



GRIZZLE[™] EV charger

User Manual
& Installation Guide

Model Numbers:

GR1-6-18-XX GR1-6-24-XX

GR1-14-18-XX GR1-14-24-XX



Grizzl-E Manual v. 5.0

Model Numbers:

GR1-6-18-XX

GR1-6-24-XX

GR1-14-18-XX

GR1-14-24-XX



IMPORTANT SAFETY INSTRUCTIONS

This document contains instructions and warnings that must be followed when installing and using the Electric Vehicle Supply Equipment (EVSE). Before installing or using the EVSE, read this entire document as well as WARNING and CAUTION markings in this document.

The symbols used have the following meaning:



Warning: risk of personal injury



Warning: risk of fire



Warning: risk of electric shock



Caution: risk of damage to the equipment

- The charging station must be installed, adjusted, and repaired only by a licensed electrician.
- Make sure that the materials used, and the installation procedures follow local building codes and safety standards.
- The information provided in this manual in no way exempts the user of responsibility to follow all applicable codes or safety standards.
- This document provides instructions for the charging station and should not be used for any other product. Before installation or use of this product, review this manual carefully and consult with a licensed contractor, licensed electrician, or trained installation expert to make sure of compliance with local building codes and safety standards.
- **CAUTION:** To reduce the risk of fire, connect only to a circuit provided with the minimum branch circuit overcurrent protection requirements in accordance with the National Electrical Code, ANSI/NFPA 70, and the Canadian Electrical Safety Code, Part I, C22.1.

Repair and Maintenance Clause

- All United Chargers products do not require routine maintenance however, periodic inspections should be conducted to ensure that all parts remain in good working order and no damage exists. Do not attempt to open, disassemble, repair, tamper with, or modify any components of the products – the products are not user serviceable. Contact United Chargers for any repairs.
- Only licensed electricians can repair or maintain the charging station. It is forbidden for general users to repair or maintain it. Turn off input power before performing any repairs or maintenance to the charging station.

FCC Declaration of Conformity

- This charging station complies with part 15 of the FCC Rules. Changes or modifications the charging station not expressly approved by the manufacturer could void FCC compliance.

- Operation is subject to the following two conditions: (1) This charging station may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

OVERALL WARNINGS & CAUTIONS



Warning: risk of electric shock

Basic precautions should always be followed when using electrical products, including the following:

- Read all the instructions before using this product.
- This device should be supervised when used around children.
- Do not put fingers into the EV connector.
- Do not use this product if the flexible power cord or EV cable is ragged, has broken insulation, or any other signs of damage.
- Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.
- Improper connection of the equipment grounding conductor can 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.
- Do not touch live electrical parts.
- Incorrect connections may cause electric shock.

WARNING: This equipment is intended only for charging vehicles that do not require ventilation during charging. Please refer to your vehicle's owner's manual to determine ventilation requirements.



PRODUCT FEATURES

United Chargers GRIZZL-E™ Electric Vehicle Charging Station (EVSE)

- J1772 AC Level 2 (208-240 VAC), 40A Continuous Rated (9.6 kW)
- Adjustable Maximum Current Output (40A, 32A, 24A, 16A) to Support Multiple Circuit Ratings (50A, 40A, 30A, 20A)

- **Extreme Duty, Rigid & Compact Design:**

EVSE form factor smaller than a standard sheet of letter-size paper

- **Robust Construction, designed for Outdoor Use:**

Robust and heavy duty aluminum cast case; airtight enclosure for indoor or outdoor use.

- **Simple Operation:**

No user interface required with EVSE, simply Plug-in to your EV to initiate charging

- **Cable & Connector Management:**

EasyEvPlug™ with cable Management System.

- **Portable:**

Standard NEMA 6-50 (Models GR1-6-18-XX and GR1-6-24-XX)

or NEMA 14-50 (Models GR1-14-18-XX and GR1-14-24-XX)

Plug-in Configuration for easy portability depending on model.

