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PUBLICATION NOTICE

This installation manual includes the latest information at the time of printing. Oasis Charger Corporation reserves the right to revise this manual and its JuiceBar Gen 3 charger products from time to time without further notice.

If you have questions about the use or installation of this product, contact our offices at 860-308-2054 or email us at **support@JuiceBarEV.com**. One of our knowledgeable team members will respond promptly.

We rely on our customers to help us improve our products and service. We welcome your comments and suggestions. Please contact us by phone at 860-308-2054 or send your comments or suggestions to **support@JuiceBarEV.com**.

SYMBOLS & IMPORTANT SAFETY MESSAGES

This symbol precedes a **Warning,** a **Caution** or **Important** message.

Ce symbole précède un avertissement, un message d'avertissement ou message important.

WARNING Indicates a potentially hazardous situation that can result in serious injury or death if it is not avoided.

AVERTISSEMENT indique une situation potentiellement dangereuse qui peut entraîner des blessures graves ou la mort si elle n'est pas évitée.

CAUTION Indicates a situation that can damage equipment and possibly result in injury.

ATTENTION indique une situation susceptible d'endommager le matériel et de blesser.

IMPORTANT Indicates critical information pertaining to: local codes, installation or operation of the equipment.

IMPORTANT indique informations critiques relatives à: codes locaux, l'installation ou le fonctionnement de l'équipement.

This symbol means there is a **Risk of Electric Shock** and precedes a **Warning, Caution or Statement Related to Wiring.**

Ce symbole signifie qu'il y a un risque de choc électrique et précède un Avertissement, Attention ou Instruction liées à câblage.

320 SERIES: 32A LEVEL 2

MODEL #	DESCRIPTION
JB3.0-321	Single Connector Charger
JB3.0-322	Dual Connector Charger

CERTIFICATIONS

TUV Rheinland

UL 2231-1, UL 2231-2, UL 2594

AC OUTPUT PER CONNECTOR

7.7 kW at 240VAC

6.6 kW at 208VAC

OPERATING TEMPERATURE

- 25° C to +50° C

- 13° F to +122° F

COMMUNICATIONS

Cellular, Ethernet

PROTOCOL

OCPP 1.6J

DIMENSIONS

71.25” Total Height with Pedestal

36.5” Total Height w/out Pedestal

16” Width Without Connectors

12” Depth

CORD LENGTH

18 feet

CONNECTORS

SAE J1772 Type 1

ENCLOSURE

Type 3R Aluminum

OPTIONS

Wall Bracket

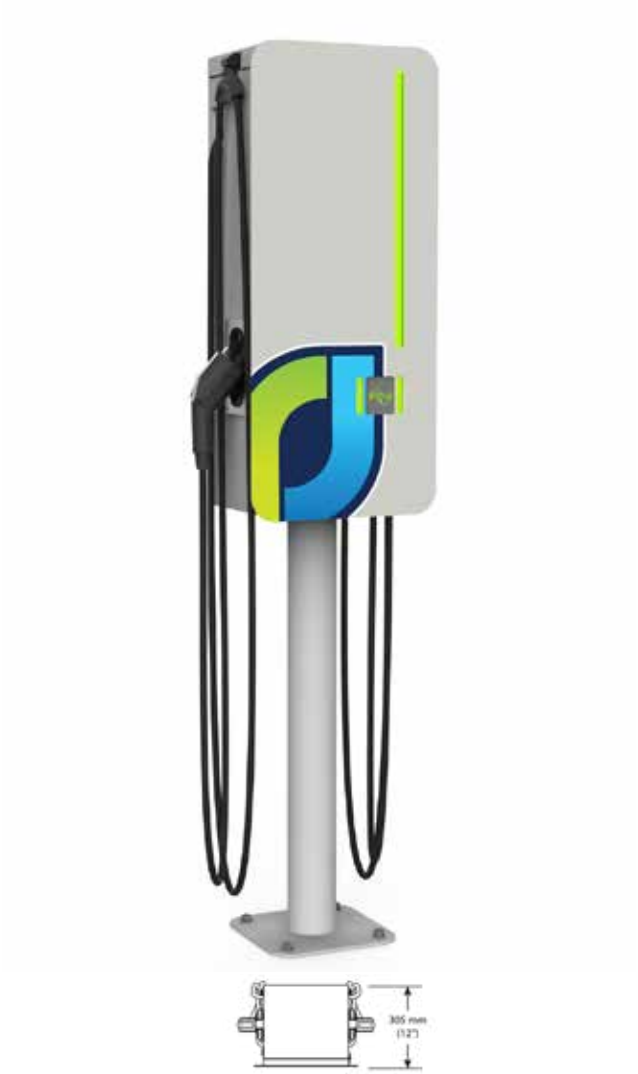
Pedestal Mount

Branded Door Graphics

USER INTERFACE

LED Indicators

RFID Card Reader



400 SERIES: 40A LEVEL 2

MODEL #	DESCRIPTION
JB3.0-401	Single Connector Charger
JB3.0-402	Dual Connector Charger

CERTIFICATIONS

TUV Rheinland

UL 2231-1, UL 2231-2, UL 2594

AC OUTPUT PER CONNECTOR

9.6 kW at 240VAC

8.3 kW at 208VAC

OPERATING TEMPERATURE

- 25° C to +50° C

- 13° F to +122° F

COMMUNICATIONS

Cellular, Ethernet

PROTOCOL

OCPP 1.6J

DIMENSIONS

71.25” Total Height with Pedestal

36.5” Total Height w/out Pedestal

16” Width Without Connectors

12” Depth

CORD LENGTH

18 feet

CONNECTORS

SAE J1772 Type 1

ENCLOSURE

Type 3R Aluminum

OPTIONS

Wall Bracket

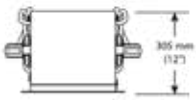
Pedestal Mount

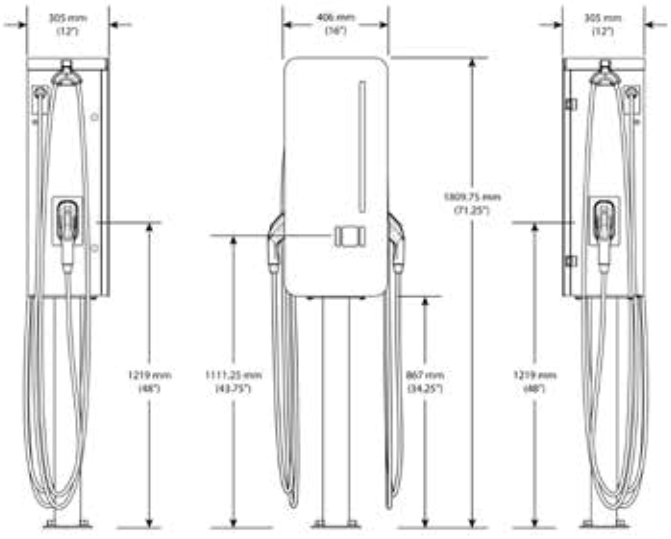
Branded Door Graphics

USER INTERFACE

LED Indicators

RFID Card Reader





480 SERIES: 48A LEVEL 2

MODEL #	DESCRIPTION
JB3.0-481	Single Connector Charger
JB3.0-482	Dual Connector Charger

CERTIFICATIONS

TUV Rheinland

UL 2231-1, UL 2231-2, UL 2594

AC OUTPUT PER CONNECTOR

11.5 kW at 240VAC

10kW at 208VAC

OPERATING TEMPERATURE

- 25° C to +50° C

- 13° F to +122° F

COMMUNICATIONS

Cellular, Ethernet

PROTOCOL

OCPP 1.6J

DIMENSIONS

71.25” Total Height with Pedestal

36.5” Total Height w/out Pedestal

16” Width Without Connectors

12” Depth

CORD LENGTH

18 feet

CONNECTORS

SAE J1772 Type 1

ENCLOSURE

Type 3R Aluminum

OPTIONS

Wall Bracket

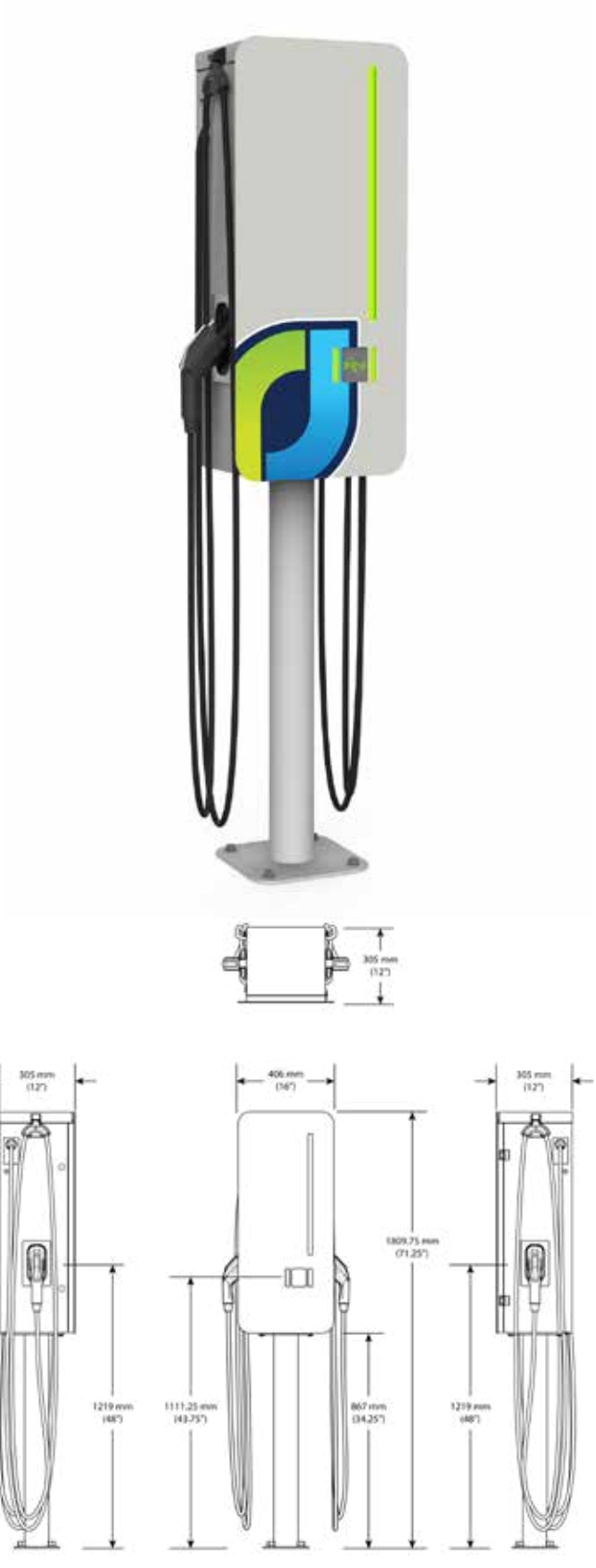
Pedestal Mount

Branded Door Graphics

USER INTERFACE

LED Indicators

RFID Card Reader



800 SERIES: 80A LEVEL 2

MODEL #	DESCRIPTION
JB3.0-801	Single Connector Charger

CERTIFICATIONS

TUV Rheinland

UL 2231-1, UL 2231-2, UL 2594

AC INPUT

Voltage: 208/240 VAC

Breaker: Rating 100A

Single Connector: 3 Wire (L1, L2 & G)

AC OUTPUT PER CONNECTOR

19.2 kW at 240VAC

16.6 kW at 208VAC

OPERATING TEMPERATURE

- 25° C to +50° C

- 13° F to +122° F

COMMUNICATIONS

Cellular, Ethernet

PROTOCOL

OCPP 1.6J

DIMENSIONS

71.25” Total Height with Pedestal

36.5” Total Height w/out Pedestal

16” Width Without Connectors

12” Depth

CORD LENGTH

9 feet

CONNECTORS

SAE J1772 Type 1

ENCLOSURE

Type 3R Aluminum

OPTIONS

Wall Bracket

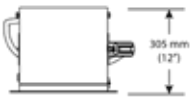
Pedestal Mount

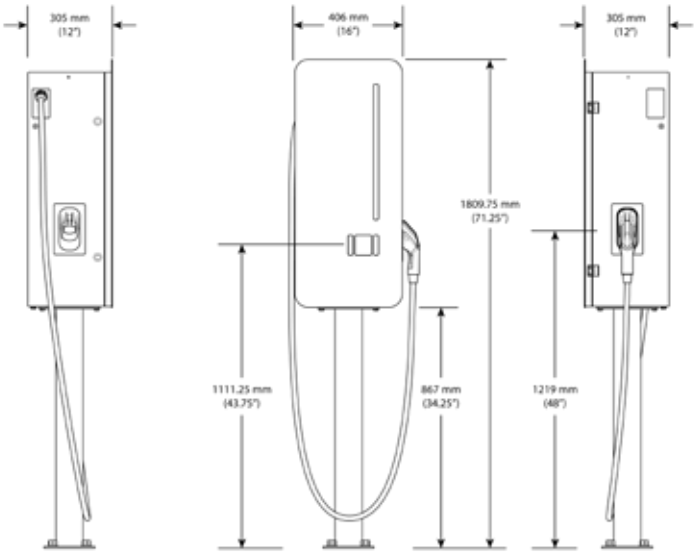
Branded Door Graphics

USER INTERFACE

LED Indicators

RFID Card Reader





PARTS LIST

Before proceeding with the installation of your Gen 3 Charging Station, please inspect the product and confirm there is no shipping damage. If the unit is damaged or otherwise defective, please call us at 860-308-2054 or email us at **support@JuiceBarEV.com**. Confirm receipt of any accessories ordered with the unit that may have been packaged separately such as a pedestal mount, wall bracket, cord management system or a precast foundation.

