

JuiceBox Pro

User Manual

ENGLISH



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Welcome to JuiceBox Pro

IMPORTANT SAFETY INSTRUCTIONS


Read all safety instructions before installing this product. SAVE THESE INSTRUCTIONS.


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

 **WARNING:** Do not operate the JuiceBox outside its operating temperature rating indicated on the JuiceBox label.

 **WARNING:** Do not use solvents to clean the JuiceBox as they may degrade or damage the plastic enclosure.


INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK


 **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 JuiceBox away from flammable, explosive, harsh or combustible vapors, materials or chemicals.

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

 **WARNING:** Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.

FCC Compliance

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.



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.

Changes or modifications to this product not authorized by Apple could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product.

This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, television sets, and other electronic devices.

RF Exposure

The antennas must be installed so as to maintain at all times a distance minimum of at least 20 cm between the radiation source (antenna) and any individual. This device may not be installed or used in conjunction with any other antenna or transmitter.

Package Contents

- > JuiceBox



NOTE: In some markets, JuiceBox 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 JuiceBox onto wall bracket (#10-32 Phillips head machine screws)
- > 1 RFID card (except 80A)

Required Tools

- > Phillips Screwdriver (No. 2 drive size)
- > Stud sensor
- > Stripper
- > Wire nut or wire coupler
- > Allen key
- > Electrical tape
- > Wrench or torque wrench

Installation Instructions

Installation Prerequisites

OVERVIEW

JuiceBox requires either a hardwired electrical connection, NEMA 6-50 outlet, or a NEMA 14-50 outlet

The JuiceBox power supply must be connected to a 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 and regulations of any national and local codes.

- > The JuiceBox may require a disconnecting means if:
 - > Not within line of sight of the Electrical Panel
 - > Required by local code
- > **Hardwire Version:** Only the pre-installed, hard wire whip shall be used to connect to a junction box or disconnect. It is not long enough, nor is it meant to go directly into the electrical panel.



CAUTION: Do NOT drill any additional holes into the JuiceBox enclosure as it can cause damage to the PCB and/or electronics inside.

LOCATION



WARNING: This device shall be mounted at a sufficient height from grade such that the height of the storage means for the coupling device is located between 24 inches (2 feet) and 48 inches (4 feet) from grade.

When selecting a location to install the hardwire connection or outlet, keep in mind that JuiceBox should be positioned:

- > Within reach of the vehicle's charge port
- > If applicable, within range of a cellular connection or the local Wi-Fi network.

WIRING AND CIRCUIT REQUIREMENTS

For additional specifications, refer to the [Specifications](#) section.



WARNING: To reduce the risk of fire, connect only to a circuit provided with maximum branch circuit overcurrent protection in accordance with the ANSI/NFPA 70 National Electrical Code and CSA C22.1 Canadian Electrical Code, Part 1.

| | 32A | 40A | 48A | 80A |
|----------------------|---|--|--|--|
| Circuit Requirements | 40 Amp 2 pole breaker | 50 Amp 2 pole breaker | 60 Amp 2 pole breaker | 100 Amp 2 pole breaker |
| Recommend Wiring | #8 or 10AWG at 75°C or 90°C respectively or larger gauge copper wires for the conductors per NEC ARTICLE 310 Table 310.16 | #8AWG at 75°C or 90°C or larger gauge copper wires for the conductors per NEC ARTICLE 310 Table 310.16 | #6AWG at 75°C or 90°C or larger gauge copper wires for the conductors per NEC ARTICLE 310 Table 310.16 | #3AWG at 75°C or 90°C or larger gauge copper wires for the conductors per NEC ARTICLE 310 Table 310.16 |

GROUNDING INSTRUCTIONS

This product must be connected to a grounded, metal, permanent wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the product.

Installation

Fully read and understand the directions before installation. Refer to [IMPORTANT SAFETY INSTRUCTIONS](#) at the beginning of this document.

This section describes installing the JuiceBox Pro onto a wall mount. If installing onto a JuiceStand, refer to the [JuiceStand Manual](#).

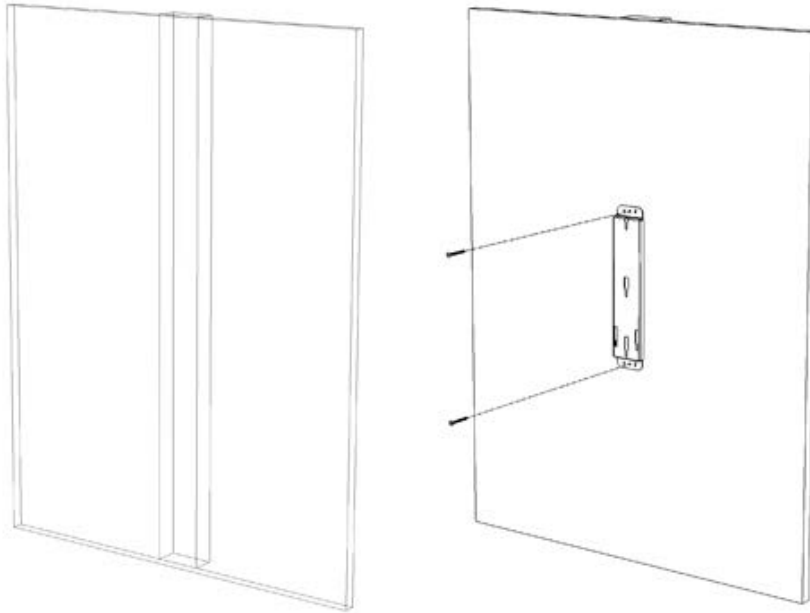
The JuiceBox is intended to be mounted to a solid surface using the included mounting screws and wall bracket.

1. Turn off the circuit breaker to the NEMA 14-50 outlet, NEMA 6-50 outlet, or hardwired electrical connection.

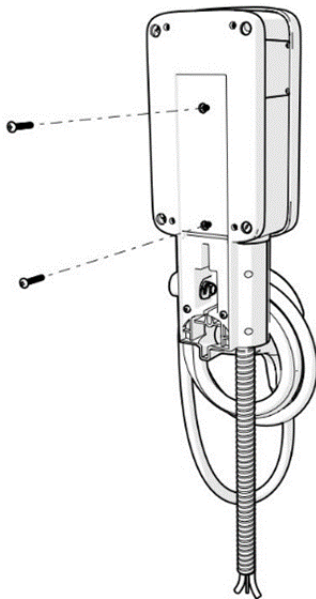


WARNING: Do not continue this installation until the circuit breaker is turned off.

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



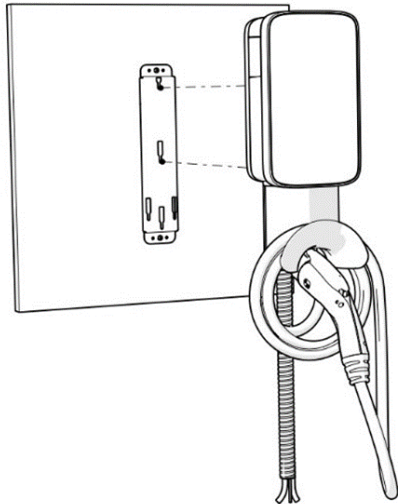
3. Insert the enclosure screws into the enclosure, as shown. Tighten the screws until approximately 2 mm of thread are visible.



4. Hang the JuiceBox onto the wall bracket.



NOTE: If the JuiceBox does not hang securely, adjust the screws that were installed in step 3. The 48 and 80 amp are hardwire only and do not have a plug as shown.



5. Connect the JuiceBox:

- > **Plug-In Version:** Plug the JuiceBox into the NEMA 14-50 outlet or NEMA 6-50 outlet.
- > **1-Phase Hardwired Version:** Connect the harness to the junction box.



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



NOTE: The hardwire versions of the JuiceBox 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.

| COLOR | SIGNAL |
|-------|--------|
| Black | L1 |
| Red | L2 |
| Green | Ground |

- Turn on the circuit breaker that supplies power to the NEMA 14-50 outlet, NEMA 6-50 outlet, or hardwired electrical connection.

Installation of 32A, 40A, 48A JuicePedestal

To connect the 32A, 40A, 48A JuiceBox wires and mains power source wires to the junction box, do the following steps:



NOTE: If 32A, 40A, 48A JuiceBox are pre-assembled with splicing connectors instead of junction box, refer to the steps mentioned in [Installation of 80A JuicePedestal](#) sub-section below in this document.


Each JuiceBox must be on its own circuit. Refer to the [Wiring Design section of the Enel X Way Site Design Guide](#) for additional information.



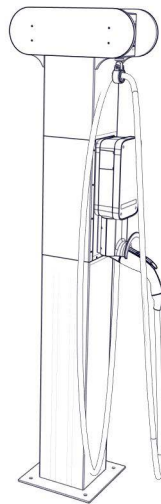
NOTE:

- > The JuicePedestal must be installed in accordance with the National Electrical Code (NFPA 70) and all applicable local jurisdiction requirements.
- > Junction Boxes must be UL Listed or UL Certified for outdoor-use due to local regulations, if necessary.
- > Conduit fittings must be liquid-tight and UL Listed or UL Certified for outdoor-use.
- > Use the weather resistant wires that are appropriate for the application.

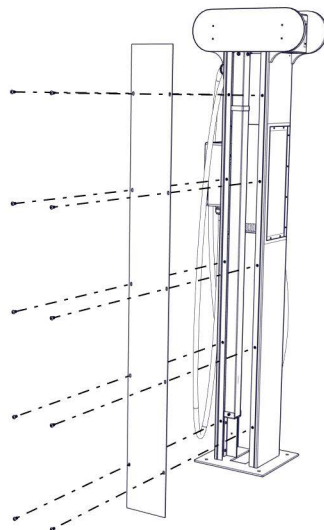
1. Turn off the mains power to the hardwire connections.
2. Use a multimeter to ensure that there is no power at the hardwire connections.

