



# OK2Charge 40 INSTALLATION MANUAL

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A complete step by step guide on how to install  
the **OK2Charge 40 EV Charger**.

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## PACKAGE CONTENTS

- OK2Charge 40

**NOTE:** OK2Charge 40 arrives secured to a cable holder that includes keys.

- Wall bracket
- 2 wall bracket screws (#10 self-tapping Phillips head wood screws)
- 2 screws to hang OK2Charge 40 onto wall bracket (#10-32 Phillips head machine screws)

## REQUIRED TOOLS

- Phillips Screwdriver (No. 2 drive size)
- Stud sensor

## INSTALLATION PREREQUISITES

OK2Charge 40 requires a hardwired electrical connection.

OK2Charge 40 must be installed by an electrician.

The OK2Charge 40 power supply must be connected to a non-GFI circuit breaker that is rated for at least 125% of the device's continuous load.

**NOTE:** Ensure that all power connection wiring conforms to the rules of regulations of national and local codes.

When selecting a location to install the hardwire connection keep in mind that OK2Charge 40 should be positioned:

- ✓ Within reach of vehicle's charge port
- ✓ 18 inches **minimum** above the floor or ground
- ✓ Within range of a local WiFi network

## INSTALLATION

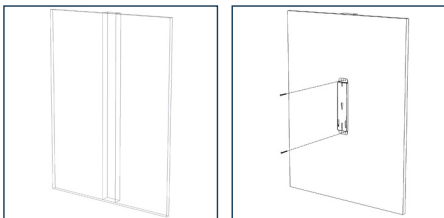
Fully read and understand the directions before the installation. Refer to additional safety information at the end of this document.

- 1 Turn off the circuit breaker to the hardwired electrical connection.

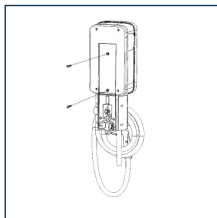


**WARNING:** Do not continue this installation until the circuit breaker is turned off

- 2** Use a stud sensor to determine an appropriate mounting location, then use the 2 screws to secure the wall bracket.

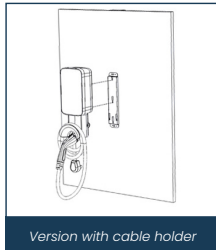


- 3** Insert the enclosure screws into the enclosure, as shown. Tighten the screws until approximately 2 mm of thread are visible.



## 4 Hang the OK2Charge 40 onto the wall bracket.

**NOTE:** If the OK2Charge 40 does not hang securely, adjust the screws that were installed in step 3.



## 5 Connect the OK2Charge 40

**1-Phased Hardwired Version:** Connect the harness to the wiring terminal.




**WARNING:** It is the installers responsibility to ensure that the charger is wired in accordance with the local electrical code.

**NOTE:** The hardwire version of the charger are shipped with appropriate wires that meet the National Electric Code (NEC) NFPA 70 and require a nearby junction box connection. Any alteration of the supplied wiring will invalidate the warranty and may not conform to NEC.

L1 (Black) 6 AWG

L2 (Red) 6 AWG

Ground (Green) 8 AWG (THHN)

Black	Red	Green
		
L1	L2	Ground

- 6 Turn on the circuit breaker that supplies power to the hardwired electrical connection.
- 7 To connect OK2Charge 48 to the internet, refer to OK2Charge Installers app.

## LOCKING YOUR OK2Charge 40

After installing your OK2Charge 40, use the included keys to lock the OK2Charge 40 to the wall frame.

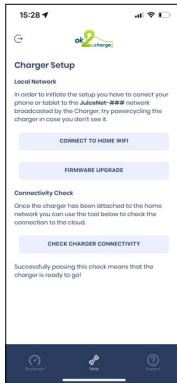
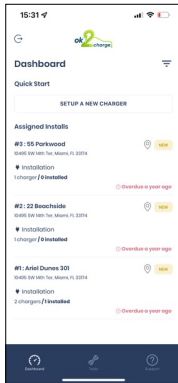
# OK2CHARGE INSTALLERS APP

To get started, download the OK2Charge Installers app from iOS App Store or Android Play Store and login with your credentials.



## CONNECT THE CHARGER TO A WI-FI NETWORK

Go to the “Tools” section by tapping on “SETUP NEW CHARGER” or navigating through the tab bar menu.

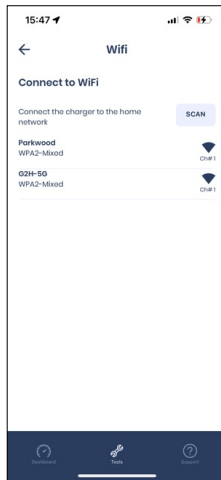
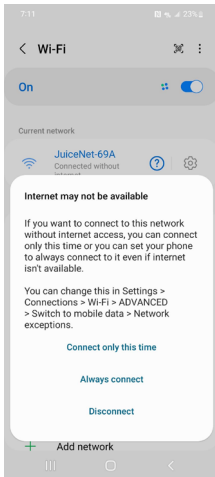


**IMPORTANT:** In order to configure the Charger internet connection, you have to connect directly through the charger via Wi-Fi using the charger embedded Wi-Fi network which is called “JuiceNet-###” and will be broadcasted for a short period of time upon charger power cycling.