The EVSE Package

- JB 3.0
- Two (2) Door Keys
- One (1) Cam Key
- Three (3) Terminal Block Jumpers

Wall-Mount Bracket Package

- Wall Mount Bracket
- Four (4) Bracket-to-EVSE Bolts
- Four (4) Washers

Pedestal-Mount Package

- Stainless over Carbon Steel Pedestal with Standard Bolt Pattern

Conversion Pedestal-Mount Package

- Stainless over Carbon Steel Pedestal with Legacy EVSE to Gen 3 Bolt Pattern

Precast Foundation Package

- Concrete Precast Foundation with conduit Sweeps and Stainless Steel Studs
- Four (4) Stainless steel Nuts
- Four (4) Stainless steel Washers

Pre-Work

Suggested Installation Tools

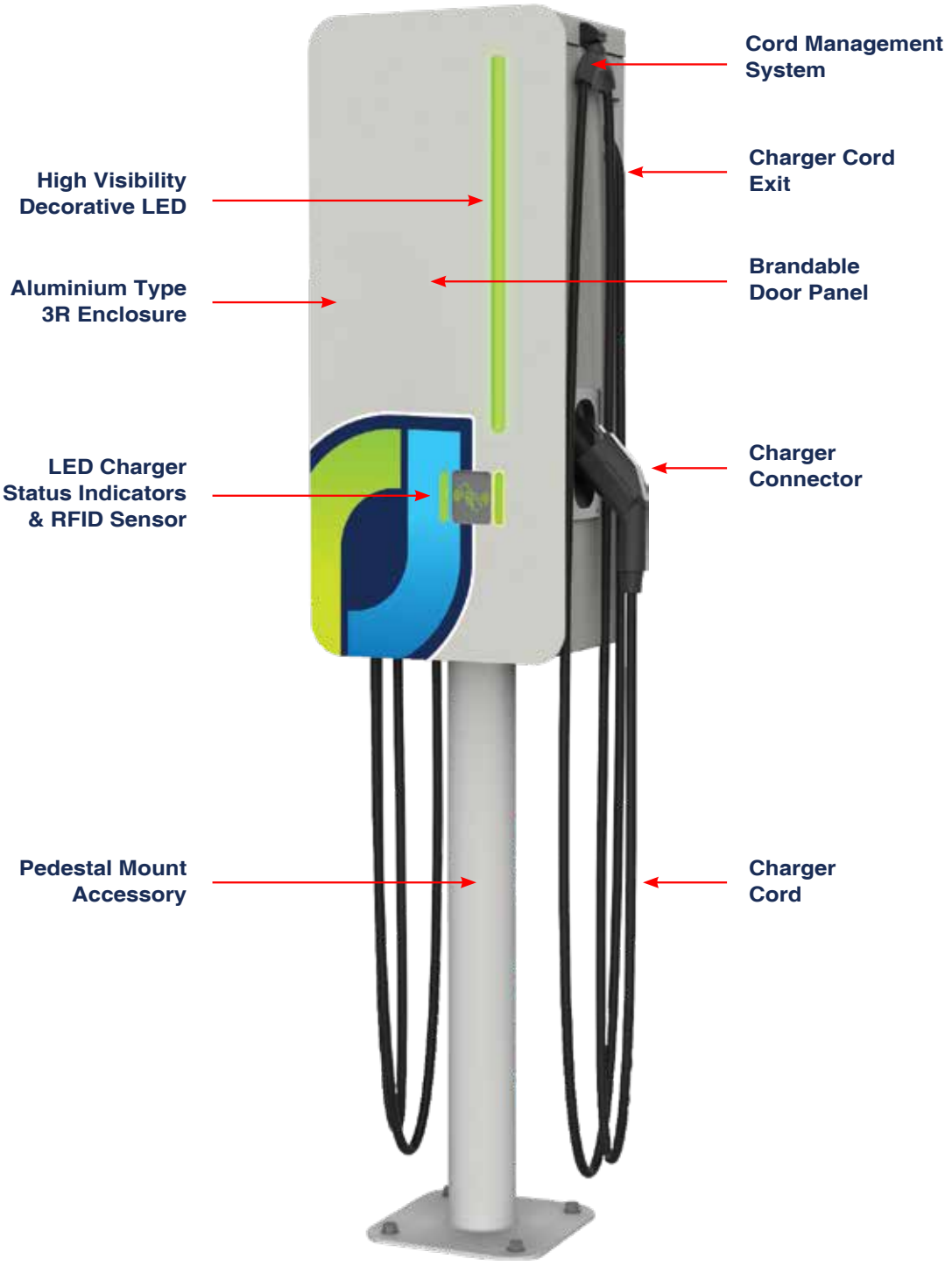
- Phillips head screw driver
- Flat head screw driver
- Wrench for pedestal to ground
- Wrench for pedestal to unit
- Wrench for wall bracket to wall
- Rotory hammer drill
- Shims
- Sealant
- Anchors
- EV simulator or an EV
- Level

Required Breaker Ratings

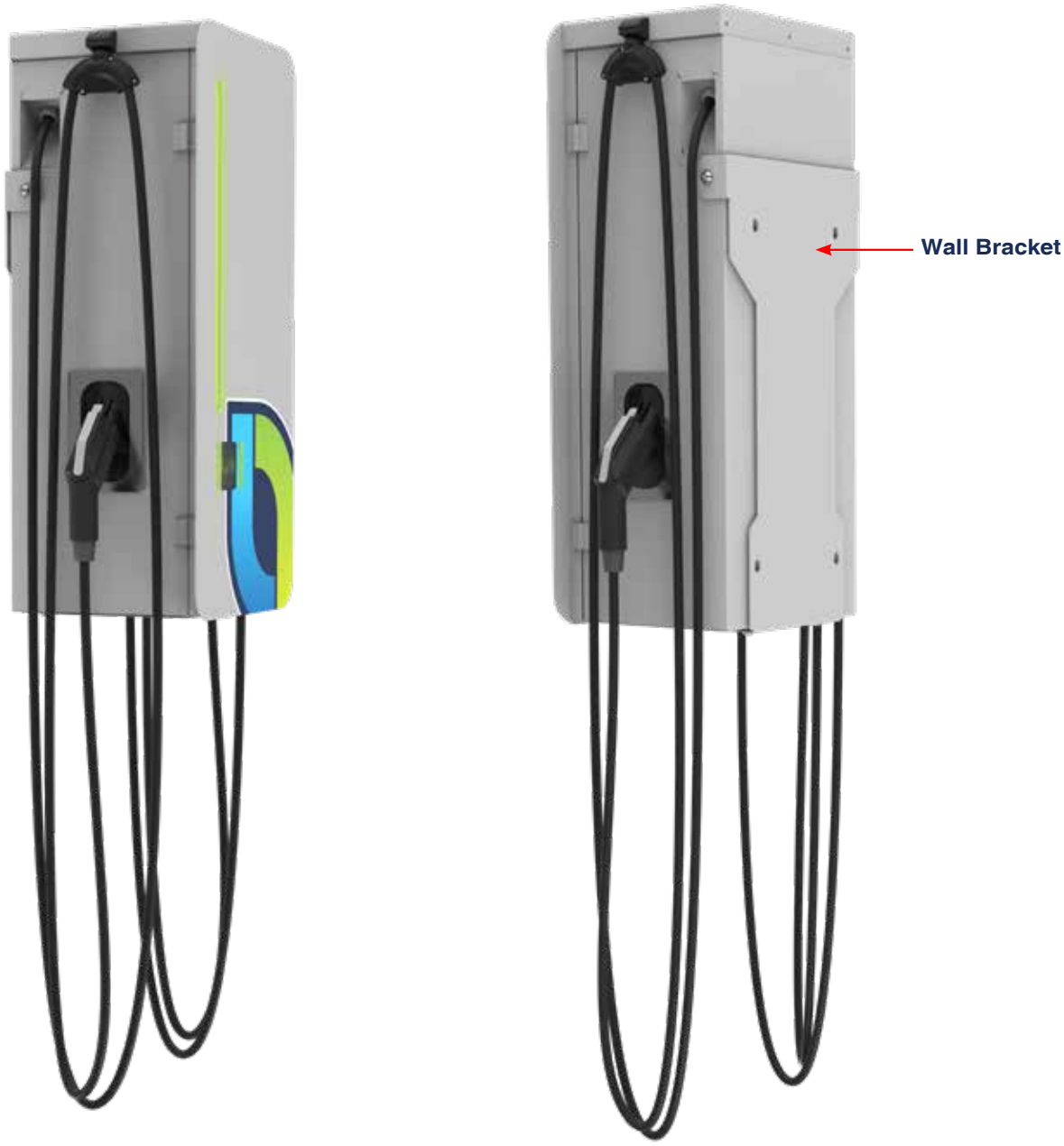
Model#	Required Breaker Rating Per supply circuit
321	40 Amp
322	(2x) 40 Amp
401	50 Amp
402	(2x) 50 Amp
481	60 Amp
482	(2x) 60 Amp
801	100 Amp

Breakers must be new.

EXTERNAL COMPONENTS & ASSEMBLY



WALL MOUNT BRACKET

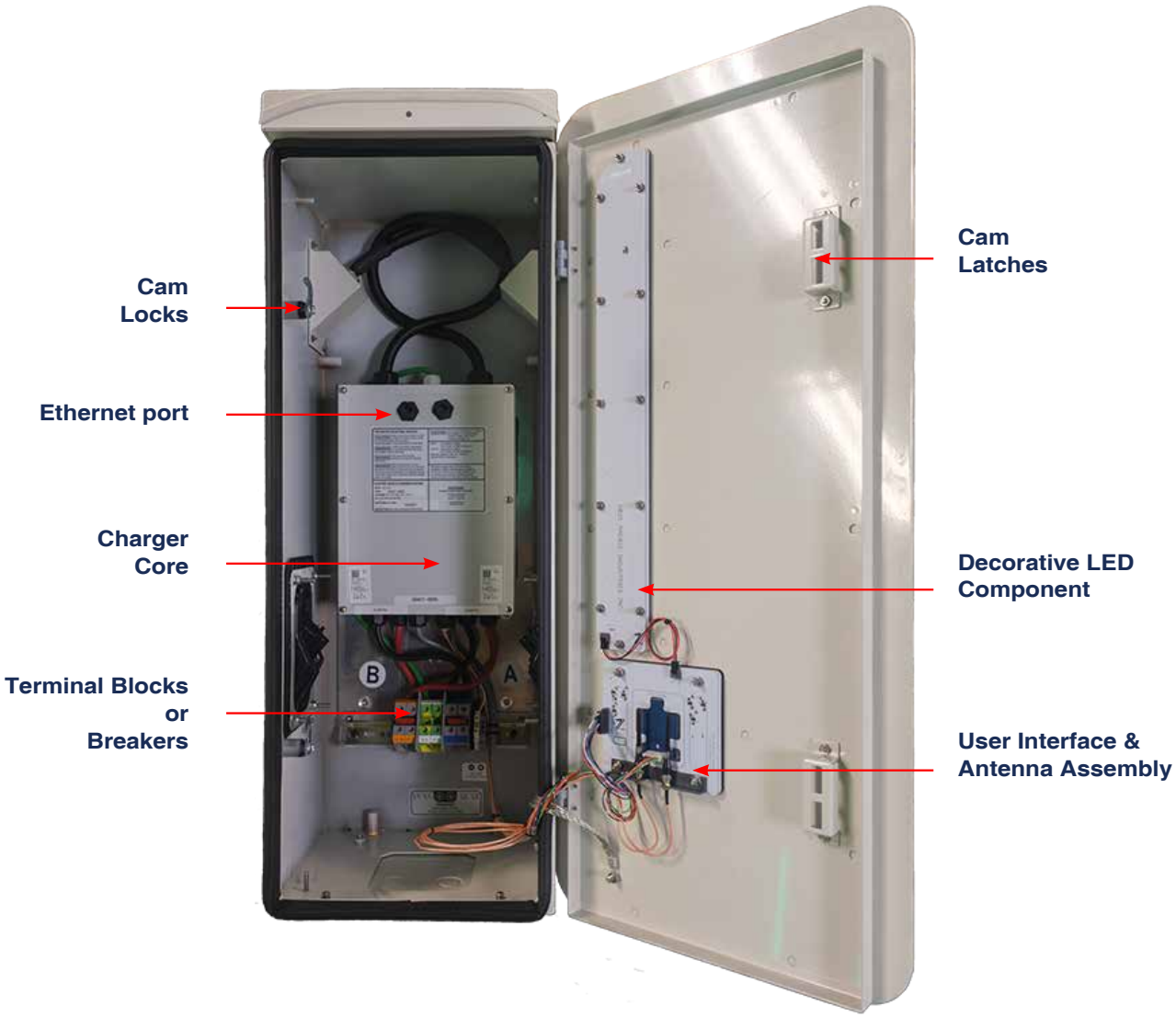


EXTERNAL COMPONENTS & ASSEMBLY (continued)

Custom Branded Wraps

If you special ordered a customized UV resistant vinyl branded wrap at the time of purchase, the charger will be delivered with the wrap already affixed. If you would like to add a wrap after delivery, please contact your JuiceBar Account Representative.