 **WARNING:** Do not continue with the installation until the multimeter shows that there is no power at the hardwire connections to mains.

3. Route the mains power hardwire connection into the pedestal from the bottom, then position the pedestal onto the ground stud anchors.
4. Secure the pedestal to the ground stud anchors (refer to [Installation Area](#) for more information).



5. Release the 10 fasteners that secure the back plate to the pedestal. Remove the back plate.



6. For each JuiceBox, install a waterproof junction box to house the connection.



NOTE: The JuiceBox flex conduit has a diameter of 1 in.

7. Connect the mains power wires to the charging station wires.

| BLACK | RED | GREEN |
|-------|-----|--------|
| L1 | L2 | Ground |

8. Reinstall the back plate (refer to step 5).

9. Reconnect power to the hardwire connections. The charging stations turn on automatically.

Installation of 80A JuicePedestal

To connect the 80A JuiceBox wires and mains power source wires to the splicing connectors, do the following steps:



NOTE:

- > The JuicePedestal must be installed in accordance with the National Electrical Code (NFPA 70) and all applicable local jurisdiction requirements.
- > Connectors must be UL Listed or UL Certified for outdoor-use due to local regulations, if necessary.
- > Conduit fittings must be liquid-tight and UL Listed or UL Certified for outdoor-use.
- > Charging station wires are already connected to the connector.
- > Use the weather resistant wires that are appropriate for the application.

1. Turn off the mains power to the hardwire connections.

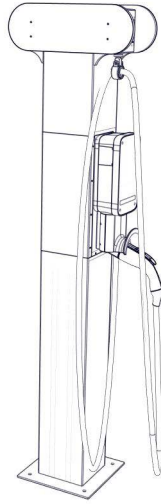
2. Use a multimeter to ensure that there is no power at the hardwire connections.



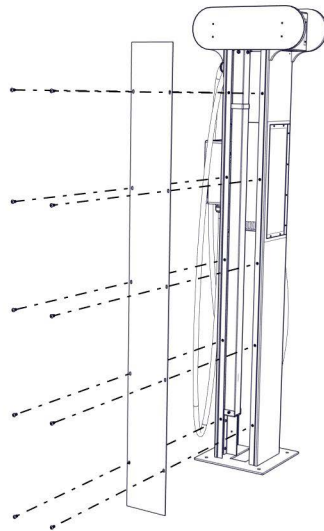
WARNING: Do not continue with the installation until the multimeter shows that there is no power at the hardwire connections to mains.

3. Route the mains power hardwire connection into the pedestal from the bottom, then position the pedestal onto the ground stud anchors.

4. Secure the pedestal to the ground stud anchors (refer to [Installation Area](#) for more information).



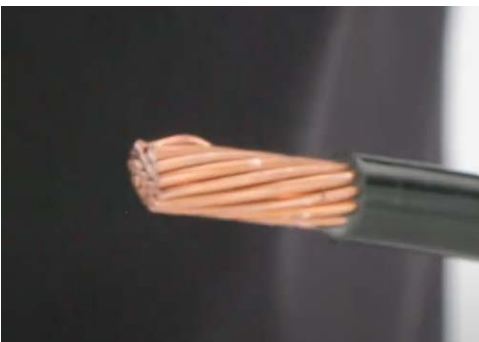
5. Release the 10 fasteners that secure the back plate to the pedestal. Remove the back plate.



6. Remove the mains power wire (L1, L2, Ground) insulation.



NOTE: Strip the insulation of the wire only as much as is necessary.



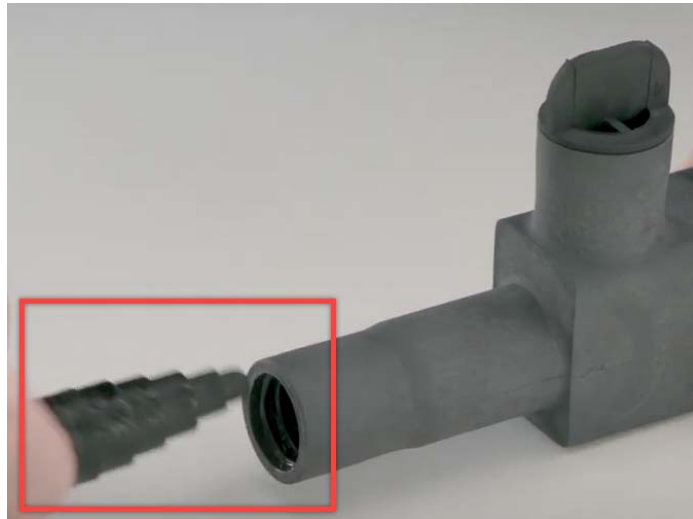
7. Remove the sleeve from the connector port and cut at the appropriate mark from the wire being used.



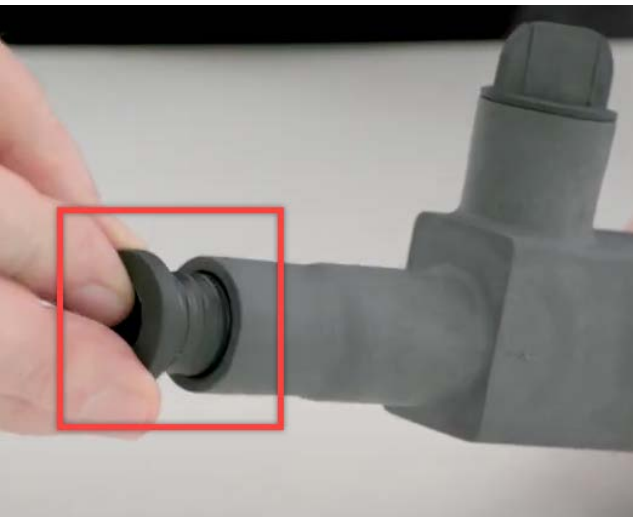
NOTE: Make sure to cut the sleeve straight across the ends to ensure a tight seal between the wire and the sleeve.



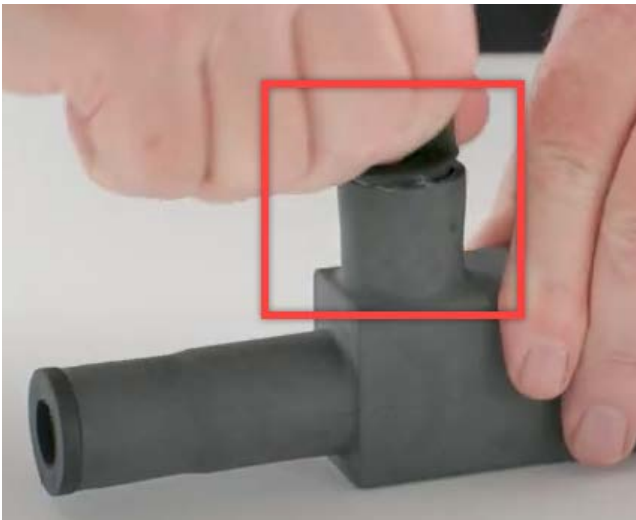
NOTE: If the wire diameter size (including insulation) is of the maximum size of the sleeve, then discard the sleeve. If the sleeve is discarded, refer to step 9.



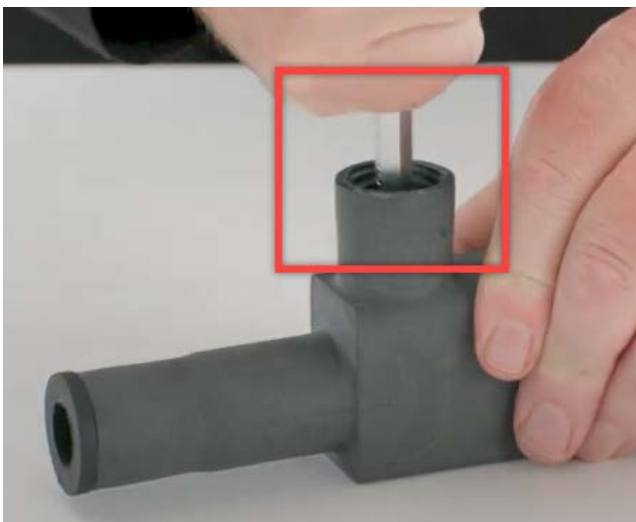
8. Reinsert sleeve again into the connector port.



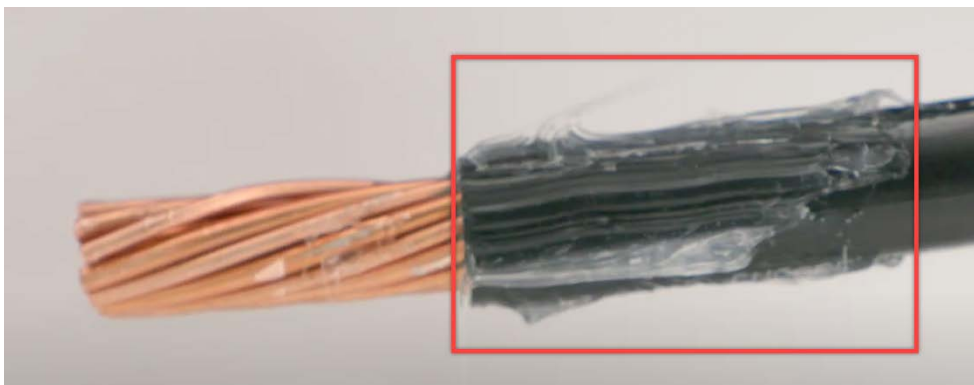
9. Remove the set screw access plug.