- **Simple, Flexible Mounting Options:**

Wall Mount with security features (including single stud mount), Pedestal, Bollard/Pole (Single & Dual Port) available from United Chargers.

- UL certified components.

Adjustable Maximum Current Output to Support Multiple Circuit Ratings

The GRIZZL-E™ charging station product features the ability to adjust the maximum Charging Station current output to allow the use of a 50A, 40A, 30A, or 20A Dedicated Circuit as follows:

50A Circuit Rating:	To support 40A (9.6 kW) maximum Charging Station output
40A Circuit Rating:	To support 32A (7.68 kW) maximum Charging Station output
30A Circuit Rating:	To support 24A (5.76 kW) maximum Charging Station output
20A Circuit Rating:	To support 16A (3.84 kW) maximum Charging Station output

Notes on Circuit Requirements and Amperage settings:

- The Charging Station Default Factory Maximum Current Output Setting is 40A (9.6 kW) for use with a 50A Circuit Rating – Please refer to Adjusting Maximum Current Output on page 12 when using a 40A or 30A or 20A Circuit Rating.



- To obtain the fastest charging capability of 40A, a 50A Circuit Rating must be used.
- The Circuit must be a DEDICATED CIRCUIT 208-240 VAC, 50-60 Hz, Single Phase.
- Per only 80% of the circuit rated load may be utilized, hence the higher Circuit Ratings Requirement relative to maximum Charging Station output.

The ability to utilize alternate circuit ratings can be beneficial in the instance the location of installation cannot support a 50A circuit, or in instance where an existing 40A or 30A or 20A dedicated circuit is already installed.

Security and Tamper Feature

In addition to the pin that secures the GRIZZL-E™ charging station to the wall mount bracket (Refer to Section 2.3, Paragraph 3., Installing the Charging Station), if desired, a feature is included as part of the charging station and wall mount bracket to replace provided pin with the coupler lock with the minimum parameters:

Length: 90mm, Diameter: 7mm

for added security and tamper benefits.

Self-Monitoring and Recovery | Power Outage Recovery

When a charging session is interrupted due to a temporary error condition, the charging station will automatically restart charging when the cause of the temporary error condition returns to normal. The status indicator lights remain flashing RED until the error condition is resolved.

- Temporary error condition include: Overcurrent, Overvoltage, Undervoltage, Missing diode, Ground fault and Over Temperature.
- For Over Current (OC) conditions: The charging session will be stopped while OC occurs. After recovery from OC for 30 seconds, the charging station will automatically restart charging for 4 times.
- When charging session stopped due to Ground Fault (GFCI) trip, the charging station will try to restart after 15 minutes for 4 times. After 4 times, the charging station buzzer will stay on continuously, and status indicator will stay RED. The user should plug-out and plug-in the power cable of the charging station.

PRODUCT SPECIFICATIONS

United Chargers GRIZZL-E™ Electric Vehicle Charging Station (EVSE)