INTERNAL COMPONENTS & ASSEMBLY



SAFETY INFORMATION: INSTALLATION

IMPORTANT: Only a qualified electrician should perform the installation of the Gen 3 charging station. The installation must be performed in accordance with all local electrical codes and ordinances. Before installing or servicing, turn off the branch circut

IMPORTANT: Seul un électricien qualifié doit effectuer l'installation. L'installation doit être effectuée conformément à tous les codes électruques locaux et de ordonnances. Éteindre la station de charge au niveau du disjoncteur avant le l'installation ou le fonctionnement de l'équipement.

WARNING: Do not install the JuiceBar Gen 3 charging station in close proximity to combustible materials or flammable vapors.

AVERTISSEMENT: N'installez pas le JuiceBar Gen 3 station de charge à proximité de matériaux combustibles ou des vapeurs inflammables.

CAUTION: 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. Earth Ground must be connected to Neutral at one point, usually at the service entry breaker panel.

ATTENTION: Ce produit doit être connecté à une terre, métal, câblage permanent système; ou un équipement-conducteur de mise à la terre doit être exécuté avec les conducteurs du circuit et connecté à la borne de terre ou fil du produit. Mise à las terre doit être connecté au Nertre en un point, généralment à l'eentrée panneau de disjoncteurs de service.

CAUTION: If a 240V 3-phase feed is from a Delta-connected secondary, the leg used must have a center-tap. The tap must be Grounded. Only the two phases on either side of the center-tapped leg can be used.

The two phases must both measure 120V to Neutral. The third line (L3) of the delta is 208V, with respect to Neutral, and is sometimes referred to as a "stinger." Do not use this third line.

ATTENTION: Si une alimentation à triphasé 240V provient d'un triangle connecté secondaire, la bornes utilisée doit avoir un centre-tap. Que la tap doit être Mise à la Terre. Seuls les deux phases l'une ou l'autre côté du centre tapped brancher peut être utilisé.

Les deux phases doivent mesurer 120V en position neutre. La troisième ligne (L3) de la delta est 208V, à l'égard de neutre, et est parfois appelé "stinger". N'utilisez pas cette troisième ligne.

SITE SELECTION

Things to Consider when Selecting Locations for JuiceBar Gen 3 Charging Stations

Place the JuiceBar Gen 3 Electric Vehicle Supply Equipment ("EVSE") in an area that is visible and clearly marked by appropriate wayfinding and usage restriction signage.

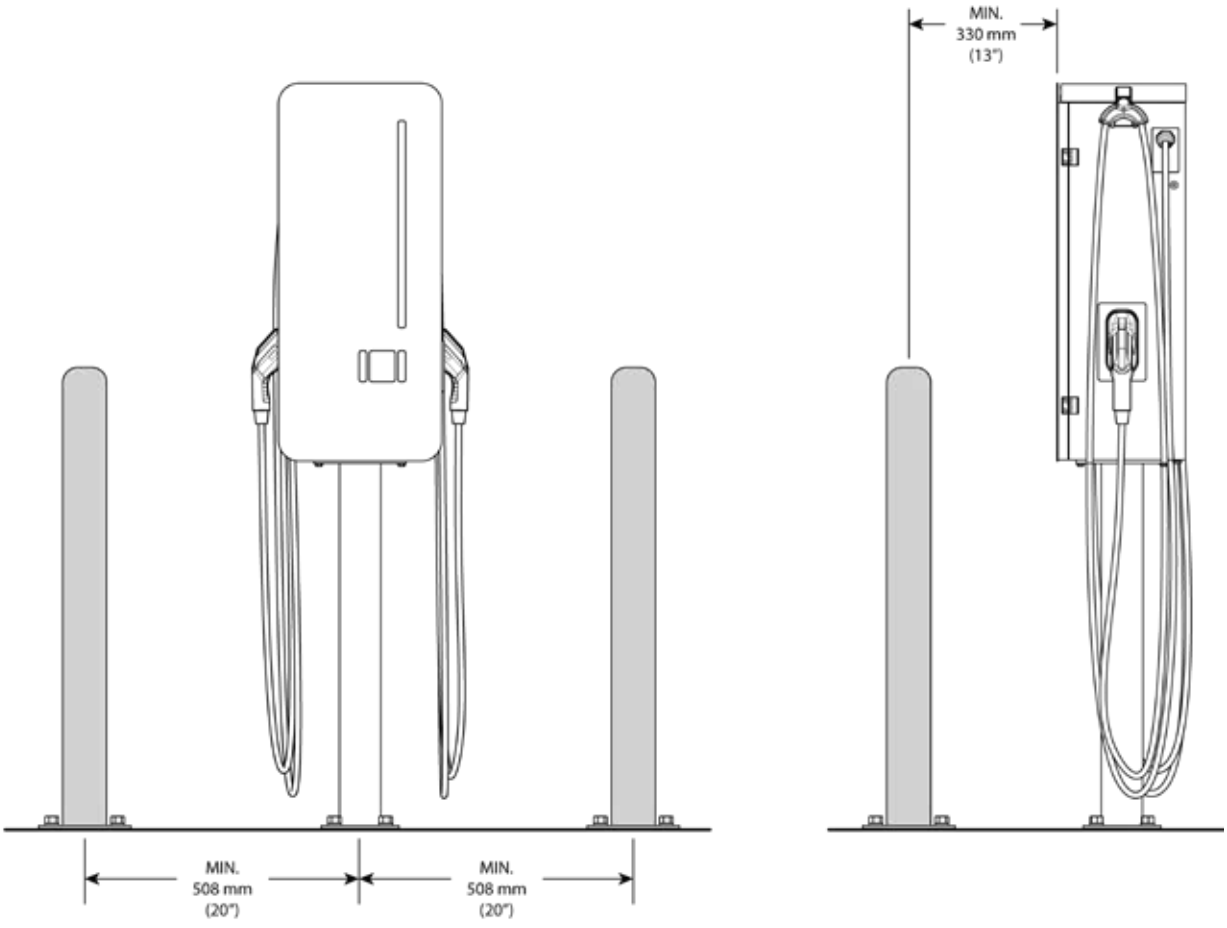
- Consider proximity, accessibility, compatibility and capacity of available electrical service and distribution equipment to serve the EVSE in the desired charging environment.
- Determine whether the site is best suited for a Wall Mounted or Pedestal Mounted EVSE. Site Suitability is most often determined by power access as a pedestal mount requires power be brought up from below the unit, while a wall mount is more flexible with regards to power delivery, allowing power be brought down from the ceiling or directly out from the wall.
- Mounting the EVSE to a concrete wall surface or atop a concrete foundation is recommended.
- When choosing the site for the EVSE, be sure to take into consideration easy access to the EVSE for driver use as well as for maintenance and repairs of the charger. Allow enough room to access the connector/cord, view the user instructions on the side of the EVSE, open the front door access panel, and access the power source service panel. The recommended minumum clearance to either side of the unit is 24 inches, and there is no minimum clearance required for the rear face.
- Determine if Americans with Disability Act (ADA), or similar local regulations or codes, is required for the EVSE and ensure that the mounting height, clearance and orientation of the EVSE complies with such requirements.
- **If the unit is to use a hardwired network connection, this connection must meet or exceed the CAT 5e standard. Double sided models require two hardwired network connections.**

SITE SELECTION (continued)

Things to Consider when Selecting Locations for JuiceBar Gen 3 Charging Stations

- Placement of traffic protection including bollards and/or wheel stops is recommended to protect the EVSE.

Bollards

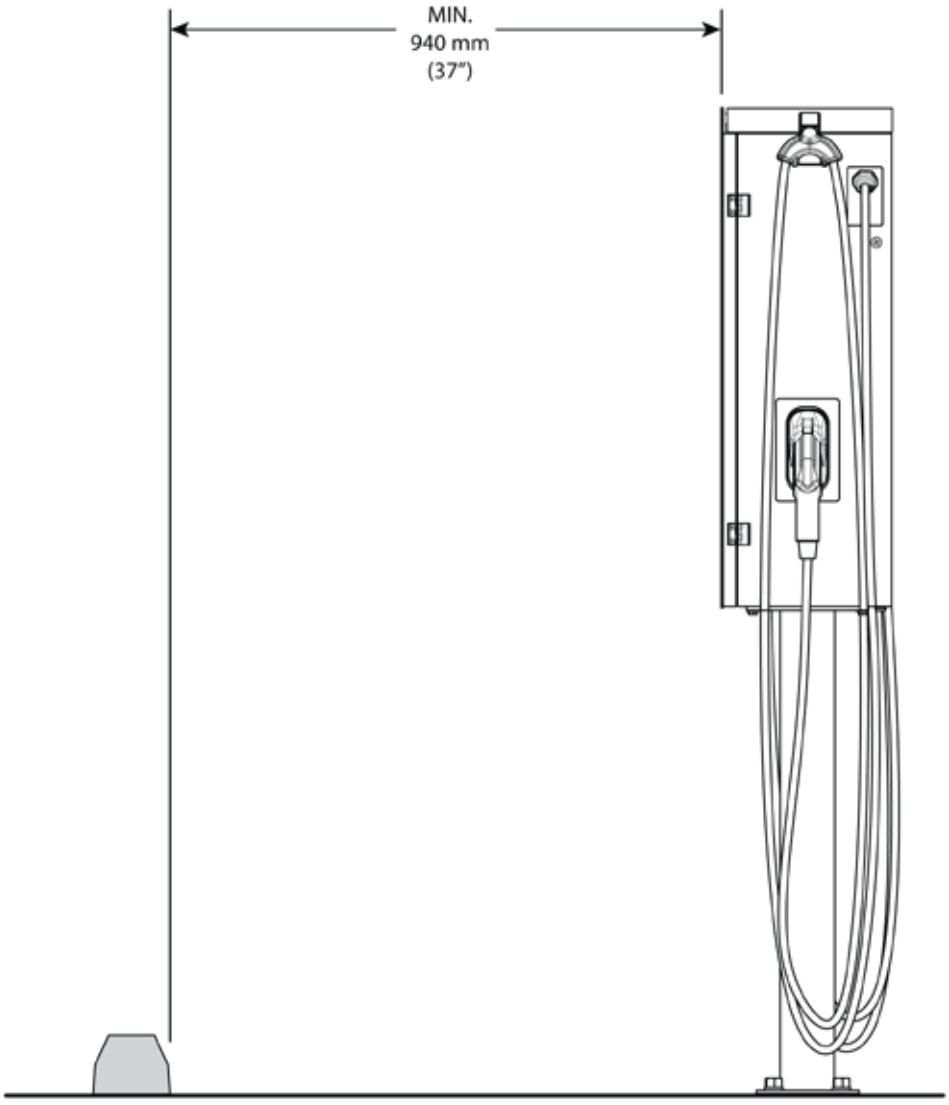


SITE SELECTION (continued)

Things to Consider when Selecting Locations for JuiceBar Gen 3 Charging Stations

- Placement of traffic protection including bollards and/or wheel stops is recommended to protect the EVSE.