10. Using the 3/16" hex key, loosen the set screw.



11. For easy assembly of wire to the connector, apply the silicone grease to the wire insulation.



12. Insert the mains power wire (L1, L2, Ground) into the connector port and make sure that the tip of wire touches at the back of the connector.



| BLACK | RED | GREEN |
|-------|-----|--------|
| L1 | L2 | Ground |

13. Tighten the set screws to the recommended torque value.

| WIRING RANGE (MCM/AWG) | MAX TORQUE (IN LBS) |
|------------------------|---------------------|
| #4 - #6 | 120 |
| #1 - #3 | 120 |
| 2/0 - 1/0 AWG | 120 |

14. Reinsert the set screw access plugs (refer to step 9).

15. Reinstall the back plate (refer to step 5).

16. Reconnect power to the hardwire connections. The charging station turns on automatically.

Load Balancing

- > Load balance to Circuit only.
- > Load balance to panel is NOT recommended.



NOTE: Balancing to the panel or location can be done on a system that would otherwise work safely on its own. This can reduce usage during peak hours, saving cost to both the user and the owner of the stations.

- > Can only balance stations with the same specifications.
- > Balancing specifications cannot exceed the rated continuous load of the circuit. (50 amp circuit = 40 amp continuous load allowed) (NEC 625.41 & 42) 2017 code.
- > Per NEC 625.42 additional outlets per circuit can be added due to the JuiceNet Automated Load Management System.
- > Recommend no more than 3 per circuit. The maximum number of stations per circuit is determined by dividing the number of continuous load amps allowed based on circuit size by 8. (e.g. 40 amps / 8 amps = 5 stations maximum). Note this may result in a slower charge per car.

Locking Your JuiceBox

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

Operation

Wi-Fi Setup



NOTE: Wi-Fi configuration is neither necessary nor recommended for JuiceBoxes that include cellular connectivity or that are assembled in a JuicePedestal that includes a payment terminal.

1. Reset the circuit breaker that supplies power to the JuiceBox.



NOTE: The following steps must be completed within 2 minutes of reconnecting power to the JuiceBox. The JuiceBox will remain in setup mode for 4 minutes.

2. Open Wi-Fi settings on your personal device. Connect to the “JuiceBox-###” or “JuiceNet-###” Wi-Fi network. If the network requires a password, use the password “GoElectric” (case-sensitive).



NOTE: The actual name of the network varies by device, such as “JuiceBox-123”.

3. In a web browser, navigate to 10.10.10.1 or to setup.com to view a list of available Wi-Fi networks.



NOTE: If there are problems connecting, ensure that the following addresses are not blocked:

| IP ADDRESS | PROTOCOL | PORTS | FQDN |
|---------------|----------|-------|----------------------------------|
| dynamic | HTTPS | 443 | directory-api.emotorwerks.com |
| dynamic | HTTPS | 443 | ota.zentri.com |
| dynamic | HTTPS | 443 | dms.zentri.com |
| 138.91.137.23 | UDP | 8042 | jbv1.emotorwerks.com |
| 40.118.171.20 | UDP | 8042 | emwjucibox.emotorwerks.com |
| Dynamic | HTTPS | 443 | device-backend.juice.net |
| Dynamic | UDP | 8047 | juicenet-udp-prod3-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod3-usa.enelx.com |
| Dynamic | UDP | 8043 | juicenet-udp-prod-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod-usa.enelx.com |
| Dynamic | UDP | 8051 | juicenet-udp-prod4-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod4-usa.enelx.com |
| Dynamic | UDP | 8042 | juicenet-udp-prod5-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod5-usa.enelx.com |



4. Select the desired Wi-Fi network. Enter the Wi-Fi network password, if necessary. Click **Connect**.

Verify that the JuiceBox is connected by checking that the LED indicator turns white.

JuiceBox Configuration

For best results, perform this procedure while standing within 5 ft (1.6m) of the JuiceBox..

Configure JuiceBox Using Bluetooth Connectivity

***REQUIRES FIRMWARE 1.0.46 OR LATER**

1. Download and install the “JuiceConfigure” app onto your mobile device.



Video walkthrough of this section

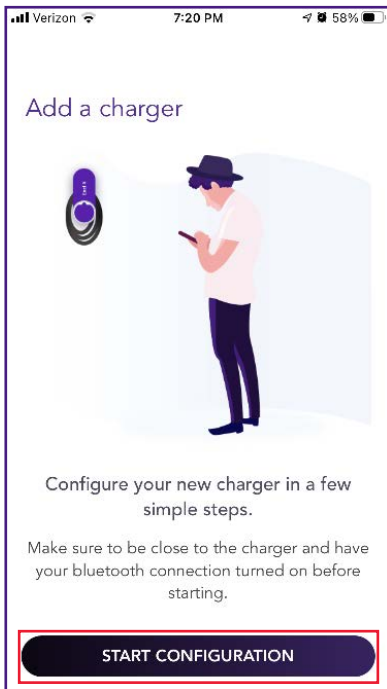


2. Open the **JuiceConfigure** app.

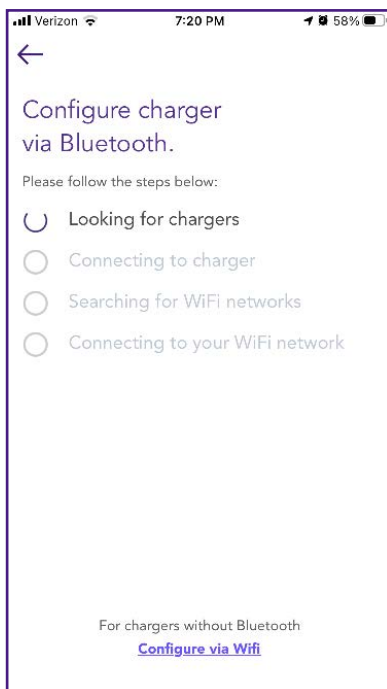


NOTE: Make sure your phone and JuiceBox’s Bluetooth connection is enabled before starting to be able to configure Wi-Fi for your charger.

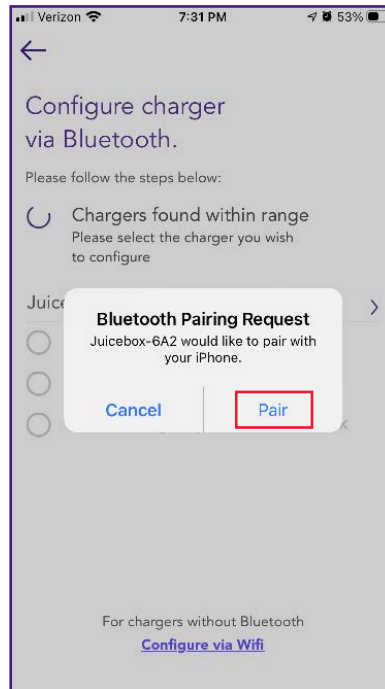
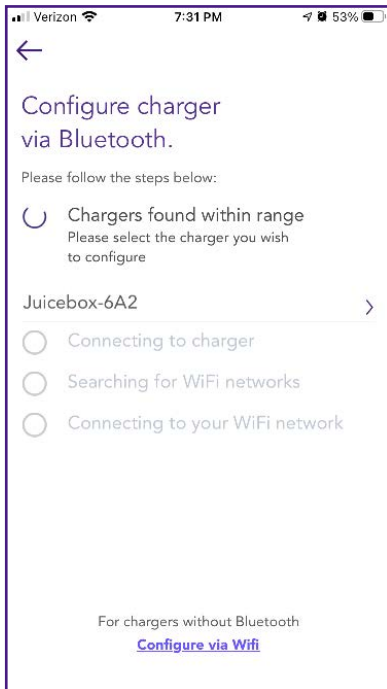
3. Select **START CONFIGURATION**.



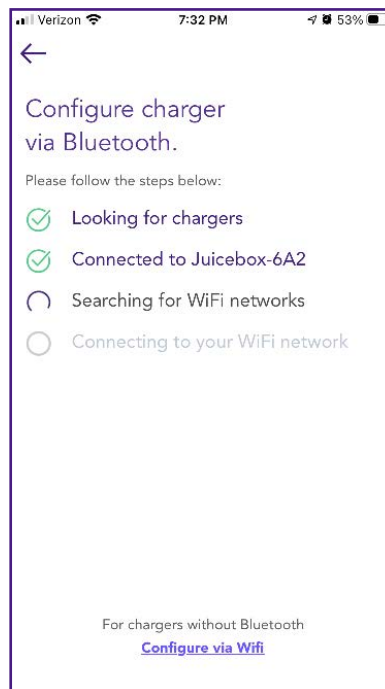
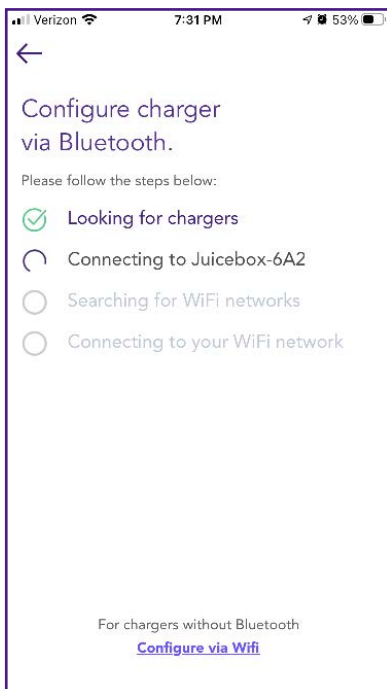
4. Follow the onscreen instructions to proceed to JuiceBox configuration.



