

UL Certification Query Method

Click <https://iq.ulprospector.com> and enter the product model number KHONS-WB-UL-48-N in the contraction box to query UL certification.

LED Status

Indicator Light Definitions (Red, Green, Blue, Yellow)

| Color Change                          | Meaning          | Screen Note      |
|---------------------------------------|------------------|------------------|
| Red Light - Yellow Light(~1500ms)     | CCID ERROR       | CCID ERROR       |
| Red Light- Yellow Light(2000~500ms)   | Over voltage     | Over voltage     |
| Red Light- Yellow Light(2000~1000ms)  | Under voltage    | Under voltage    |
| Red Light- Green Light(2000~2000ms)   | CPERROR          | CP ERROR         |
| Red/Yellow/Green (2000/500/500)ms     | Over temperature | Over temperature |
| Static Red Light                      | NO GROUND        | NO GROUND        |
| Red Light - Yellow Light(3000~1000ms) | Leak Current     | Leak Current     |
| Red Light -Green Light(2000~1000ms)   | Meter Error      | Meter Error      |
| Red/Green/Yellow(3000/500/1000)ms     | Over Current     | Over Current     |
| Red/Green/Yellow(3000/1000/1000)ms    | Over Load        | Over Load        |
| Red/Green/Yellow(3000/2000/1000)ms    | Short Circuit    | Short Circuit    |
| Flashing Red Light                    | Relay Error      | Relay Error      |

End charging

1. Stop charging via vehicle or charger.
2. Unplug the charging gun and put it back into the bracket.
3. Turn off the power (if necessary).

Frequently asked questions

Problem solving method

|                                             |                                                              |
|---------------------------------------------|--------------------------------------------------------------|
| The connector cannot be inserted/unplugged: | Check whether the charging port of the vehicle is unlocked.  |
| If charging is interrupted:                 | Check the power supply stability or restart the charger.     |
| If the indicator light is abnormal:         | disconnect the power supply and contact after-sales service. |



Apple App



Android app



Operation video

Model Description:

1. App Mode: Use your phone to remotely control the device and schedule charging times, adjust current, and view charging data.
2. Normal Mode (PNC Mode): Automatically starts charging after plugging in a power source and connecting to a vehicle.
3. RFID Mode: Enable and disable charging through a card.

Khons Makes Charging  
Easy And Convenient.



After-sales Service

Contact Information  
**028 8312 8852**

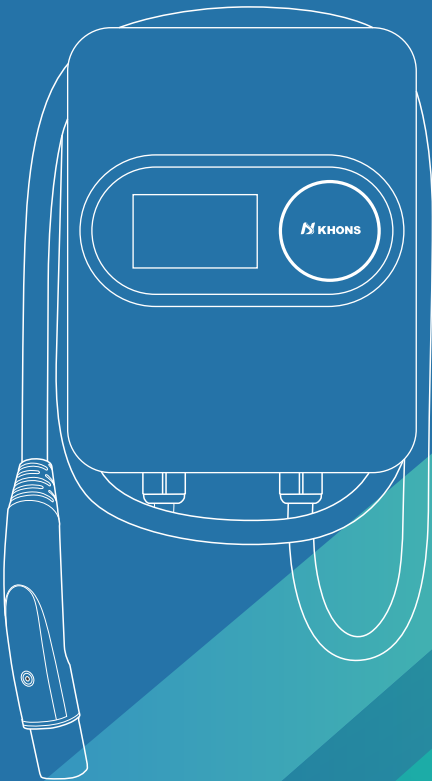
Support Email  
**khons@cnkhons.com**

Official Site  
**www.khonsel.com**

**Note:** This manual is a general guide. Please refer to the actual product for specific operations.  
**Production date:** See product label.



UL Charging Station  
User Manual



**KHONS-WB-UL-48-N**

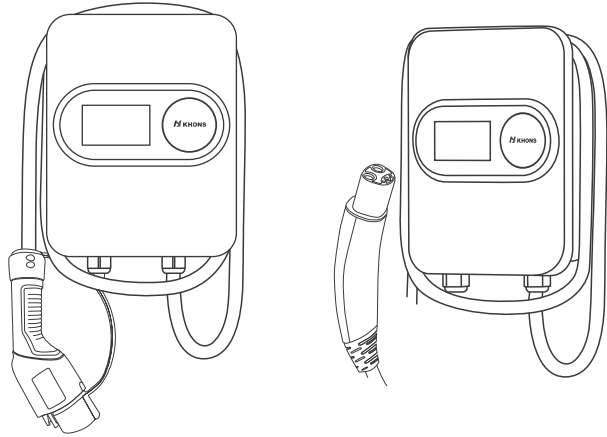
Please read this manual carefully before using the product.  
After reading, please keep this manual properly for future reference.