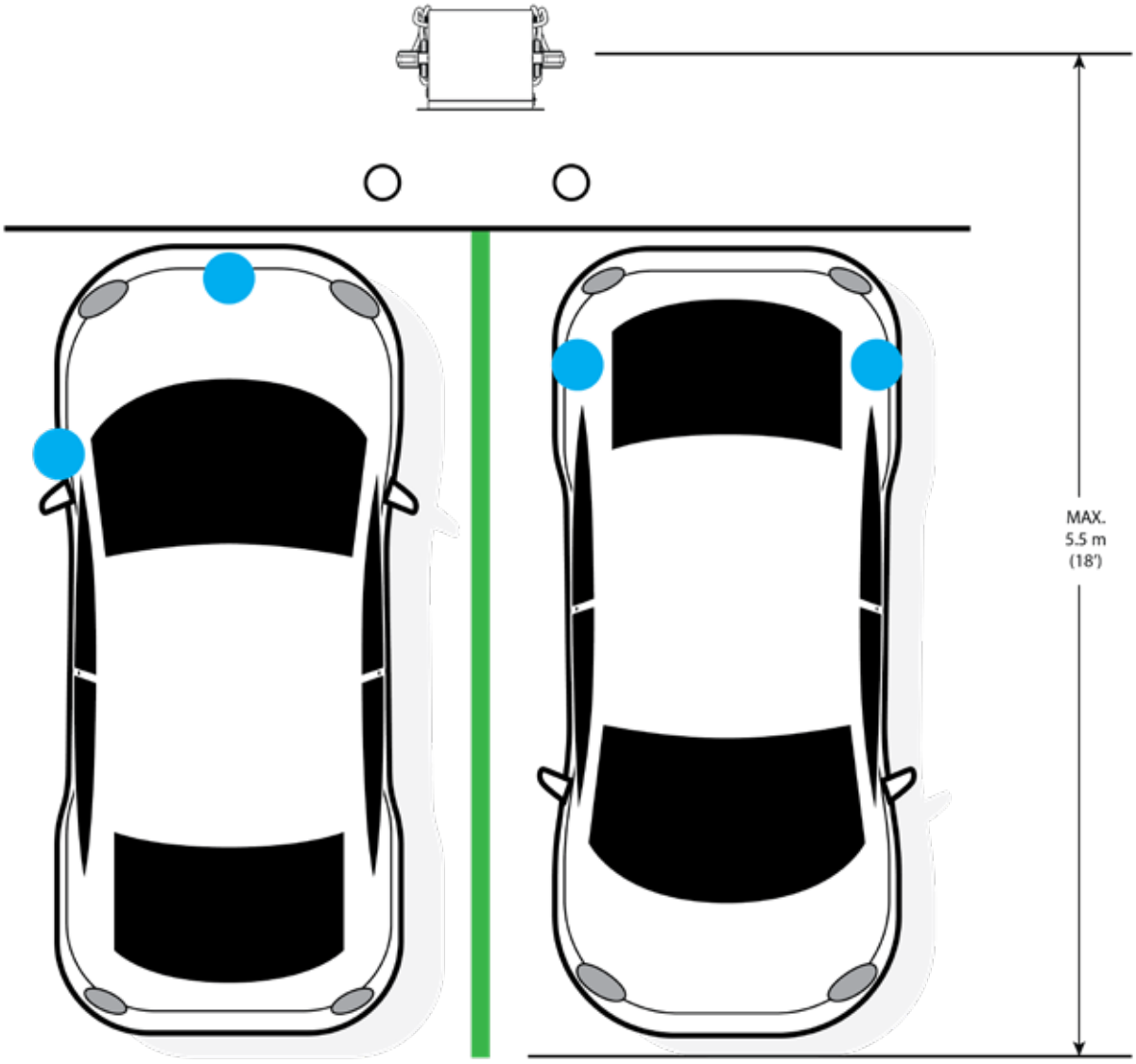
Wheel Stops



SITE SELECTION (continued)

Things to Consider when Selecting Locations for JuiceBar Gen 3 Charging Stations

- Place the EVSE in a way that will enable access to the port locations on electric vehicles. JuiceBar's chargers can be equipped with cords of various lengths up to 18' and may include cord management systems.
- Longer and wider parking spaces are preferred to enable optimal cord handling and placement during use.



MOUNTING INSTRUCTIONS

General Notes

JuiceBar Gen 3 chargers can be mounted using a pedestal base or wall bracket. Do not drill additional holes in the enclosure.

Depending on accessories, the Gen 3 can weigh as much as 100 lbs with the potential for lateral loads occurring due to wind and/or the extension of the charger cords. Accordingly, it is recommended that the pedestal and wall mounting systems be installed in concrete or other suitable high strength mounting surfaces.

Two people are required when lifting the Gen 3 unit.

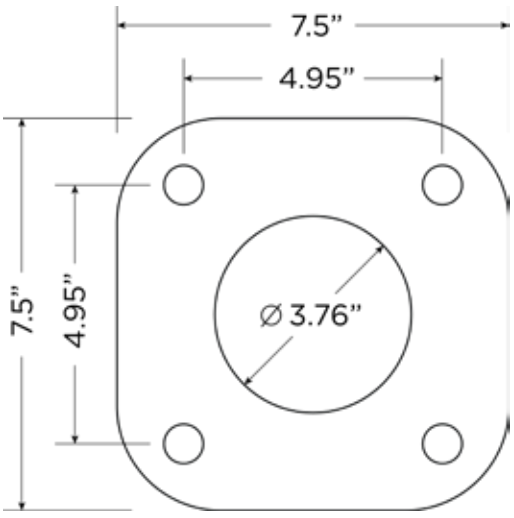
The anchor bolt and mounting surface material assembly must be able to support a minimum pullout rating of 1600 lbs. and shear rating of 1900 lbs.

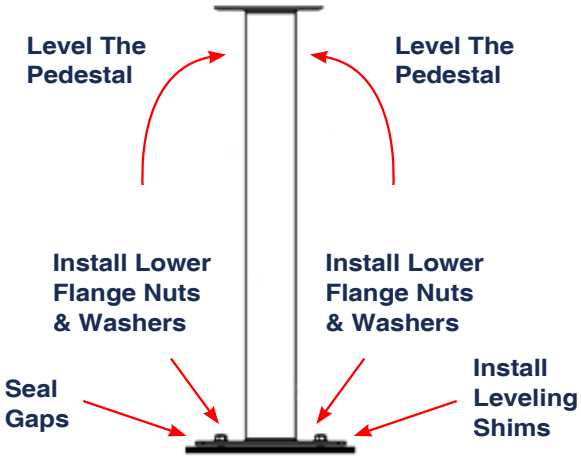
Consider use of subsurface scanning services prior to drilling into existing concrete structures.

Pedestal Mounted Charger Installation

JuiceBar provides pedestal mounts to enable a floor standing configuration. In this configuration conductors enter from the bottom of the EVSE through the pedestal tube.

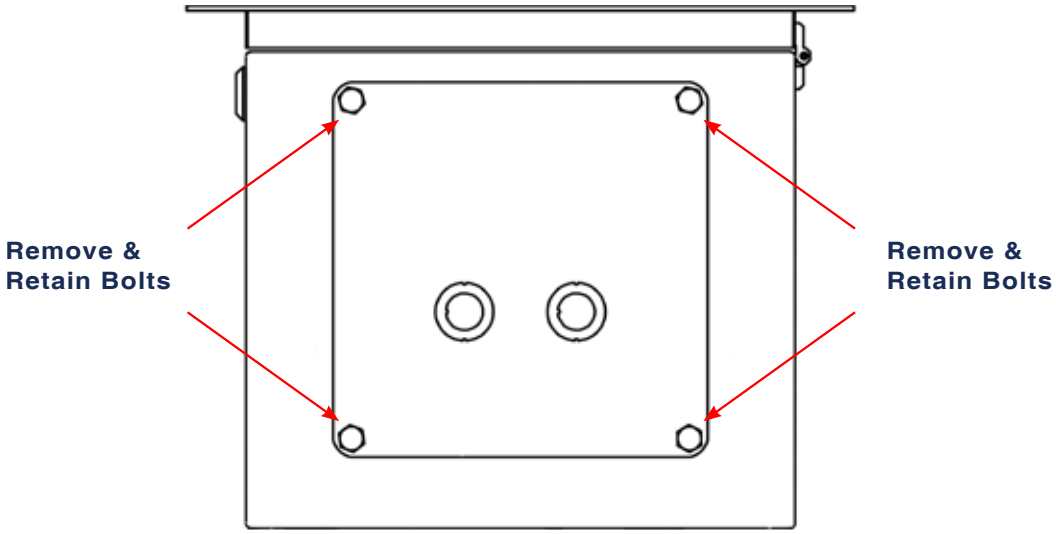
1. Drill holes in the existing surface in accordance with the lower pedestal mounting flange bolt pattern and install anchor bolts. Position the pedestal over the anchor bolts, level the pedestal with shims as required (not included.) Seal any gaps beneath the fange with material suitable for adhesion to the mounting surface.



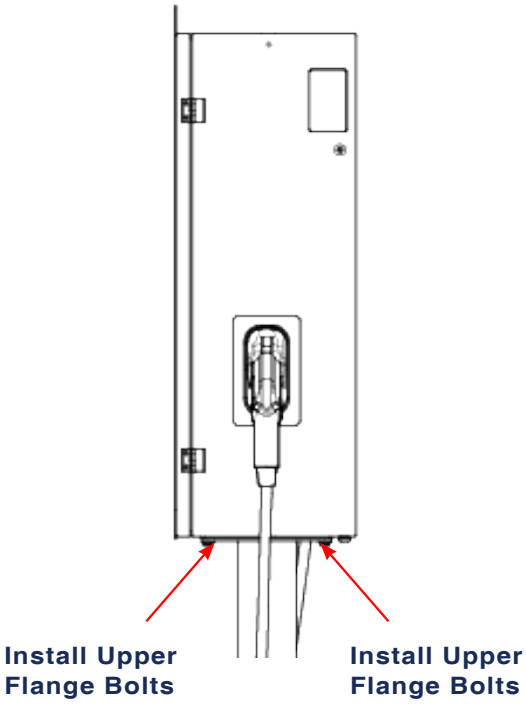


MOUNTING INSTRUCTIONS (continued)

2. **Remove the enclosure bottom plate and discard**. The enclosure bottom plate is not reused. Save the bolts used to secure the bottom plate for use in Step 3.



3. Mount the enclosure on top of the upper pedestal flange using the bolts removed during Step 2 to secure the enclosure to the pedestal. Ensure the pedestal is aligned with the factory installed gaskets to maintain the environmental seal of the charger enclosure.



CONCRETE INSTRUCTIONS

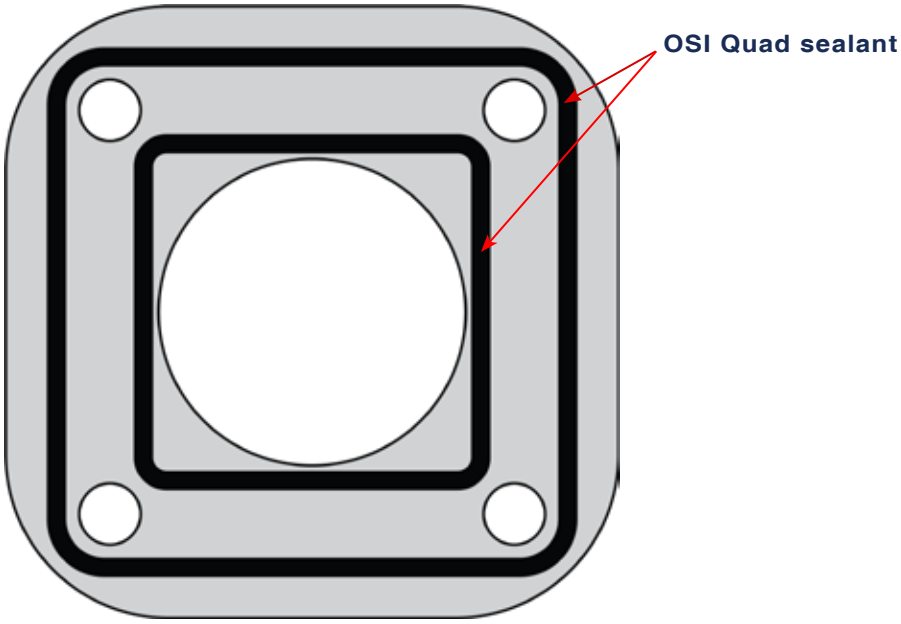
Concrete Installation

IMPORTANT: We recommend using a Red Head Trubolt 1/2”x3-3/4” wedge anchor in 316 stainless (MPN: SWW-1236).

1. Use the nut and washer included with the Red Heat Turbolt for installation
2. Contact Red Head for detailed installation instructions.
3. This anchor requires 1/2” diameter holes be predrilled into the concrete to a depth of at least 4”. The holes should be drilled with a carbide drill bit and a rotary hammer drill.