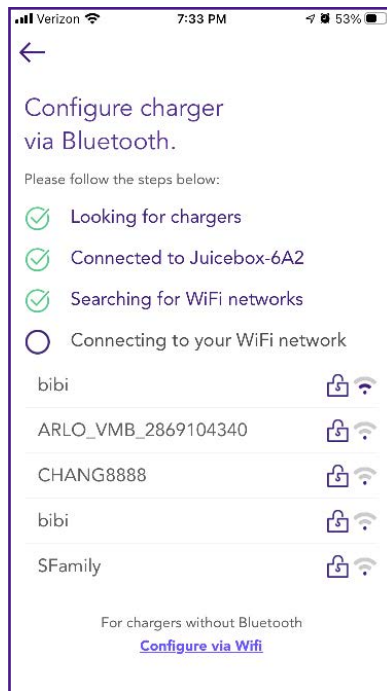
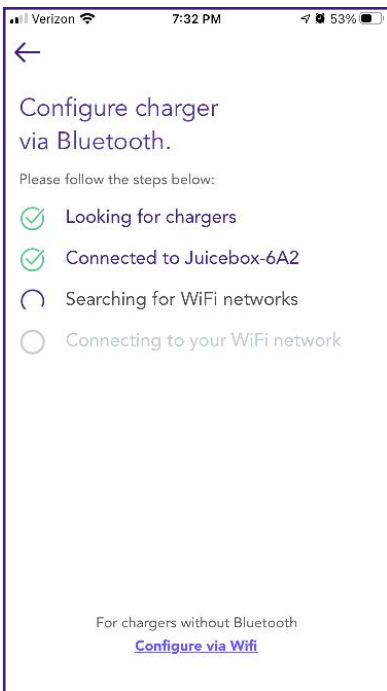
5. Chargers are scanned and listed on the screen. Select **Pair** to configure the charger.



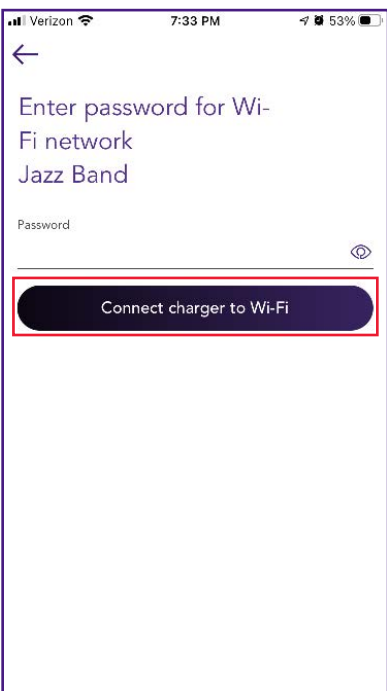
6. Your JuiceBox is now connected to your account.



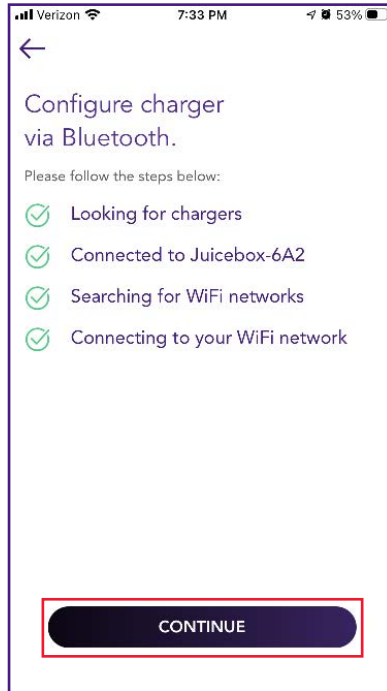
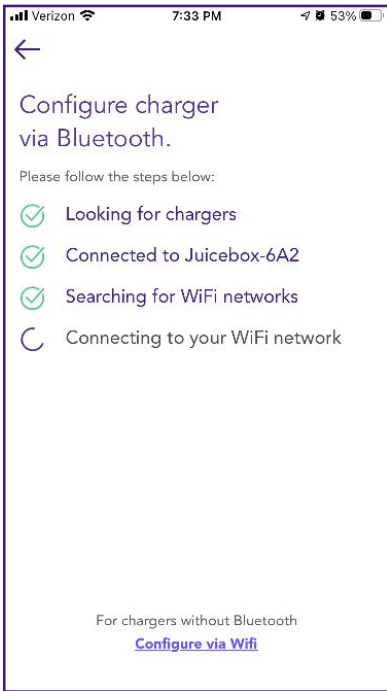
7. Wi-Fi networks are scanned and listed on the screen. Select the network you want to connect your JuiceBox to.



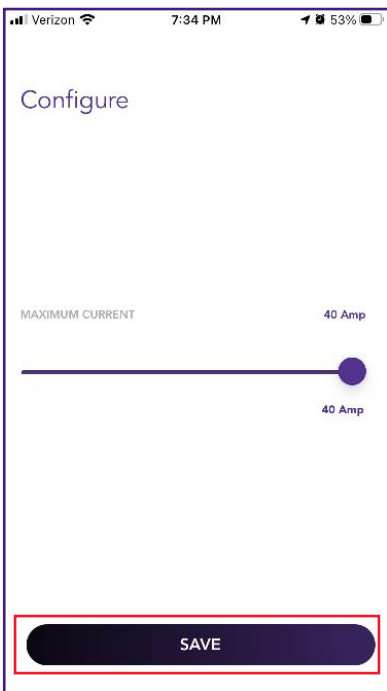
8. Enter the password of the selected Wi-Fi network and select **Connect charger to Wi-Fi**.



9. The JuiceBox is connected to your account. Select **CONTINUE**.



10. In the configuration screen, set the **maximum current** for charger at which you want to charge your vehicle, then select **SAVE**.



NOTE: After connecting, JuiceBox checks its firmware version and performs any necessary updates. Wait 10 minutes before plugging in a vehicle.

Configure JuiceBox Using Wi-Fi Connectivity

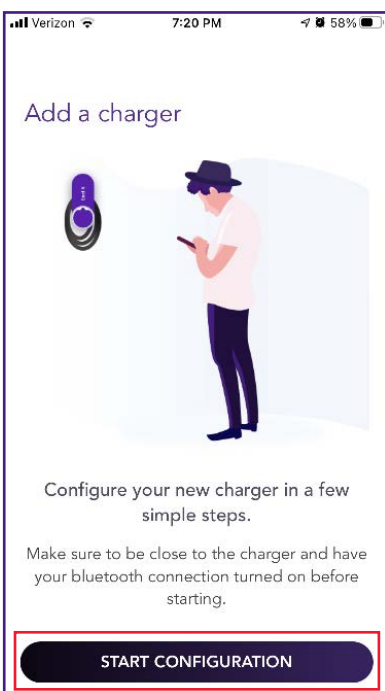
1. Download and install the "JuiceConfigure" app onto your mobile device.



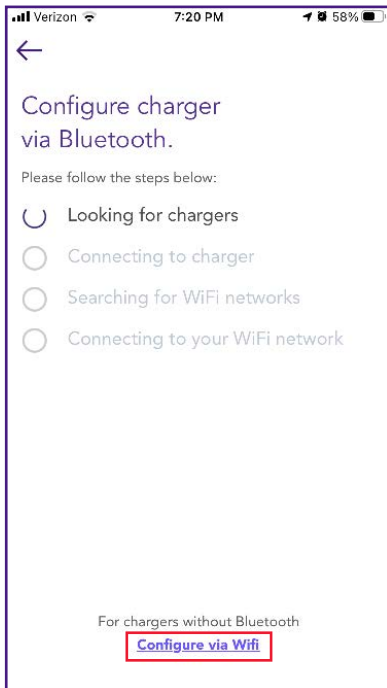
Video walkthrough of this section



2. Open the **JuiceConfigure** app.
3. Select **START CONFIGURATION**.



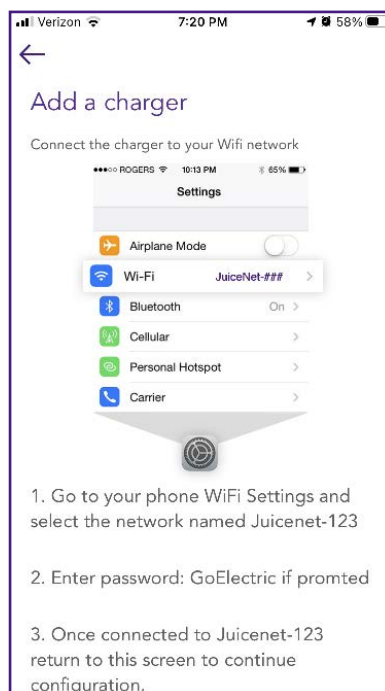
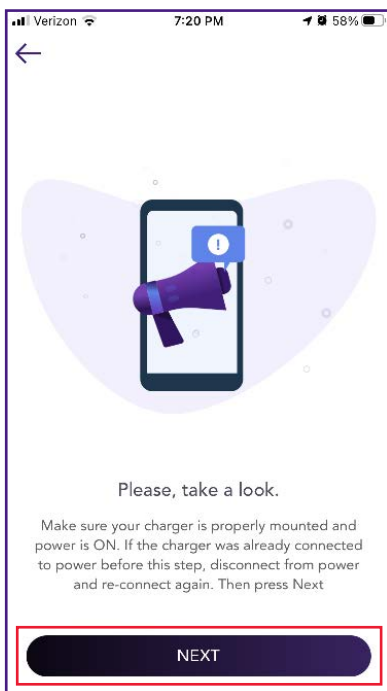
4. Select **Configure via Wifi**.



5. Have the Wi-Fi network password ready, then select **NEXT**.



NOTE: If the JuiceBox is already power on before this step, disconnect it from power and re-connect again before proceeding.