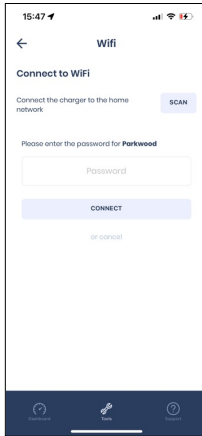


To begin this process, follow these instructions.

- 1** Power cycle the Charger so that it starts broadcasting the JuiceNet-### network, the charger light will be flashing blue
- 2** Join the JuiceNet-### network from your phone settings and go back to the Tools section of the app. If prompted “Internet may not be available” select “Always Connect.”
- 3** From Tools screen, tap on “CONNECT TO HOME WIFI” and “Scan” for networks



- 4** Pick the desired one and enter the Password and tap “CONNECT”. **IMPORTANT:** Passwords are case sensitive.



- 5** Upon success the charger will reboot and come back connected to the home network, the light indicator will be solid white in this case.

- In case of failure, you will see an error message.
- 6** **IMPORTANT:** Do not move forward to trigger firmware upgrade until the charger has successfully connected to Wi-Fi. Please contact our support team if the connection process is not working.

# TROUBLESHOOTING

## Error Codes

In the event of a system error, the OK2Charge unit will produce an audible sequence of tones to indicate its error state. Buzzer tone sequences for error states are listed below.

# of Beeps (in Guide)	Error Type	Solution
1 (Continuous tone-no breaks)	Ground Lost (Reconnect ground)	Check line and neutral connections as they may be reversed in the adapter or outlet. Unplug and reboot OK2Charge. If issue persists, please contact Support.
1 (Repeating beep-short break)	GFI AutoTest Failure (OK2Charge system self-check failure)	Unplug OK2Charge for 30 mins to 1 hour. While unit is unplugged, please also power circuit breaker off and on. If issue persists, please contact Support.
2 (short beeps, then break)	Car not obeying J1772. (Or plugged into something that's not an EV).	Unplug and reboot OK2Charge. If issue persists, contact Support.
3 (short beeps, then break)	GFI Trip (Check your connection)	Unplug from car in order to reset the GFI trip count to 0. If issue persists, contact Support.

<p>4 (short beeps, then break)</p>	<p>Overheat</p>	<p>Move your OK2Charge to a cooler area, out of direct sunlight, or remove heating sources from area. The OK2Charge will automatically resume when it cools off.</p>
<p>5 (short beeps, then break)</p>	<p>Relay Stuck Closed (Disconnect immediately. Contact support)</p>	<p>Check your ground wire in both the panel, and at the device termination (hard-wired or outlet plugged into) to make sure all connections are tight. If error persists after unplugging and rebooting the OK2Charge, and your car will not charge, please contact support.</p>

## LED INDICATOR

Color	Pattern	Meaning
Orange	Pulsing	Powering on
Blue	Flashing	Setup Mode
Yellow	Flashing	Vehicle plugged in, charging ended or suspended
White	<b>All white patterns indicate that unit is online</b>	
	Solid	Ready to charge
	Flashing	Ready to charge, vehicle not plugged in
Purple	<b>All purple patterns indicate that unit is offline</b>	
	Solid	Ready to charge
	Flashing	Ready to charge, vehicle not plugged in
Green	Solid*	Vehicle no longer drawing power*
	Solid (3-second duration)	RFID authorized
	Flashing	Vehicle charging
Red	Solid	Standby mode, not ready to charge
	Flashing	Error (Refer to error codes)

## **IMPORTANT SAFETY INFORMATION**

**Read all safety information before installing this product.**

**WARNING:** This device should be supervised when used around children.

**WARNING:** Do not put fingers into the electric vehicle connector.

**WARNING:** Do not use this product if the flexible power cord is frayed, has broken insulation, or shows any other signs of damage.

**WARNING:** For use with electric vehicles only.

**WARNING:** Do not use this device with an extension cord.

**WARNING:** Do not remove cover or attempt to open the enclosure. No user serviceable parts inside. Refer servicing to qualified service personnel.

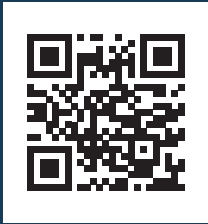
**WARNING:** Install and use the OK2Charge 40 away from flammable, explosive, harsh or combustible vapors, materials or chemicals.

**WARNING:** Do not operate the OK2Charge 40 outside its temperature rating of -40°F to +140°F.

**WARNING:** This device is intended only for electric vehicles not requiring ventilation during charging.

**WARNING:** This product must be earthed. If it should malfunction or break down, earthing provides a path of least resistance for electric current to reduce the risk of electric shock.

**WARNING:** Improper connection of the equipment-earthing conductor is able to result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded.



**Website**

[www.OK2Charge.com](http://www.OK2Charge.com)

**Email**

[gogreen@OK2Charge.com](mailto:gogreen@OK2Charge.com)

**Social Media**

[@OK2Charge](https://www.instagram.com/OK2Charge)