IMPORTANT: The holes must be at least 4” from the edge

4. Clean the holes to remove any dust.
5. Once the holes have been drilled, dry fit the unit and check that it is level. If the unit is not level, use the 316 stainless steel ring shims with an ID of 1/2” to level the unit.
6. Once the unit is level, remove the unit and place 2 beads of OSI Quad sealant around the outer and inner perimeters of the hole pattern on the concrete.(See image below)
7. Replace the pedestal and tighten the anchors. The anchor has a maximum torque rating of 55 ft lbs.



CONCRETE INSTRUCTIONS (continued)

IMPORTANT:

Do not use an impact wrench to set or tighten the anchor.

Recommended Shims:

- 4x 1/2” IDx0.125” 316 stainless steel shim McMaster-Carr: 97022A249
- 2x 1/2” IDx0.045” 316 stainless steel shim McMaster-Carr: 97022A243
- 10x 1/2” IDx0.010” 316 stainless steel shim McMaster-Carr: 97022A380

MOUNTING INSTRUCTIONS (continued)

Precast Foundation

For simplicity of installation, JuiceBar can provide a standard precast foundation (sold separately) that can be shipped within certain regions. The casting specifications can also be provided to your local foundry.

• The JuiceBar precast foundation measures 1' round by 4' tall.

• The data & power conduits are included and exit the foundation at a depth of 18 inches.

- Check local code for required conduit depth.
- The stainless steel anchor bolts are pre installed.
- The package will include washers and nuts to secure the JuiceBar unit.
- The foundation weighs 400lbs.

MOUNTING INSTRUCTIONS (continued)

Wall Mounted Charger Installation (Wall Bracket)

JuiceBar provides a bracket to enable a wall mounted configuration. In this configuration conductors enter the EVSE through a knockout in the EVSE's bottom plate.

IMPORTANT:

- **We recommend using a Confast 3/8'' double expansion anchor (MPN: DE38).**
- **The holes must be at least 4'' from the edge of the wall.**
- **Do not use an impact wrench to set or tighten the bolts.**

ADDITIONAL INFORMATION:

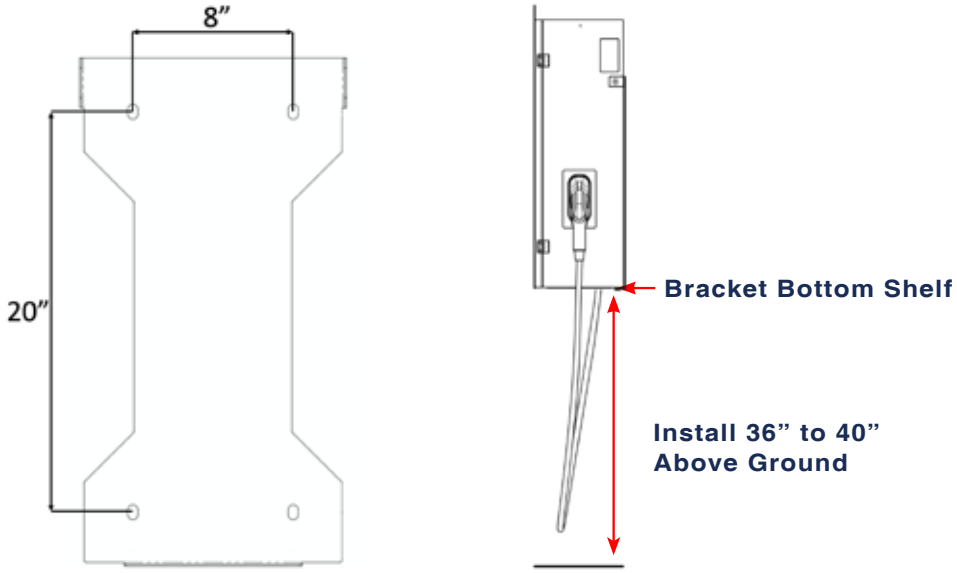
- Use the supplied bolt and washer when installing the anchor.
- Contact Confast for detailed installation instructions.
- This anchor requires 3/4" diameter holes be predrilled into the concrete or masonry to a depth of at least 2". The holes should be drilled with a carbide drill bit and a hammer drill.
- Clean the holes to remove any dust.
- Insert the anchor with the threaded end first into the hole.
- Place the wall bracket on the wall and insert the bolt into the anchor.
- Use a wrench to tighten the anchor to 10ft. lbs. of torque.

MOUNTING INSTRUCTIONS (continued)

Wall Mounted Charger Installation (Wall Bracket)

JuiceBar provides a bracket to enable a wall mounted configuration. In this configuration conductors enter the EVSE through a knockout in the EVSE's bottom plate.

1. Drill holes in the wall surface in accordance with the bracket bolt pattern. The holes should be positioned so the bracket is level and the bottom shelf of the bracket is located 36" to 40" above the ground.



2. Mount the bracket so the enclosure will sit plumb to the wall surface using internally threaded concrete and brick style anchor bolt hardware.

MOUNTING INSTRUCTIONS (continued)

3. Attach the enclosure to the bracket flanges using the included hardware. Remove the conduit knockout(s) in the bottom plate as needed and install suitable conduit connectors.

Conduit connectors should be selected in accordance with NFPA NEC or as advised by the local authority having jurisdiction.

Proper selection and tightening of conduit connectors to maintain a NEMA 3R ingress protection are necessary to maintain the environmental seal of the charger enclosure.

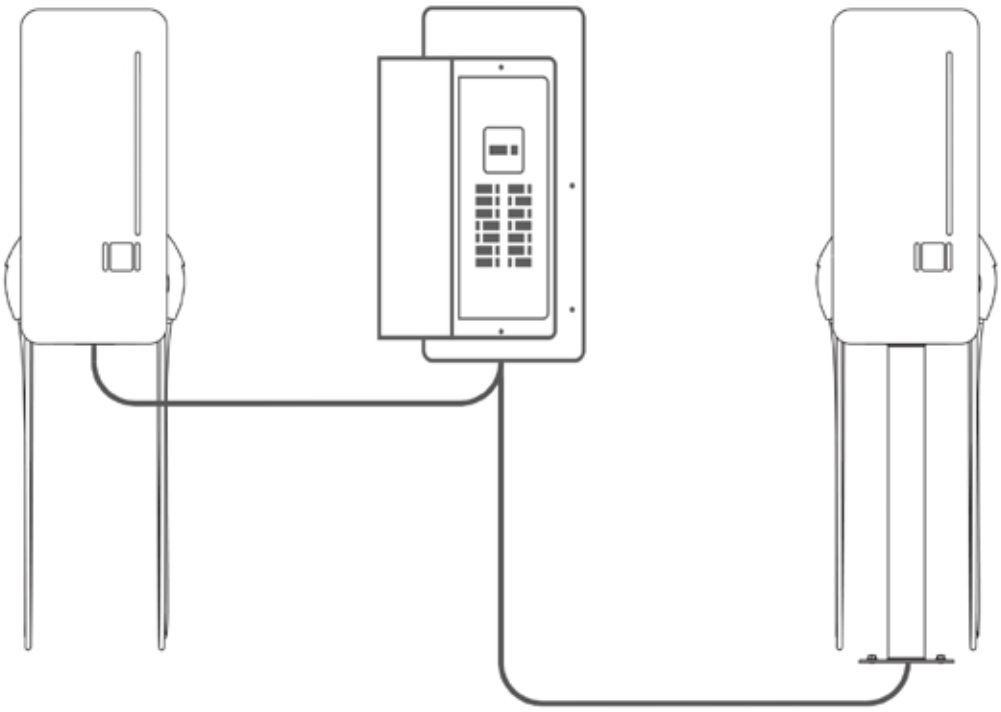
WIRING INSTRUCTIONS

Electrical Service

Label breakers and panel

Connect the Gen 3 to the electrical supply via a dedicated electrical service breaker.

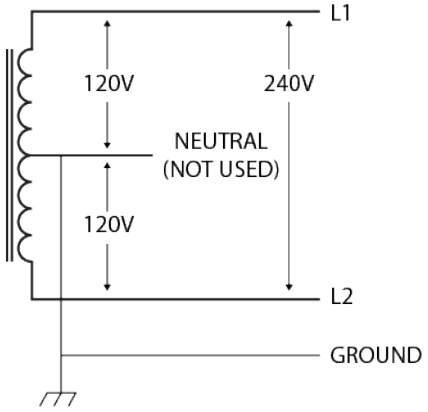
Please ensure the installation follows all local electrical codes.



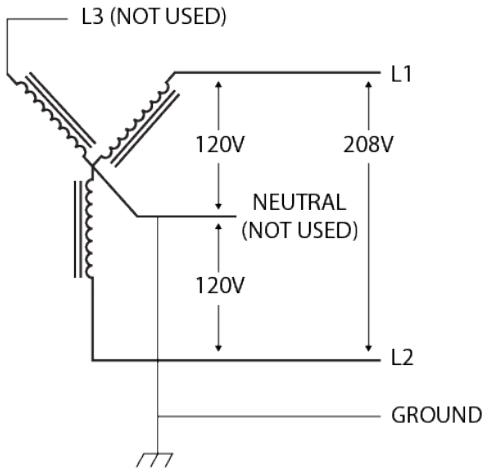
WIRING INSTRUCTIONS (continued)

JuiceBar Gen 3 chargers must be grounded. Proper grounding provides a path of least resistance for electric current and reduces risk of electrical shock. The following grounded electrical systems are recommended:

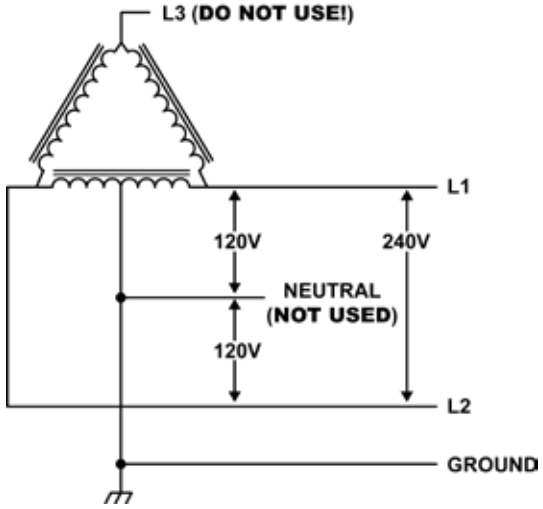
220/240V Single Phase



208V 3-Phase, Wye-Connected



240V 3-Phase, Delta-Connected, with center-tap on one leg.



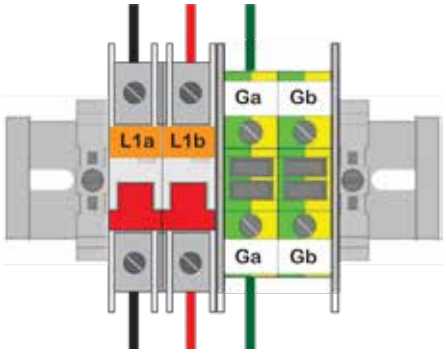
WIRING INSTRUCTIONS (continued)

Breakers Wiring Configuration

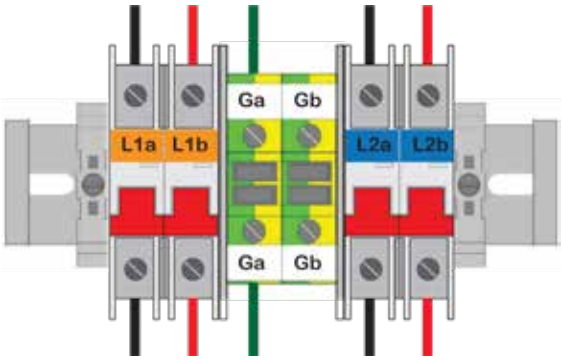
JuiceBar Gen 3 chargers are equipped with large aperture terminal blocks and breakers enabling flexible, fast and safe termination to electrical distribution infrastructure.

Single connector chargers are fed by a single circuit. Dual connector chargers are fed by two circuits.

Example: Single Circuit | Single Charger



Example: Dual Circuit | Dual Charger



Current-carrying terminal block connections can accommodate up to 1/0 AWG size conductors with nominal cross section of 35 mm². Conductor sheathing should be stripped back 14 mm and torqued to 3.5 Nm +/- 0.2 Nm.

Grounding terminal block connections can accommodate conductors from 16 AWG to 2 AWG with nominal cross section of 35 mm². Conductor sheathing should be stripped back 18mm and torqued to 3.5 Nm +/- 0.2 Nm.

Please consult with your local authority for appropriate guidance on electrical system design including conductor sizing and breaker ratings for the JuiceBar Gen 3 maximum rated power level. Refer to the product specification sheets for rated power levels.