NOTE: After powering the JuiceBox, complete the steps 6 through 9 within 2 minutes.

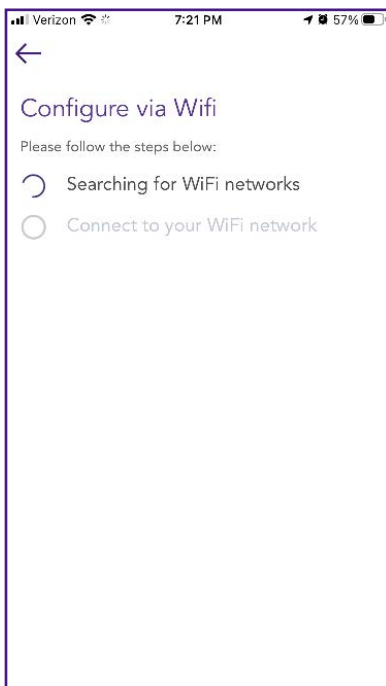
6. Navigate to the Wi-Fi settings on your mobile device. Connect to the “JuiceBox-###” or “JuiceNet-###” Wi-Fi network. If the network requires a password, use the password “GoElectric” (case-sensitive).



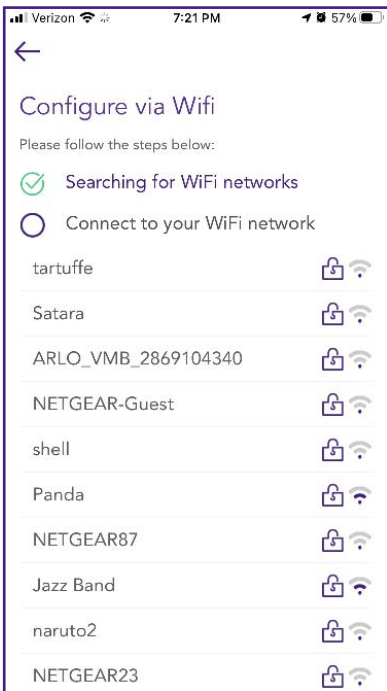
NOTE: The actual name of the network varies by device, such as “JuiceBox-123”.



7. Return to the **JuiceConfigure** app.



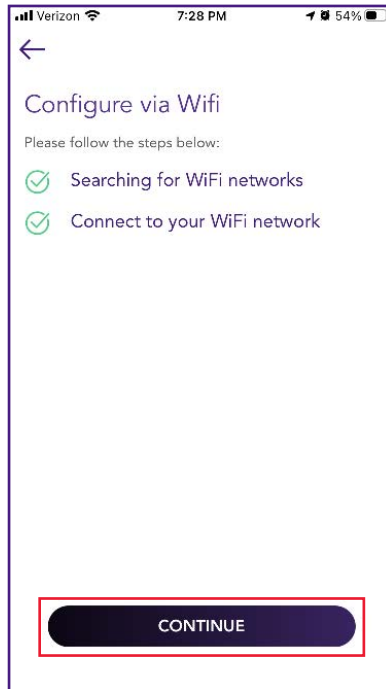
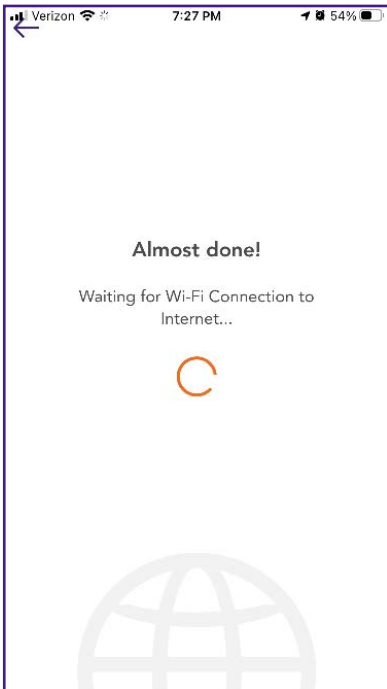
8. In the **JuiceConfigure** app, select the preferred local Wi-Fi network.



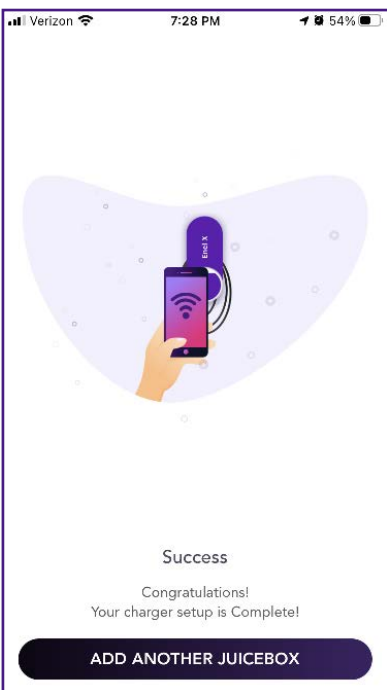
9. Enter the Wi-Fi network password, if necessary, then select **CONNECT CHARGER TO WI-FI**.



10. The app connects the JuiceBox to the Wi-Fi network, then select **CONTINUE**.



11. You did it! The JuiceBox is now online and ready to charge.



NOTE: After connecting, JuiceBox checks its firmware version and performs any necessary updates. Wait 10 minutes before plugging in a vehicle.

Update JuiceBox Firmware

This section describes how to update the JuiceBox firmware in the JuiceConfigure app.



NOTE:

- > Do not attempt to perform the JuiceBox firmware update process unless the JuiceBox is already configured to a Wi-Fi network, is online, and the LED is white.
- > Make sure to perform the Wi-Fi pairing process if the JuiceBox is not connected to Wi-Fi network. Refer to [Configure JuiceBox Using Wi-Fi Connectivity](#) instructions to connect the JuiceBox to Wi-Fi network.
- > If the JuiceBox firmware update does not complete, it may be necessary to clear the cache files. Refer the [instructions](#) at the end of this section.

1. **Reboot** the JuiceBox and verify that the JuiceBox goes into setup mode by checking that the LED indicator flashes blue color.



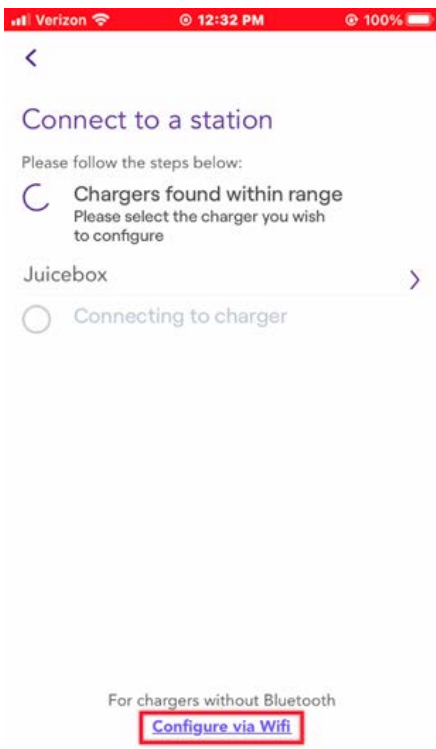
2. Open the **JuiceConfigure** app.
3. Scan the QR code on the JuiceBox's side label or locate the 28-digit number above the **Serial Number** on label and enter it manually. Then, select “→” button.



4. Tap the **CONFIRM** button.



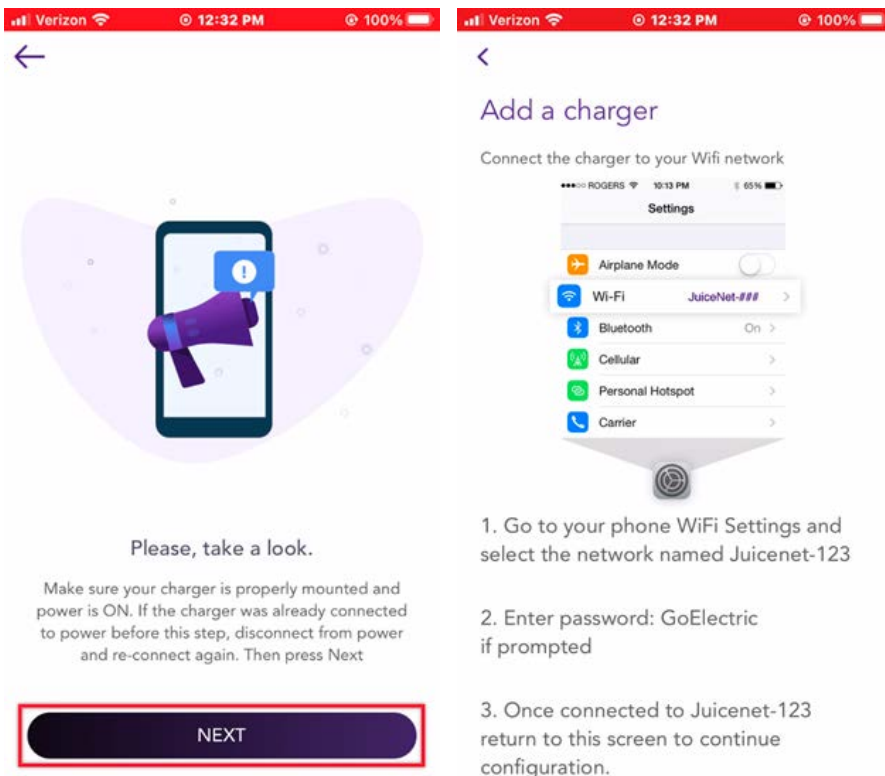
5. At the bottom of the screen, select **Configure via Wifi**.