Description	Specifications
Model Numbers	<p>GR1-6-18-XX: GRIZZL-E™ EVSE, 18 ft. J1772 Cordset, Plug-in: NEMA 6-50 Plug</p> <p>GR1-6-24-XX: GRIZZL-E™ EVSE, 24 ft. J1772 Cordset, Plug-in: NEMA 6-50 Plug</p> <p>GR1-14-18-XX: GRIZZL-E™ EVSE, 18 ft. J1772 Cordset, Plug-in: NEMA 14-50 Plug</p> <p>GR1-14-24-XX: GRIZZL-E™ EVSE, 24 ft. J1772 Cordset, Plug-in: NEMA 14-50 Plug</p>
Connector / EVSE Level	SAE J1772; AC Level 2
Max Output Rating	40A; 9.6 kW Maximum Output – For use with 50A Circuit Rating
Alternate Adjustable Output Ratings	<p>32A; 7.68 kW Maximum Output – For use with 40A Circuit Rating</p> <p>24A; 5.76 kW Maximum Output – For use with 30A Circuit Rating</p> <p>16A; 3.84 kW Maximum Output – For use with 20A Circuit Rating</p>
Charge Cable Lengths	<p>18 ft. (5.5m) for GR1-6-18-XX and GR1-14-18-XX</p> <p>24 ft. (7.2m) for GR1-6-24-XX and GR1-14-24-XX</p>
Electrical Circuit / Input Power Requirements	<p>Circuit Requirement: Dedicated Single Phase 208-240VAC, 50/60 Hz.;</p> <p>Branch Breaker: Double pole;</p> <p>Circuit Conductors: Line 1, Line 2, Earth / Ground</p>
Input Power Connection	<p>Standard: Plug-in, NEMA 6-50 or NEMA 14-50 Plug.</p> <p>Plug is removable for Hardwire Connection.</p>
Charging Station Color	Standard: Black
Installation Rating	NEMA 4, Indoor/Outdoor Rated
Operational Ratings	Temperature: -22°F to 122°F (-30°C to 50°C); Humidity: 95% RH non-condensing
Mounting	Wall or Pedestal Installation
Overall Dimensions	EVSE: 10.25 x 6.25 x 3.75 inches (26.0 x 16.0 x 9.3 cm)
Display & Indicators	LED Charge Status Indicators (Power/Ready, Charging, Fault)



Cable Management EasyEvPlug™ with cable management

Standards & Compliance UL certified components



INSTRUCTIONS MANUAL

United Chargers GRIZZLE-E™ Electric Vehicle Charging Station (EVSE)

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1. INTRODUCTION & UNPACKING

This user manual applies to the GRIZZLE-E™ EVSE for Plug-in Hybrid Electric Vehicles (PHEVs) and Electric Vehicles (EVs).

1.1 Unpacking

Unpackage all items and confirm the contents as noted below.

PLEASE NOTE:

The Mounting Fasteners for both the Charging Station Mounting Bracket and Connector & Cable Holder are packed inside transparent plastic bags.



1



2



3

Description

1 Charging Station with input and output cable

2 Accessories

- mounting bracket
- screws (4) to mount bracket
- security pin (1)
- Robertson head screws (2)
- User Manual

3 Holder

- EasyEvPlug™
- Philips head screws (4) to mount and anchors(4)

2. INSTALLATION

2.1 Before Installation

2.1.1 Installation Planning & Service Wiring



Warning: risk of electric shock

- Do not touch live electrical parts.
- Incorrect connections may cause electric shock.
- Disconnect the power supply to the charging station and verify no power is present before installing, adjusting, or repairing the charging station. Failure to do so may result in physical injury or damage to the power supply system and the charging station.

The charging station must be installed only by a licensed electrician in accordance with the provisions of the local electrical industry construction and should comply with national electrical codes and standards.

Before installing the charging station, make sure you have read these instructions in this manual and fully understand its contents.

Appropriate protection is required when connecting to a main panel/switchboard. The tools and parts used as outlined in the section “Tools & parts required for installation”.

Prior to mounting, determine location of an acceptable mounting support. All charging station products must be anchored into a mounting support such as a 2” x 4” stud or a solid concrete wall, using mounting hardware that is appropriate for the surface on which you are mounting. DO NOT mount this unit directly to a stucco/drywall/wall board. If installing to a wood stud, use the lag screws provided and ensure the mounting plate is positioned on the centerline of the stud. If mounting onto a concrete, block, or brick wall, use an appropriate anchor for the type of wall on which you are installing the unit.

Prior to mounting, locate an available electrical source that can support the following Input Requirements for the Charging Station Per local Electrical Safety Code requirements:

- 40A Maximum Output Setting (Default Factory Setting): a DEDICATED CIRCUIT rated for 50A; 208-240 VAC, 50-60 Hz, Single Phase must be used.
- 32A Maximum Output Setting (Optional Setting): a DEDICATED CIRCUIT rated for 40A; 208-240 VAC, 50-60 Hz, Single Phase must be used.
- 24A Maximum Output Setting (Optional Setting): a DEDICATED CIRCUIT rated for 30A; 208-240 VAC, 50-60 Hz, Single Phase must be used.
- 16A Maximum Output Setting (Optional Setting): a DEDICATED CIRCUIT rated for 20A; 208-240 VAC, 50-60 Hz, Single Phase must be used.