WIRING INSTRUCTIONS (continued)

Energizing the Charger

Upon connection to a power supply, the JuiceBar Gen 3 charger will conduct a self-diagnostic check. The LED indicator lights will flash through sequences of colors and patterns before turning solid red, then solid green. Non-networked chargers will then be immediately ready for use.

If you selected a network charge management system, the charger will automatically attempt to connect to the network server. Please confirm the commissioning process for your chosen network with your JuiceBar EV account representative.

WIRING INSTRUCTIONS (continued)

Phase verification test

Units must be wired such that L1a and L2a are 120 vac to ground, and 208-240 to each other

Set Multimeter to V AC

A. Measure between terminals 1 and 3 or 4; the voltage should be 120V

B. Measure between terminals 2 and 3 or 4; the voltage should be 120V

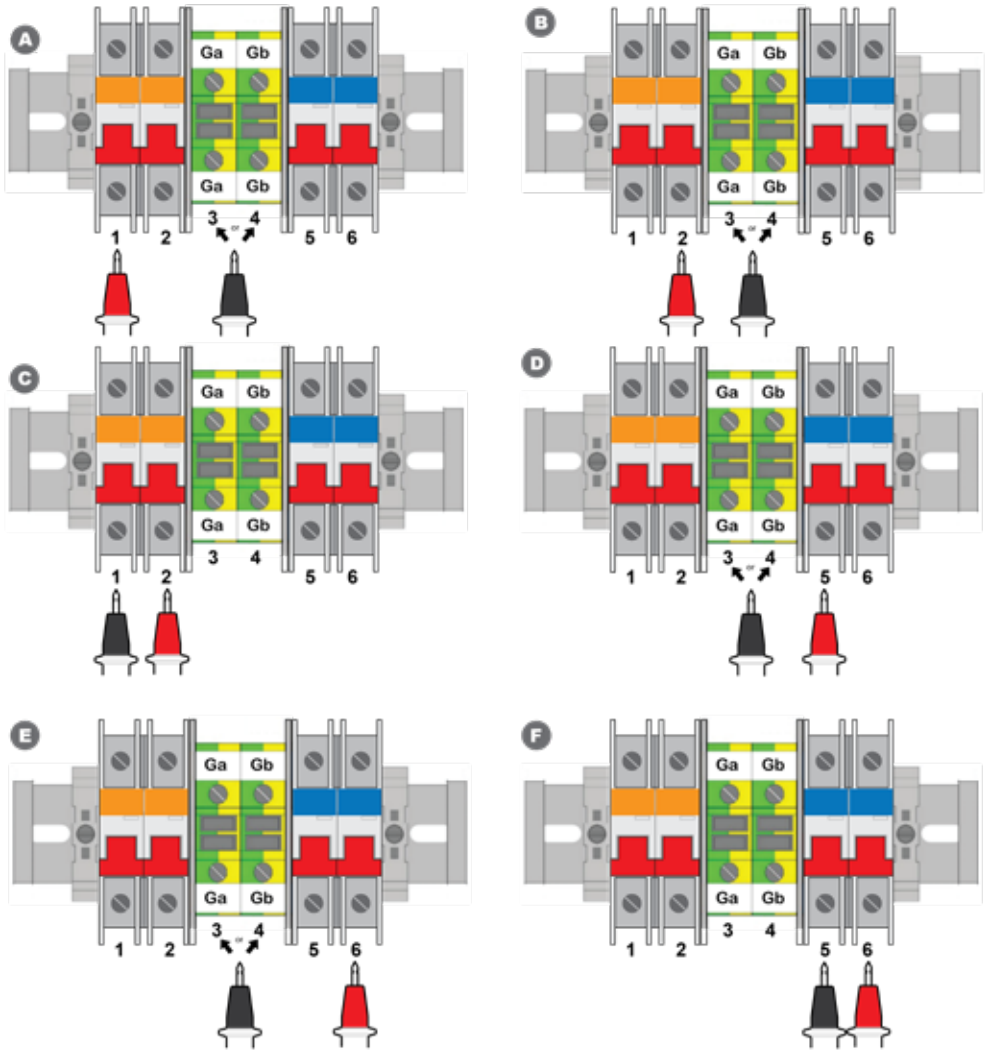
C. Measure between terminals 1 and 2; the voltage should be 208V-240V

D. Measure between terminals 5 and 3 or 4 ; the voltage should be 120V

E. Measure between terminals 6 and 3 or 4 ; the voltage should be 120V

F. Measure between terminals 5 and 6 ; the voltage should be 208V-240V

If any measured values do not agree with the above steps, check circuit phasing.



WIRING INSTRUCTIONS (continued)

Origination Test

IMPORTANT: On units where non-sheathed conductors are run from two breakers to supply a dual output EVSE, it is important to verify that each side of the charger is powered by L1 and L2 from the same breaker, or else fault currents could exceed the intended trip level. In the absence of conductors being tagged / labeled when they were run, we can check that they are terminated properly.

At panel, shut off one of the two breakers which supply the EVSE. Set Multimeter to V AC. Take the following measurements:

A. Measure between terminals 1 and 3 or 4; the voltage should be 120V or 0V

B. Measure between terminals 2 and 3 or 4; the voltage should be 120V or 0V

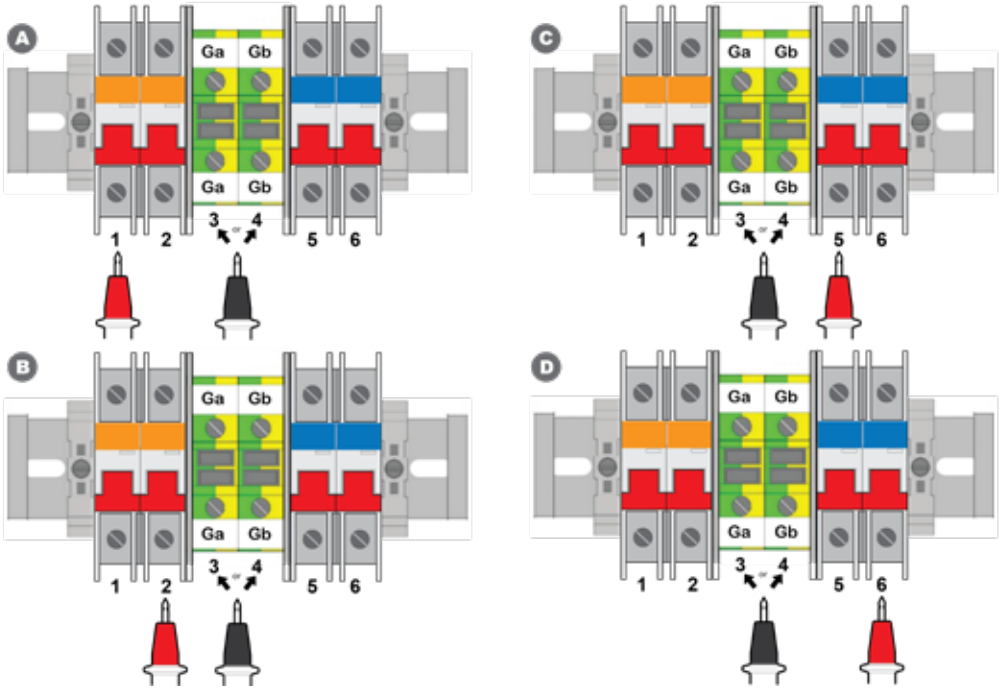
The results of measurements A and B must be equivalent. If A yields 120V and B yields 0V or vice versa, then the test has been failed.

C. Measure between terminals 3 or 4 and 5; the voltage should be 120V or 0V

D. Measure between terminals 3 or 4 and 6; the voltage should be 120V or 0V

The results of measurements C and D must be equivalent. If C yields 120V and D yields 0V or vice versa, then the test has been failed.

In the case of a single circuit supply, turn off the breaker and ensure all voltages at the EVSE measure 0V.



Ensure Breaker and panel labeling is correct based on the outcome of the origination test.

WIRING INSTRUCTIONS (continued)

Function Test

- Call JuiceBar Support (860-308-2054) to activate your charger.

COMMUNICATIONS

JuiceBar Gen 3 chargers are equipped with cellular connectivity equipment that enables the use of common OCPP 1.6J protocol networked charger management systems and services.

If you selected a charger network prior to shipping, your JuiceBar Gen 3 has been pre-configured to that network at the time of purchase. Please contact your JuiceBar account representative regarding the commissioning process for your selected network before energizing the EVSE.

If you did not select a charger network at the time of purchase and would like to subsequently upgrade your JuiceBar Gen 3 charger, or if you would like to change your existing charger network, please contact JuiceBar for a list of network providers compatible with this equipment (note that fees may apply.)

JuiceBar Gen 3 chargers require a cellular signal or one hardwired internet connection over ethernet (CAT 5e or better) per charger (dual sided chargers are counted as two chargers) to connect to the charger network management systems. It is recommended that you assess the cellular connection strength in your desired area of installation using appropriate detection equipment prior to installing a JuiceBar Gen 3 charger for use with a network. Cellular repeaters can often be utilized to increase or extend available local cellular network coverage as required.

This EVSE 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.

JuiceBar Gen 3 chargers have been designed to protect against Radio Frequency Interference (RFI), however, there are some instances where high power radio signals or nearby RF-producing equipment, such as cellular phones, could impact operation.

Changes or modifications to this product by other than an authorized service facility may void FCC compliance.

SAFETY INFORMATION: OPERATING INSTRUCTIONS

WARNING

When operating electric products, basic precautions should always be followed including the following:

1. Do not operate the JuiceBar Gen 3 if the fexible power cord or EV cable are frayed, have broken insulation, or any other signs of damage.

2. Do not operate the JuiceBar Gen 3 if the enclosure or the charge coupler is broken, cracked, open or shows any other indication of damage.

3. The charging connector is not intended for current interrupting.

4. Do not operate the JuiceBar Gen 3 in temperatures below -13°F (-25°C) or above 122°F (50°C).

AVERTISSEMENT

Lorsque vous utilisez produits électriques, précautions de base doivent toujours être suivies, dont les suivants :

• N'utilisez pas le JuiceBar Gen 3 si le boîtier ou le raccord de charge est cassé, fissuré, ouvrir ou montre toute autre indication de dommages.

• Le charging coupleur n'est pas destiné pour les interrompre.

• Ne pas faire fonctionner le JuiceBar Gen 3 à des températures inférieures à -25 °C (-13°F) ou supérieure à 122°F (50°C).

CAUTION

This product is intended for use with vehicles conforming to Society of Automotive Engineers (SAE) standard J1772. Using it for any other applications can damage the EVSE and/or the nonconforming vehicle.

ATTENTION

Ce produit est destiné pour une utilisation avec les véhicules conformes à la Society of Automotive Engineers (SAE) norme J1772. Son utilisation pour d'autres applications peuvent endommager le EVSE et/ou le véhicule non conforme

GENERAL INFORMATION

DOOR KEY OPERATION

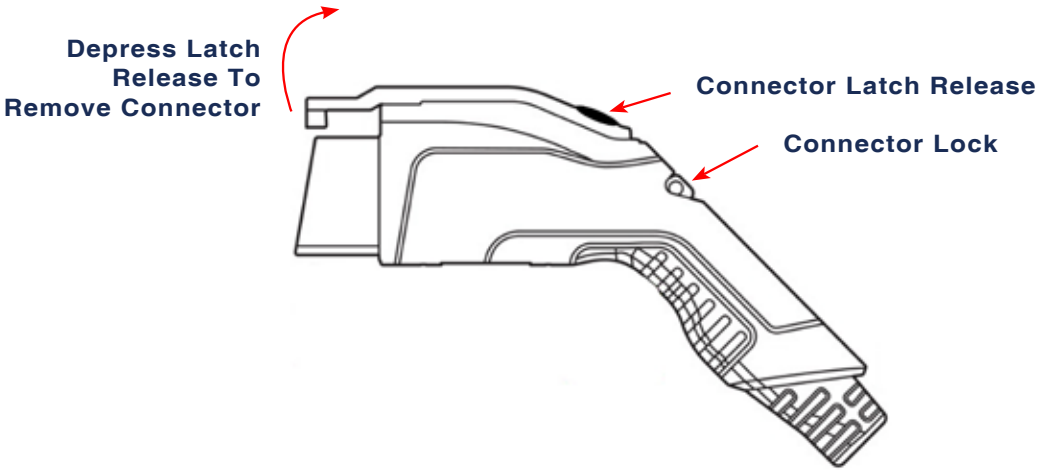
Remove each barrel lock using the provided keys (figure 1). Insert the cam key into each lock and turn the cam key counterclockwise to release the door (figure 2).

figure 1

figure 2

CHARGING CONNECTOR OPERATION

Fully insert the connector into the vehicle charging socket until the connector latch engages. To remove, conclude the charging session and then press the connector latch release. Pull gently on the connector to remove it from the vehicle connector socket.