6. Have the Wi-Fi network password ready, then select **NEXT**.



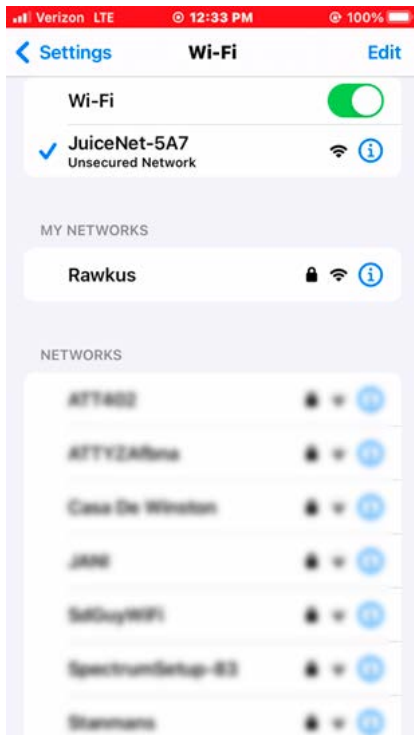
NOTE: If the JuiceBox is already power on before this step, disconnect it from power and re-connect again before proceeding.



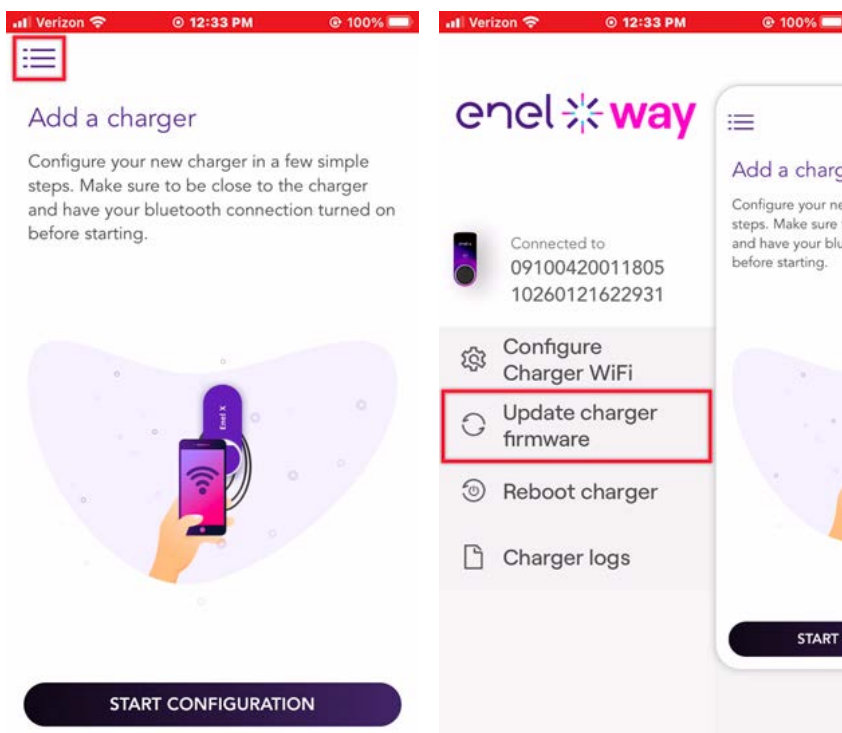
7. Navigate to the Wi-Fi settings on your mobile device. Connect to the "JuiceNet-###" Wi-Fi network. If the network requires a password, use the password "GoElectric" (case-sensitive).



NOTE: The actual name of the network varies by device, such as "JuiceNet-123".



8. Return to the **JuiceConfigure** app. It will advance to the next page automatically.
9. On the top left corner of the screen, select **3 horizontal lines** > **Update charger firmware**.



10. Select **UPDATE CHARGER FIRMWARE.**



NOTE: Your mobile device will be disconnected from the JuiceBox during the firmware update process.



Please, Take A Look.

Are you sure you want to update this charger? You will lose connectivity during this process.



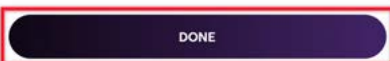
11. The LED lights on the JuiceBox will be off during the update and will turn on once the firmware update is complete.

12. Once the JuiceBox firmware is updated, select **DONE.**



Please, Take A Look.

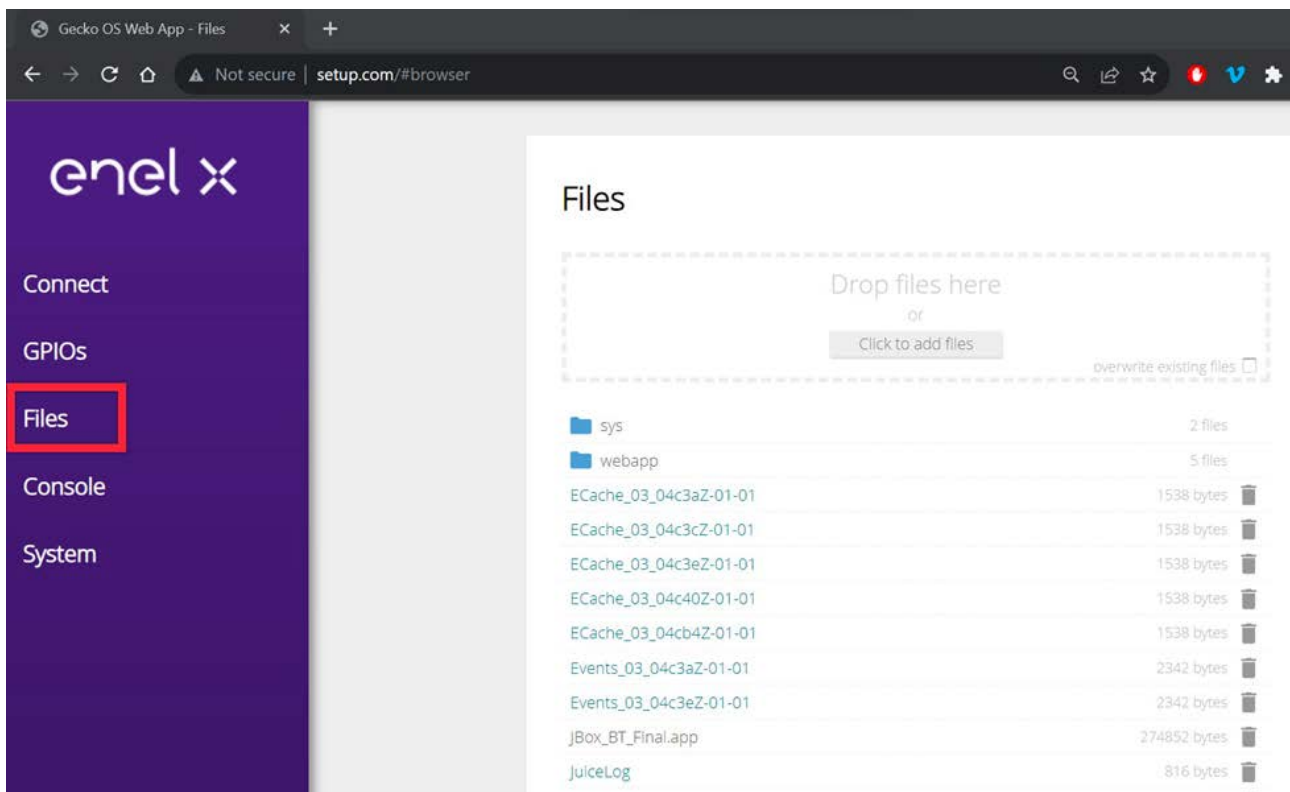
Firmware update scheduled. You might lose connectivity during this process.



13. The JuiceBox will go into setup mode (LED indicator flashing blue color) when the firmware update completes and you can perform the [Wi-Fi setup](#). The JuiceBox will automatically reconnect to the Wi-Fi network within 6 minutes.

Delete ECache files from JuiceBox

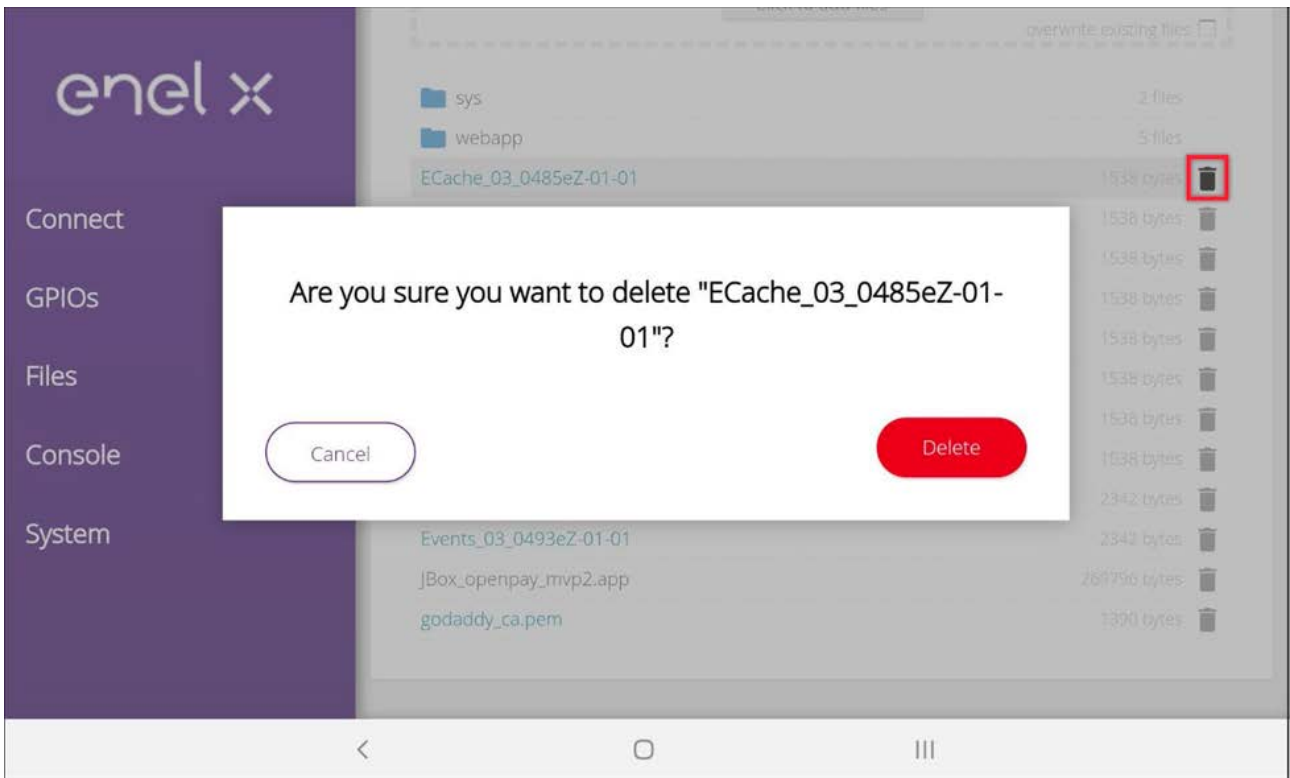
1. Reboot the JuiceBox by powering it off for 15 seconds and verify that the JuiceBox goes into setup mode by checking that the LED indicator flashes blue color.
2. Connect to the 'JuiceNet' Wi-Fi network from your mobile device or laptop's Wi-Fi settings.
3. In a web browser, navigate to setup.com or to 10.10.10.1 and select **Files** tab from the left side menu.