## Safety Warning

Please be sure to read the following safety instructions before use:



- ① Only applicable to electric vehicles that comply with the IEC 61851 protocol.
- ② It is prohibited to use in humid, high temperature, flammable and explosive environments.
- ③ Before charging, check whether the charging gun and cable are damaged. If there is any abnormality, stop using it immediately.
- ④ Children must operate under adult supervision.



## Installation and User Guide

1. Remove the device from the box and the screws securing the mounting bracket.
2. Remove the bracket.
3. Align the four holes of the bracket and mark the positions on the mounting wall with a pen. Note: The height from the ground to the bottom of the holes must exceed 140cm.
4. Lower the bracket and drill holes at the marked points with an electric drill fitted with a 6mm drill bit.
5. Insert the 6mm plastic tube into the hole with the bracket facing the hole. Then tighten the M6×30 screw.
6. Mount the charger on the bracket and tighten the securing screws at the bottom.
7. Remove the device from the box and the screws securing the mounting bracket.
8. Remove the bracket.
9. Align the four holes of the bracket and mark the positions on the mounting wall with a pen. Note: The height from the ground to the bottom of the holes must exceed 140cm.

10. Connect L1, L2, and GND at the wall terminal to the corresponding devices. The screw holes for L1, L2, and GND, and tighten the screws. Please ensure the wall and line is correct. Use copper conductors.
11. Close the small cover plate of the middle layer of the equipment and tighten the 8 fixing screws.
12. Close the cover of the device and tighten the two screws under the cover, then turn on the wall. Connect the power supply, the screen displays voltage and other data. Insert the charging gun into the car's charging port, and it will start charging. (If APP control is required, you can scan the QR code on the last page of the instruction manual) (QR code for APP operation instructions)

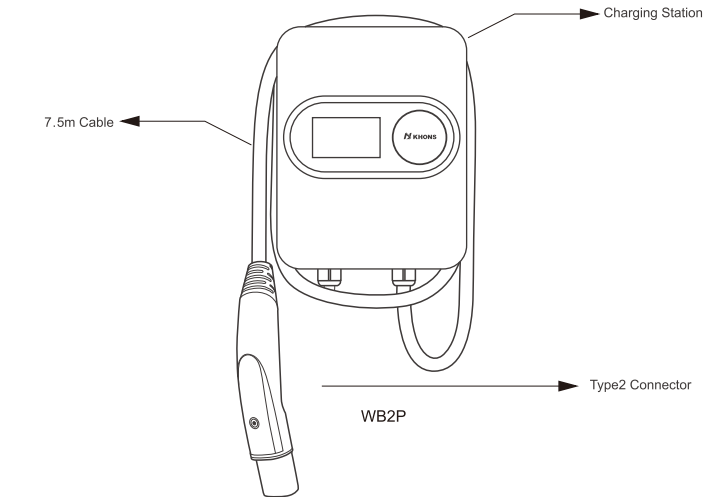
## Operation steps

1. Check that the vehicle is turned off and the charger power cable is properly connected.
2. Turn on Wi-Fi and Bluetooth, then register an account in the app.
3. Click Add Device and wait for Bluetooth to find the device and add it.
4. After completing the product configuration, enter your Wi-Fi information.
5. You can use the device normally once the network configuration is successful.

★ To connect the mobile app to the network, scan the QR code on the last page. For details, refer to the user manual.

## Charging status indication

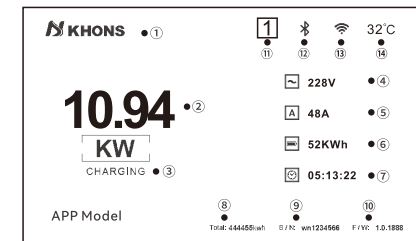
| Light Status          | Description             |
|-----------------------|-------------------------|
| Static Green Light    | Standby, not plugged in |
| Flashing Yellow Light | Plugged in              |
| Breathing Green Light | Charging normally       |
| Static Yellow Light   | Stop charging           |



## Component Description —Plug version

|              |                                                  |
|--------------|--------------------------------------------------|
| Connector:   | Connect to the vehicle charging port.            |
| Control box: | Displays charging status (LED indicator/screen). |
| Cable:       | Length 5 meters (standard configuration).        |

## Display Interface



- ① LOGO
- ② Transient power
- ③ Charger Status
- ④ Transient voltage
- ⑤ Transient current
- ⑥ Current electrical energy
- ⑦ Charging period
- ⑧ Accumulated power
- ⑨ Chager id
- ⑩ Firmware version
- ⑪ Phase
- ⑫ BLE status
- ⑬ WIFI
- ⑭ Temperature

#### FCC Caution.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

\*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.