Note: Some vehicles automatically lock the connector handle to the vehicle charging port to prevent interruption of the charging session. This locking mechanism is typically deactivated by presenting the vehicle key fob near the charging port or by unlocking the vehicle's doors (drivers should consult their vehicle's owners manual for instructions on removing EVSE connectors.)

GENERAL INFORMATION (continued)

OPERATION OF CORD RETRACTOR

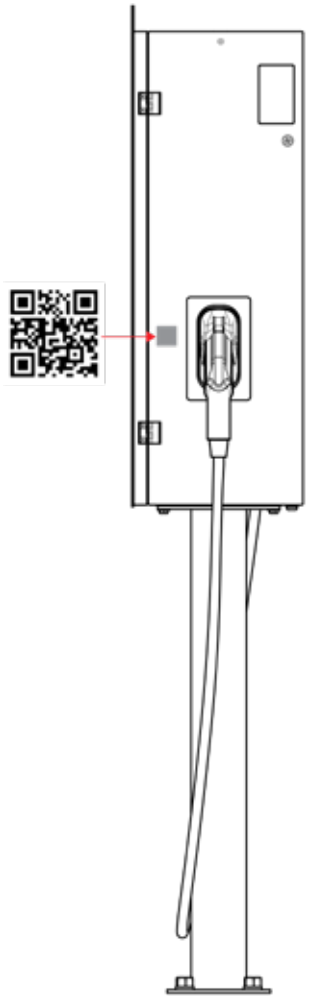
To lock, pull on cord until it is extended sufficiently, then continue until you hear a click. At this point the retractor is locked.

To retract, pull cord out slightly until a pause is heard in the ratcheting mechanism, then walk back to the EVSE with the cord and re-holster the connector.

NETWORK CHARGER INFORMATION

Networked chargers are equipped with access control functions that may be used to limit access to the EVSE and/or require payment for its usage.

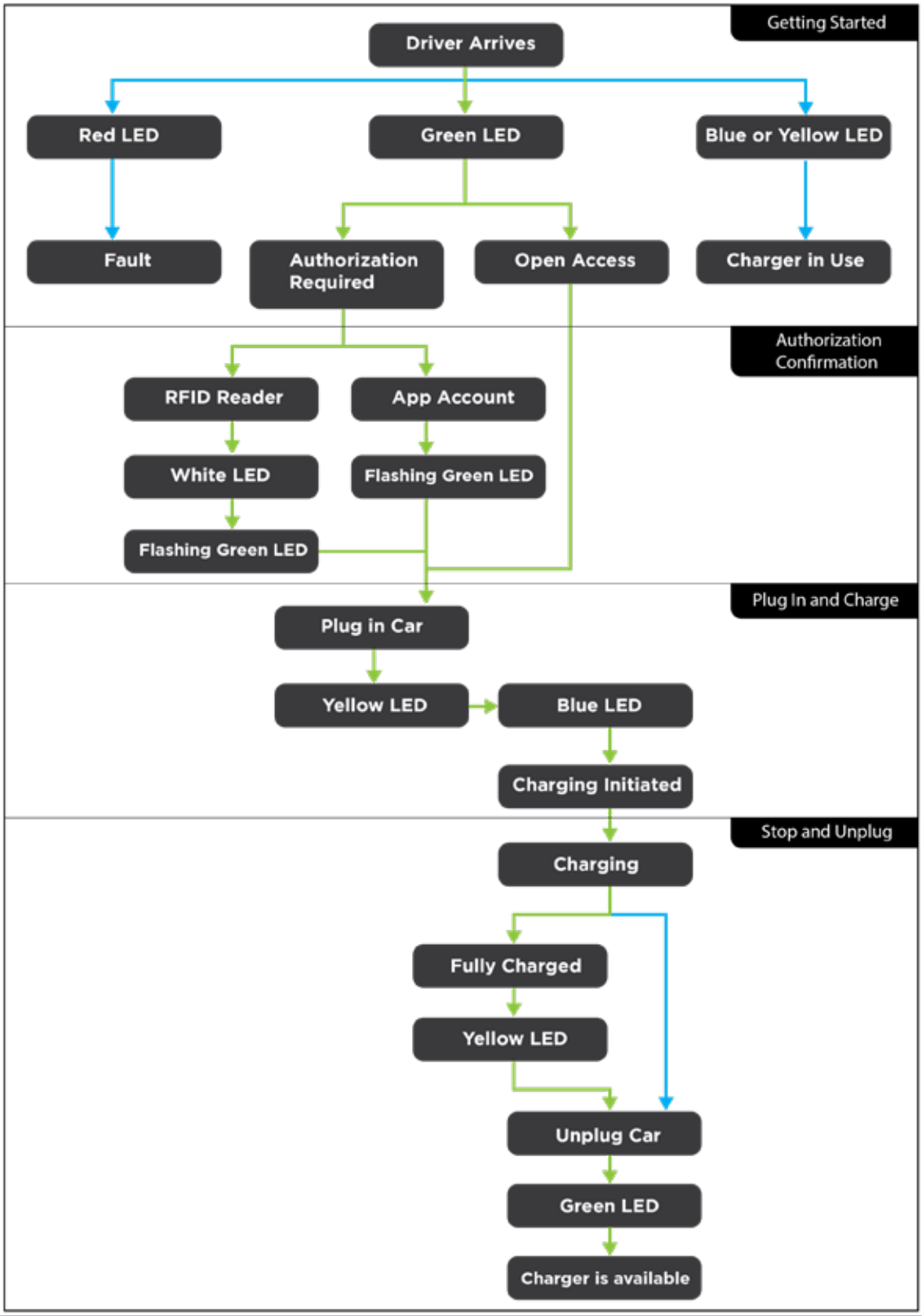
The process to enable a networked charger varies from provider to provider. Access is typically enabled via a mobile application by selecting the charger from a map, scanning a QR code or entering a Station ID Number. Drivers may also use an RFID card. Instructions for use are found on the network provider label at the side of the charger as shown below.



If payment is required to use the charger, follow the directions from the network. Please access the network mobile app or website for payment instructions. If there are any issues with the payment, call the customer service number supplied by the network.

NETWORK CHARGER INFORMATION (continued)

Normal Operations:



NON-NETWORK CHARGER INFORMATION

Non-Networked chargers operate in free-vend mode. That means that a charging session will automatically begin once a vehicle is connected.

Normal Operations:

- The charger will present solid green LED indicator lights while in standby mode.
- When a vehicle is plugged into the JuiceBar Gen 3, the LED indicator lights will turn solid yellow as the charger checks the connection integrity.
- The solid yellow LED indicator lights will turn solid blue once this process is completed and charging has started.

See the user manual label on the side of the charger, and as represented below, for more information.

TROUBLESHOOTING

The JuiceBar Gen 3 is designed to perform self-checks and automatically reset in the event of a fault. The EVSE will require a manual reset upon detection of a component failure and may require service to restore operation.

The following is a list of potential operating faults and how to resolve them.

Condition Presented	Possible Cause	Action
Power is connected to the charger; however, the LED indicator lights do not illuminate and the EVSE will not commence a charging session.	If power is connected to the charger but the device is not operating, there is likely an issue with the breaker at the service panel or a component failure within the EVSE.	• Check for current and voltage at the charger terminal blocks. • Lack of current indicates a tripped or otherwise failed circuit breaker in the service panel. Reset or replace the breaker in the service panel as needed. • Presence of current indicates a component failure within the EVSE. Contact JuiceBar for service
The LED lights illuminate but remain solid red when a vehicle is not connected to the EVSE.	Presence of continually red LED indicator lights signifies a component fault or failure.	• Reset the charger by toggling the breaker in the service panel. • Contact JuiceBar for service if the condition persists.
The LED indicator lights do not turn solid yellow when a vehicle is connected.	The connector may not be fully inserted and latched into the vehicle charging port, preventing the session from commencing.	• Remove the connector from the vehicle charging port. • Confirm there is no obstruction within, or damage to, the connector or vehicle charging port. • If clear, firmly reinsert the connector until the latch engages with an audible click.
The LED indicator lights do not turn from solid yellow to solid blue with a networked charger.	The charger may have lost connection to the network or the user may not have valid user credentials to commence the charging session.	Contact JuiceBar or the local charging system administrator to confirm the charger is online and validate the user's credentials.
The LED lights turn solid red while a vehicle is charging.	Red LED indicator lights during a charging session may indicate a problem with the vehicle's charging system, the charger connector, or the charger cord	• Disconnect the vehicle and wait a few moments for the LED lights to turn to solid green. • Confirm there is no damage to the charging connector or cord and attempt to initiate a session with another vehicle or a J1772 test Unit

TROUBLESHOOTING (continued)

Condition Presented	Possible Cause	Action
The JuiceBar Gen 3 front door will not open.	Wrong key is inserted in the lock	Confirm the correct key is inserted in the lock.
	The charger door locks may still be engaged.	Confirm the outer door locks have been removed and that the inner cam locks have been sufficiently rotated counter-clockwise to disengage the latch.
The JuiceBar Gen 3 front door will not open.	The charger door locks may be frozen.	Heat up lock
	The charger door seal may be frozen.	Gently pull on the lower corner of the door to see if you can loosen the frozen seal.
The connector will not disengage from vehicle charging port.	Many vehicles are equipped with a connector locking mechanism to prevent the cord from being withdrawn. This mechanism may be preventing release of the connector latch.	• Lock and then unlock the vehicle doors. • If the connector remains latched, consult the vehicle owner's manual for information on the connector operating instructions.
The cord retraction tether will not recoil.	The cord retraction system is intended to enable slack on the charger cord via a ratcheting mechanism. This mechanism releases the catch once pulled a few inches.	• Pull the cord tether out of the retractor body a few inches. If the line carries tension the mechanism will automatically release. • Please contact JuiceBar if the line does not carry tension; the retractor assembly may require service.
The EVSE is unable to connect to a network.	The EVSE relies on internet connectivity. Connectivity can be provided by cellular network or ethernet	• Open the EVSE and check the antennas to make sure they are attached appropriately and the antenna cables are neither crimped nor broken. • Confirm the network license for the charger is active. • Verify the cellular signal strength in the area of installation for the appropriate network cellular carrier.

TROUBLESHOOTING (continued)

Condition Presented	Possible Cause	Action
The front vertical LED lighting strip does not illuminate.	The LED lighting strip is rated for an excess of 50,000 hours of continual use. Use in excess of the serviceable life, or damage to the wiring harness, may result in malfunction or premature failure.	• Open front door and check that the front panel connector cables are properly plugged in and neither crimped nor broken. • Note: the failure of the LED lighting strip does not impact the operation of the EVSE. • Contact JuiceBar for a replacement component.
The connector does not fit back into the holster	There may be an obstruction in the holster or in the catch for the retractor latch.	• Ensure the connector is aligned so the guide at the bottom of the connector enters the slot in the holster. • Check the connector and holster for obstructions such as compacted ice, snow, or dirt.
The RFID reader will not detect that a RFID card is present.	The RFID sensor function relies on the integrity of the internal wiring harness and proper charger configuration settings.	• Open the EVSE and make sure the RFID sensor on the reverse side of the door is properly plugged in and that no cables are broken. • Contact JuiceBar to confirm the RFID sensor settings on the charger.
The QR code will not scan.	The QR code is a visual representation of the charger ID. It is recognizable only in the associated network portal.	• Ensure you are scanning the QR code with the mobile application for the associated charging network. • Check the QR code label for deterioration. Contact JuiceBar for a replacement label if damage or wear is present.

REPAIR INFORMATION:

860-308-2054

Support@JuiceBarEV.com

SAFETY INFORMATION: MAINTENANCE & REPAIRS

WARNING: To reduce the risk of electrical shock or equipment damage, exercise caution before servicing or cleaning the EVSE and the charger connector cable.

- Turn off the JuiceBar Gen 3 at the circuit breaker before servicing
- Clean the JuiceBar Gen 3 using a soft cloth lightly moistened with a mild detergent solution. Never use any type of abrasive pad, scouring powder, or flammable solvents such as alcohol or benzene.
- Inspection and maintenance of the Gen 3 should be performed by a licensed electrician.

AVERTISSEMENT: Pour réduire le risque d'électrocution ou de détérioration du matériel, faire preuve de prudence avant de procéder à l'entretien ou le nettoyage de l'appareil, et l'accusation EV câble de connecteur.

1. Éteindre la station de charge au niveau du disjoncteur avant le nettoyage ou l'entretien.
2. Nettoyage de la station de charge en utilisant un chiffon doux légèrement humidifié avec un détergent doux solution. Ne jamais utiliser d'autre type de tissus abrasifs, de poudre décapante ou solvants inflammables tels que de l'alcool ou le benzène.
3. Pour l'inspection de l'appareil, veuillez contacter un électricien agréé.