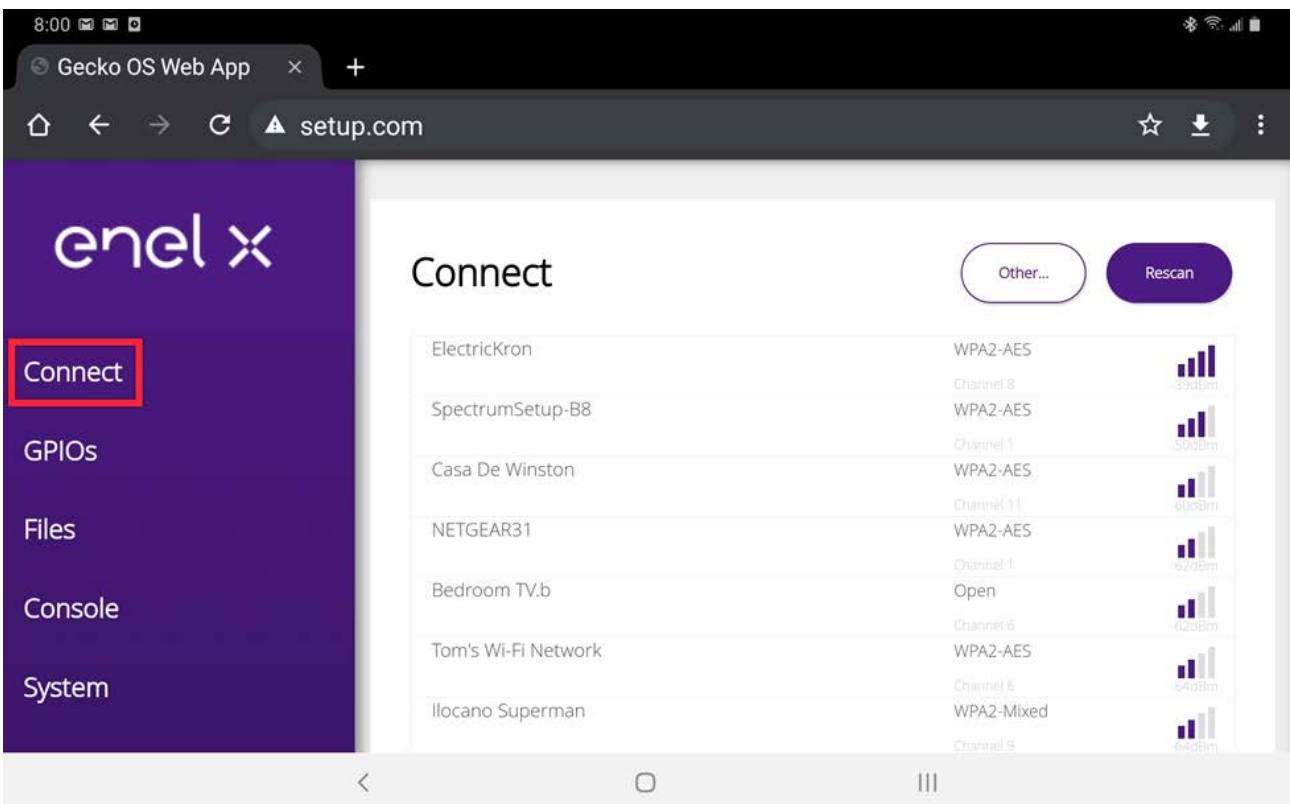
4. Delete all of the **ECache** files, one at a time, by selecting the **trash can** icon next to each file.



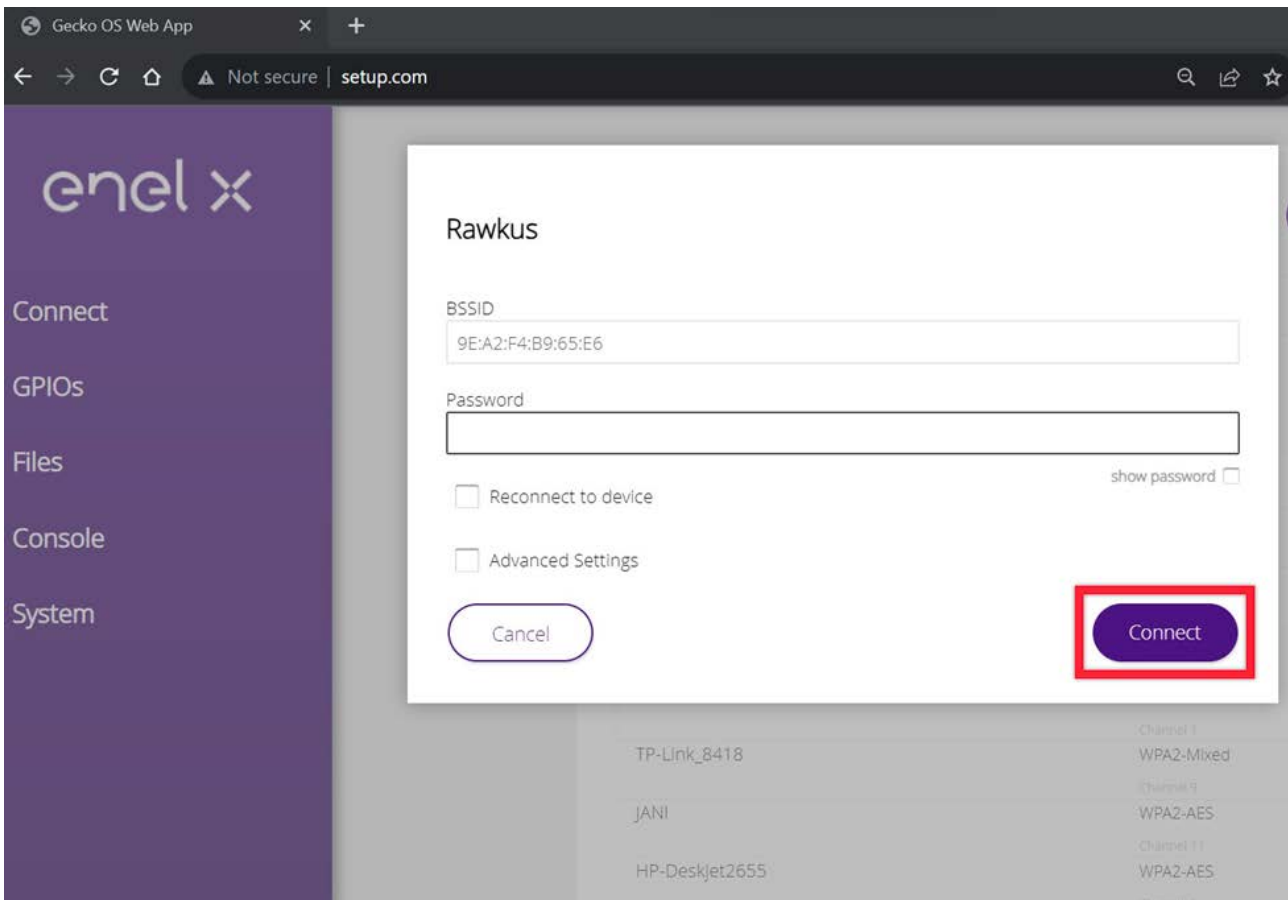
NOTE: Make sure to delete only the **ECache** files.



5. Select the **Connect** tab from the left side menu.



6. Reconnect to a Wi-Fi network by selecting your network, then enter the password and select **Connect**.



Moving and Storage

- > To prevent risk of fire or electric shock during subsequent use, do not lift or carry the JuiceBox by holding the AC input or output cable.
- > Storage Temperature: -40°F to 158°F (-40°C to 70°C).

