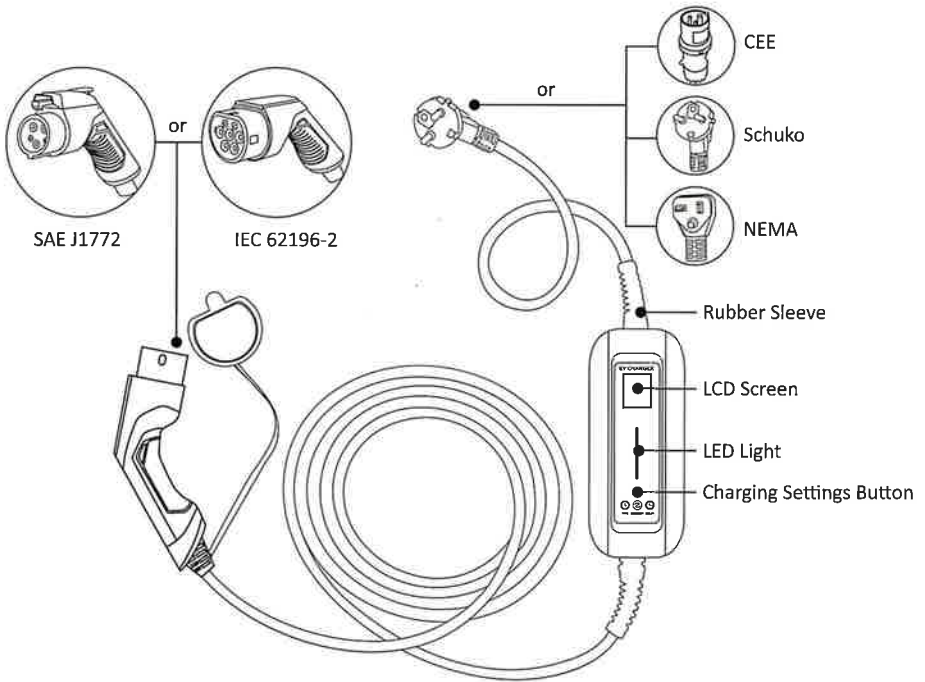
About Maintenance

- In order to ensure the normal service life of the charger and reduce the risk, maintenance must be performed within the specified time; the maintenance of the equipment needs to be completed by professionals, with use of qualified and safe maintenance tools.
- The product is carefully packed in factory. During transportation, strong impact and bumps should be avoided to prevent damage to the outer packaging of the product.
- The product should be placed at an ambient temperature of $-25^{\circ}\text{C}\sim+55^{\circ}\text{C}$ with a relative humidity of less than 95%. The ambient air should not contain acids, alkalis or other corrosive gases and explosive gases, It also should be away from rain, snow, wind and sand.

Overhaul

- Mode 2 / Level 2 Charging Cable is subject to stringent quality inspections. From the day of purchase, any quality problems during using the equipment correctly within one year can be reflected to the dealer for the after-sales service.
- Any incorrectness to handle, install, misuse, repair or neglect caused by the user's own inaccuracy or any natural damage resulting in direct damage and failure to the product cannot be covered by the warranty.
- This quality guarantee is only for original buyers.

TIME / CURRENT / DELAY



TIME: Press the button once means it will charge 1 hour, press 9 times at most. If you continue to press, The charging time will return to zero.



CURRENT: Up to 5 currents can be switched. (Please refer to the actual switching current version you purchased).
Tip: Memory Function, make sure your home socket is compatible with the set current.



DELAY: Press once to delay charging for 1 hour, you can press 9 times at most, If you keep pressing, The delay time will become to zero.

NOTE:

- Before the formal charging, the vehicle plug cannot be inserted into the vehicle, otherwise it will be charged immediately and the parameters cannot be set. Please make sure to set the charging time, current and delay after connecting the wall plug, and finally connect the car plug to the vehicle charging port.
- The delay function does not apply to all electric cars, for some cars are not compatible with the charger internally.

Instruction For Use

INITIATE

1 Connect the power cord

2 Push the button and switch charging current
The process in Figure 2 must be performed before Figure 3

3 Plug into the car

4 Charging...

FINISH

1 Plug out

2 Plug off

3 Cover the rubber case

LED Display Status

Idle	Connected	Charging	Finished	Error
Off	Continuous light	Rolling	Continuous light	Red flashing

Security Warning

Failure to follow instructions may result in danger!

- ▲ Regularly check whether the portable charger has visible damage, there may be an electric shock hazard when using the damaged product.
- ▲ Make sure that all safety facilities are available at all times and test them regularly to ensure safety.
- ▲ If a 'Ground Error' occurs, it must be assumed that the earth wire carries voltage. Please check the circuit and make sure that there is no high-power available in the whole circuit system.
- ▲ Before powering on the device, please confirm that the device is properly grounded to avoid accidents.
- ▲ All metal parts should be insulated to prevent short circuit caused by the touch of the tool with the metal frame.
- ▲ Do not modify, retrofit, or change any part by yourself under any circumstances.
- ▲ To ensure a stable service life and operation of the charging cable, operation environment should be kept clean and with constant temperature and humidity. The charging cable must not be used in the presence of volatile gas or flammable atmosphere.
- ▲ Please confirm that the input voltage, frequency, circuit breakers and other conditions of the device have already met the specifications before the device is powered on.

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