GENERAL INFORMATION

Maintenance Requirements

The JuiceBar Gen 3 chargers do not require periodic maintenance other than occasional cleaning and inspection.

Check the following functions and components upon inspection:

- Confirm there are no signs of damage or tampering with the EVSE
- Confirm the charging cables & connectors are intact and in good condition
- Ensure the cord management system is able to extend and fully retract (if charger has a cord management system)
- Reset the charger and confirm all indicator lights are illuminating

Repairs

No serviceable parts inside. The internal components are not intended to be modified or replaced by the end user unless otherwise specified in a factory-provided repair kit.

Improper installation, modification, unauthorized repair, misuse, and/or attachment of unauthorized accessories may cause safety risks and void the manufacturer's warranty.

Please contact JuiceBar for all technical support, service and warranty claims by calling 860-308-2054 or sending an email to **support@JuiceBarEV.com**. Please have the Charger's serial number available.

CONTACT INFORMATION

Contact JuiceBar for customer support, technical support, sales and warranty claims.

12 South Main Street Norwalk, CT 06854

860-308-2054

support@JuiceBarEV.com

Please have the model & serial number available when contacting us regarding your JuiceBar Gen 3 Charging Station.

VISIT OUR WEBSITE FOR FURTHER INFORMATION

JuiceBarEV.com

Designed, Engineered and Assembled in the USA

STANDARD WARRANTY

STANDARD LIMITED PRODUCT WARRANTY
JuiceBar Gen 3 EV Charging Station
Electric Vehicle Supply Equipment with 3 Year Warranty
for Charger Core Components and
1 Year Warranty for All Other Parts
Model Numbers: JB3.0-401; JB3.0-402;
JB3.0-501; JB3.0-502; JB3.0-801

OUR PROMISE

This Limited Product Warranty (the "Warranty") applies to you, the Purchaser or Lessee of a Juice Bar model listed above (the "Charging Station") manufactured by Oasis Charger Corporation, the manufacturer of the Charging Station ("Oasis"). This Warranty is not transferrable.

Subject to the exclusions set out below, Oasis warrants that your Charging Station will be free from any defects in materials or workmanship for a limited period from the date of delivery to you (the "Warranty Period"). The Warranty Period shall be three (3) years for the charger components and one (1) year for all other parts.

If, during the Warranty Period, your Charging Station becomes defective in breach of this Warranty, Oasis will, upon receipt of a written notice of a defect received during the Warranty Period, either repair the Charging Station or replace the defective part or parts, at its option. This Warranty covers parts and factory labor necessary to repair or replace your Charging Station.

PROCESSING CLAIMS UNDER THIS WARRANTY

Notification In order to make a claim for repair or replacement under this Warranty, the Purchaser or Lessee shall notify Oasis Technical Support at 860-308-2054 or by emailing Oasis at CustomerCare@JuiceBarEV.com. Notification must be made within 10 business days of when the Purchaser or Lessee becomes aware of a potential defect that may require repair or replacement and must include the information called for in "Conditions of Warranty" below.

STANDARD WARRANTY (continued)

Location of Servicing Upon receipt of a claim for coverage under this Warranty, Oasis will determine in its discretion:

1. Whether service can be performed with local authorized contractors with phone support from Oasis technicians,

2. Whether Oasis personnel or designated contractors should perform service on site, or

3. Whether the potentially defective part or Charging Station must be returned to Oasis for examination and service.

In the event Oasis determines that its personnel or designated contractors must travel to perform service on site, Purchaser or Lessee acknowledge and agree that (i) this Warranty does not include the cost of such labor or any travel expenses incurred in repairing the defective Charging Station, (ii) Purchaser or Lessee will advise Oasis promptly following notification whether they approve of such service by Oasis personnel or designated contractors, and (iii) Purchaser or Lessee will reimburse Oasis for such labor and/or travel expenses or pay designated contractors directly.

In the event return is required, or Purchaser or Lessee declines to reimburse Oasis for such expenses, Oasis will send Purchaser or Lessee a Returned Material Authorization number ("RMA") and Purchaser or Lessee must ship the part or Charger with the RMA to Oasis in a shipping container designed to avoid damage. If a Purchaser or Lessee ships a part or Charger to Oasis it must insure the shipment and shall be responsible for all loss or damage that may occur in transit.

Covered Claims If after conferring with Purchaser or Lessee or upon examination of the defective components or Charger Station, Oasis determines that the conditions of the Warranty specified below have been met, Oasis will either repair or replace the components or Station at no charge to Purchaser or Lessee and will ship the repaired or replacement components or Station to Purchaser or Lessee at Oasis' expense. Notwithstanding the foregoing, Oasis may in its discretion elect to ship a replacement component to Purchaser or Lessee prior to receipt or examination of the defective components or Station, provided that Purchaser or Lessee shall nevertheless return the components to Oasis. Failure to return a defective component or Station within ten (10) business days of receiving a replacement component shall result in an invoice to and payment by Purchaser or Lessee for the cost of such component or Station.

STANDARD WARRANTY (continued)

Uncovered Claims If after examination of the defective components or Charger Station, Oasis determines that one or more of the other conditions of this Warranty specified below have not been met, including that such components or Station have or has been damaged by abuse or neglect, Oasis will notify the Purchaser or Lessee that the components or Station cannot be repaired or replaced by Oasis at no charge. Purchaser or Lessee will be advised of the cost of repair or replacement as well as shipping and handling and may, in its discretion, advise Oasis of whether it elects to have Oasis undertake such repair or replacement at the cost of the Purchaser or Lessee. In the event Oasis has elected to ship a replacement component prior to such examination and Oasis concludes that one or more of the conditions of this Warranty have not been met, Oasis shall bill Purchaser or Lessee for such replacement component.

CONDITIONS OF WARRANTY

In order to obtain service under this Warranty, the Purchaser or Lessee must meet the following conditions:

1. The Purchaser or Lessee has installed and operated the defective Charging Station in compliance with the manual provided by Oasis with the Charging Station.

2. The Purchaser or Lessee has notified Oasis within ten (10) days of discovery of the potential defect.

3. The Purchaser or Lessee provides Oasis with the following information:

    a. Proof of purchase

    b. Model number and serial number of Charging Station

    c. Date of installation

    d. Detailed description of the defect or issues that gave rise to the claim

    e. Date on which Purchaser or Lessee became aware of the potential defect

    f. All operation data including repair and maintenance history including, in the case of repairs and maintenance carried out by Purchaser or Lessee, the name(s) of the companies or individuals that carried out such repairs and maintenance.

Should any of the foregoing conditions not be satisfied, or in the event information or documentation provided by Purchaser or Lessee is materially inaccurate or incomplete, this Warranty shall be void.

STANDARD WARRANTY (continued)

ADDITIONAL SERVICE

In the event (i) the defects occur or are reported outside the Warranty Period, (ii) the conditions for Warranty coverage set out above are not met, or (iii) any service or repairs are not covered or are excluded by this Warranty, repairs or replacement will be carried out only upon the approval of the Purchaser or Lessee at Oasis' then prevailing costs of parts and labor and other applicable charges and Purchaser or Lessee shall pay Oasis for such service or repairs or will pay designated contractors recommended by Oasis and approved by Purchaser or Lessee directly.

REPLACEMENT PARTS

Repair or replacement parts may be new, used, remanufactured or reconditioned, at Oasis' discretion. In the event a Charging Station model is no longer manufactured by Oasis, Oasis may provide a replacement Charging Station with substantially similar functionality. Any replacement parts or Charger Stations provided in connection with repairs or service under the warranty shall become the property of the Purchaser or, in the case of a lease, of the Lessor, while all replaced parts or a replaced Charger Station, whether under warranty or not, shall become the property of Oasis. Any replacement parts or replacement Charging Stations will enjoy the benefits of this Warranty for the remainder of the original Warranty Period.

EXCLUSIONS FROM WARRANTY

IMPORTANT: The Warranty on your Charging Stations shall not apply to defects or service repairs resulting from the following:

1. Improper site preparation, repair or maintenance (other than by Oasis personnel or contractors operating under Oasis supervision), improper installation, cosmetic damage such as scratches, rust, dents, and normal aging.

2. Lack of scheduled preventive maintenance as instructed in the Oasis Manual for the respective model of Charging Station.

3. Abuse, vandalism, damage, sabotage or other problems caused by accidents, misuse or negligence (including but not limited to physical damage from being struck by a vehicle) or use of the Charging Stations in a way other than as specified in the applicable Oasis documentation.

STANDARD WARRANTY (continued)

4. Installation, alteration, disassembly, modification or relocation of the Charging Stations that was not approved in writing by Oasis or performed by Oasis or by an approved contractor.

5. Improper or unauthorized connections with peripherals or use with software, interfacing, parts or supplies not authorized by Oasis.

6. Damage as a result of extreme power surge, external electrical faults, extreme electromagnetic field, flood lightning strike or any acts of nature or disasters beyond the control of Oasis or component manufacturers.

7. Software, firmware or hardware upgrades/updates that may be required due to new vehicle models being introduced to the market or changes in industry standards.

8. Accidents including damage by moving vehicles such as cars, plows, trucks, pavers, mowers, or other motorized vehicles.

9. Modifications not approved in writing by Oasis.

10. Any causes other than a defect in manufacturing that renders any of the following components, which may carry standard OEM warranties, inoperable:

a. The charging connector, cable and socket

b. Consumables such as fuses

c. Accessory equipment such as cellular modem, credit card reader or EVSE network hardware modules.

IN ADDITION: The Warranty on your Charging Stations shall not apply if the original identification markings (for example, serial numbers and trademarks) have been defaced, altered or removed.

LIMITATIONS ON WARRANTY AND LIABILITY

NO AGENT OF OASIS IS AUTHORIZED TO ALTER OR EXCEED THE WARRANTY OBLIGATIONS OF OASIS SPECIFIED IN THIS WARRANTY. THE REMEDIES IN THIS LIMITED PRODUCT WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES OF A PURCHASER OR LESSEE OF A CHARGING STATION. OASIS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES OTHER THAN THOSE SET OUT IN THIS WARRANTY. ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF DESIGN, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE (EVEN IF OASIS HAS BEEN INFORMED OF SUCH

STANDARD WARRANTY (continued)

PURPOSE) OR AGAINST INFRINGEMENT, ARE EXCLUDED TO THE EXTENT PERMITTED BY LAW. IF ANY IMPLIED WARRANTY CANNOT BE DISCLAIMED UNDER APPLICABLE LAW, SUCH IMPLIED WARRANTY SHALL BE LIMITED IN DURATION TO THE WARRANTY PERIOD DESCRIBED ABOVE. NO WARRANTIES APPLY AFTER EXPIRATION OF THE WARRANTY PERIOD. OASIS IS NOT LIABLE FOR ANY DIRECT OR INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS, LOST SAVINGS, LOST BUSINESS, LOST DATA, LOSS OF USE, OR COST OF COVER INCURRED BY YOU ARISING OUT OF OR RELATED TO YOUR PURCHASE OR USE OF, OR INABILITY TO USE, THE CHARGING STATIONS, UNDER ANY THEORY OF LIABILITY, WHETHER IN AN ACTION IN CONTRACT, STRICT LIABILITY, TORT (INCLUDING NEGLIGENCE) OR OTHER LEGAL OR EQUITABLE THEORY, INCLUDING SPECIAL, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES EVEN IF OASIS KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES. IN ANY EVENT, THE CUMULATIVE LIABILITY OF OASIS FOR ALL CLAIMS WHATSOEVER BY A PURCHASER OR LESSEE OR A THIRD PARTY LICENSEE OR INVITEE OF A PURCHASER OR LESSEE RELATED TO THE CHARGING STATIONS WILL NOT EXCEED THE PRICE PAID BY SUCH PURCHASER OR LESSEE FOR THE CHARGING STATION. THE LIMITATIONS SET FORTH IN THIS WARRANTY ARE INTENDED TO LIMIT THE LIABILITY OF OASIS AND SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

Some states or jurisdictions do not allow the exclusion of express or implied warranties or limitations on how long an implied warranty lasts. Accordingly, the above limitation may not apply to you. This Warranty gives you specific legal rights and you may have other remedies not specified here.

ADDITIONAL INFORMATION

This Warranty shall be governed by and construed in accordance with the laws of the State of New York, without regards to its conflicts of law principles. The U.N. Convention on Contracts for the International Sale of Goods shall not apply. This Warranty is the entire and exclusive agreement between a Purchaser or Lessee and Oasis with respect to its subject matter, and any modification or waiver of any provision of this statement is not effective unless expressly set forth in writing by an authorized representative of Oasis.

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