Specifications

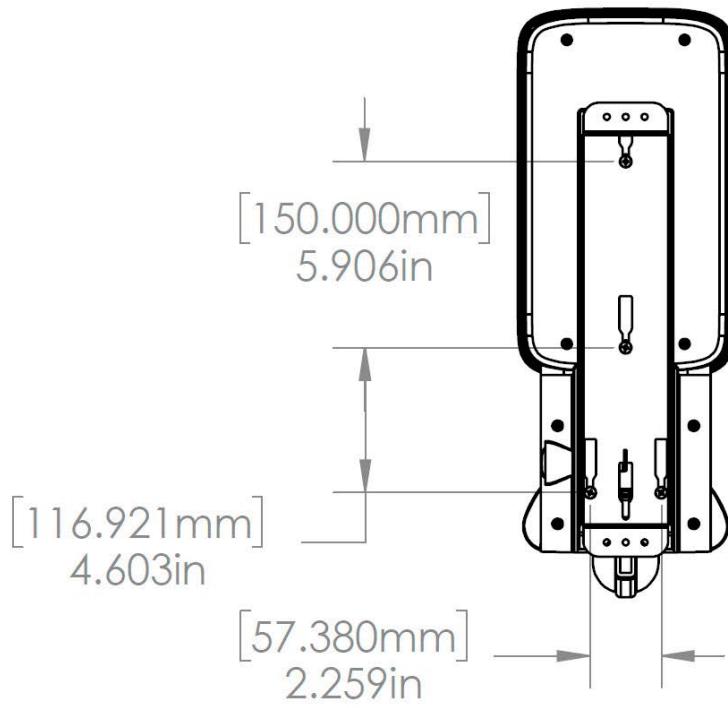
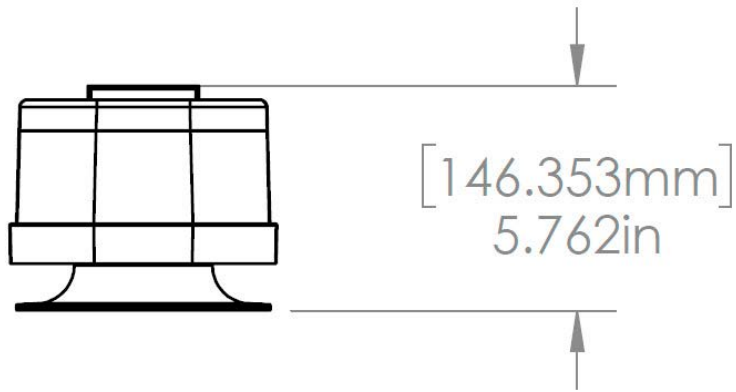
Characteristics

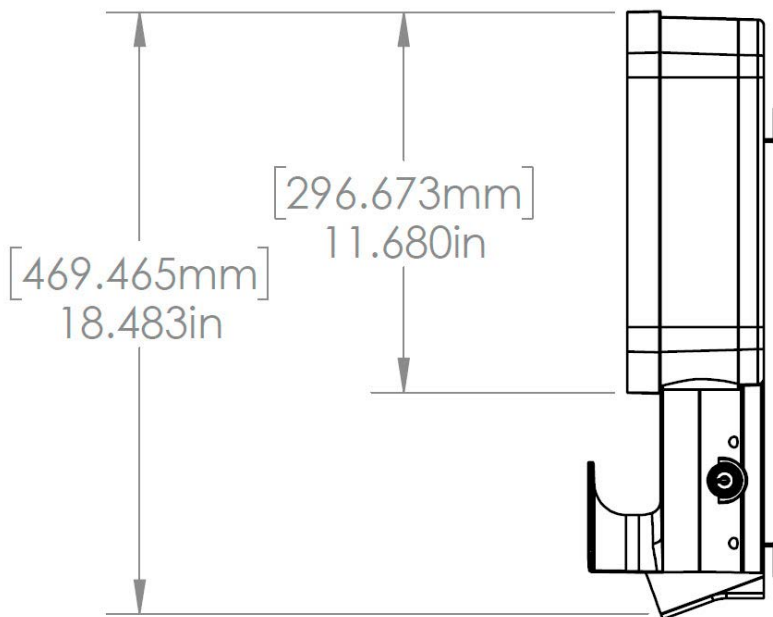
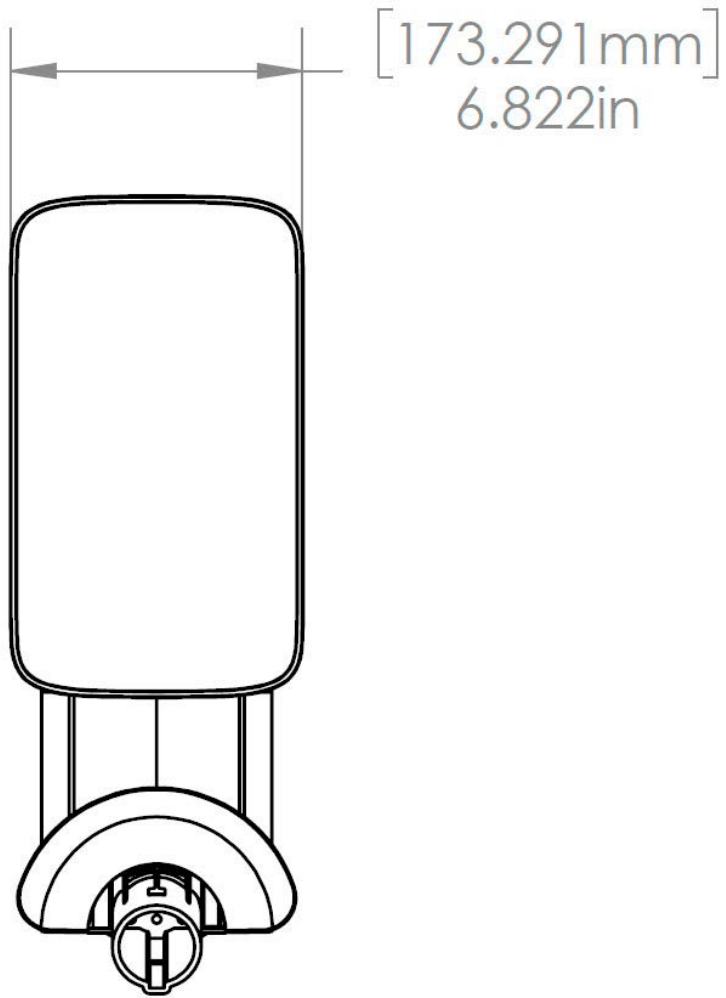
| | |
|-------------------------------------|--|
| OUTPUT POWER | 32A max: Up to 7.7 kW, 32A, 1-phase |
| | 40A max: Up to 9.6 kW, 40A, 1-phase |
| | 48A max: Up to 11.5 kW, 48A, 1-phase |
| | 80A max: Up to 19.2 kW, 80A, 1-phase |
| INPUT VOLTAGE | 120/240 VAC |
| LEDS | Dynamic LEDs displaying charging status |
| PROTECTION | IP66/NEMA 4X |
| | AC 20mA Ground Fault Detection |
| TEMPERATURE RANGE | From -40°C to +60°C for 32A, 40A, 48A models |
| | From -40°C to +50°C for 80A model |
| STANDARDS AND CERTIFICATIONS | IEC 61851-1 |
| | UL and cUL Listed |

Connectivity

| | |
|----------------------------|--|
| WI-FI | IEEE 802.11b/g/n 2.4 GHz |
| (OPTIONAL) CELLULAR | LTE (CAT-1) Bands B2, B4, B5, B12/B13 |
| 3G | Bands B2 (1900), B5 (850); PTCRB and GCF certification |

Dimensions





LED Indicator

| COLOR | PATTERN | MEANING |
|--------|-----------------------------|--|
| Blue | Flashing | Setup Mode |
| | Solid | Wi-Fi setup device connected |
| Yellow | Solid | Booting after power (Note: During booting, solid Yellow may be followed by Purple before going to Setup Mode) |
| | Flashing | Vehicle plugged in, not charging (Note: EV not ready to charge or charging suspended (ToU) or in earlier releases: charging finished) |
| White | Solid | Online: Idle, vehicle not plugged in |
| Purple | Solid | Offline: Idle, vehicle not plugged in |
| Green | Solid | Vehicle finished charging (Note: Firmware release 1.0.30 only.) |
| | Long Flash (5-sec duration) | RFID authorized |
| | Flashing | Vehicle charging |
| Red | Long Flash (5-sec duration) | RFID not authorized |
| | Flashing | Error (Refer to error codes) |

Using the Dashboard

Enterprise Dashboard Manual

To access the JuiceNet Enterprise documentation and FAQs, log into your [Enterprise account](#).

Business Dashboard Manual

To access the JuiceNet Enterprise documentation and FAQs, log into your [Business account](#).

RFID Cards

RFID Reader

| IP ADDRESS | PROTOCOL | PORTS | FQDN |
|---------------|----------|-------|----------------------------------|
| Dynamic | HTTPS | 443 | directory-api.emotorwerks.com |
| Dynamic | HTTPS | 443 | ota.zentri.com |
| Dynamic | HTTPS | 443 | dms.zentri.com |
| 104.40.90.102 | UDP | 8042 | jbv1.emotorwerks.com |
| 40.118.171.20 | UDP | 8042 | emwj Juicebox.emotorwerks.com |
| Dynamic | HTTPS | 443 | device-backend.juice.net |
| Dynamic | UDP | 8047 | juicenet-udp-prod3-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod3-usa.enelx.com |
| Dynamic | UDP | 8043 | juicenet-udp-prod-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod-usa.enelx.com |
| Dynamic | UDP | 8051 | juicenet-udp-prod4-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod4-usa.enelx.com |
| Dynamic | UDP | 8042 | juicenet-udp-prod5-usa.enelx.com |
| Dynamic | HTTPS | 443 | juicenet-prod5-usa.enelx.com |

Activating And Managing

Refer to the [RFID Cards](#) section of the JuiceNet Enterprise Manual.