Note: Please refer to Adjusting Maximum Current Output on page 12.

- Additionally, a Double Pole Circuit Breaker of the circuit rating must be used. The Charging Unit has a built in GFCI protection; do not provide any additional GFCI protection upstream of the charging unit.
- The Charging Stations can connect (plug into) a Standard NEMA 6-50 or 14-50 Receptacle or the unit can be hardwired



Caution:

The service wiring in this section are specific to North America only. Before installing the Charging Station, identify the type of utility service connection available onsite. If you are unsure about the type of connection available at the service panel, contact your utility service provider.

2.1.2 Grounding Instructions

The charging station must be implemented equipment grounding through a permanent wiring system or an equipment grounding conductor. Use a cable with a dedicated grounding conductor connected to the equipment ground terminal block.

2.1.3 Adjusting the Charging Station Maximum Current Output Setting (Optional)



Warning: risk of electric shock

- Do not touch live electrical parts.
- Incorrect connections may cause electric shock.
- Disconnect the power supply to the charging station and verify no power is present before installing, adjusting, or repairing the charging station. Failure to do so may result in physical injury or damage to the power supply system and the charging station.
- Electrical Power MUST remain OFF and DISCONNECTED before setting or changing the DIP switch. A non-conductive object MUST be used to adjust the DIP switch settings, failure to do so may result in risk of electrical shock and damage to the equipment.

The GRIZZLE™ charging station product features the ability to adjust the maximum Charging Station current output to allow the use of a 50A, 40, 30A, or 20A Dedicated Circuit as follows:

50A Circuit Rating: To support 40A (9.6 kW) maximum Charging Station output

40A Circuit Rating: To support 32A (7.68 kW) maximum Charging Station output

30A Circuit Rating: To support 24A (5.76 kW) maximum Charging Station output

20A Circuit Rating: To support 16A (3.84 kW) maximum Charging Station output

The Charging Station Default Factory Maximum Current Output Setting is 40A (9.6 kW) for use with a 50A Circuit Rating. To adjust the Maximum Current Output Setting when using a 40A or 30A or 20A Circuit Rating:

1. Place the Charging Station on a flat surface, front cover up.
2. Remove the Charging Station front cover by loosening the (4) Cap screws at each corner of the charging station.



Figure 2-1. Four screws locations to remove the Charging Station Cover.



Caution:

The LED pipe is attached to the charging station front cover. When front cover is removed, place the front cover on the surface with front cover down and LED pipe up. Placing front cover on LED pipe might damage or break LED pipe.

3. With the front cover placed to the side, locate the DIP switch on the charging station circuit board. The DIP switch is a 3-position switch on the main circuit board, located directly to the left of the LED.

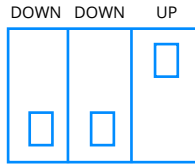


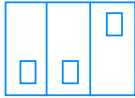
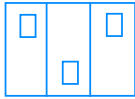
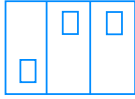
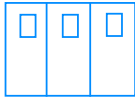
Figure 2-2. 3-Position DIP Switch



Warning: risk of electric shock

- Do not touch live electrical parts.
- Incorrect connections may cause electric shock.
- Disconnect the power supply to the charging station and verify no power is present before installing, adjusting, or repairing the charging station. Failure to do so may result in physical injury or damage to the power supply system and the charging station.
- Electrical Power MUST remain OFF and DISCONNECTED before setting or changing the DIP switch. A non-conductive object MUST be used to adjust the DIP switch settings, failure to do so may result in risk of electrical shock and damage to the equipment.

4. To Adjust the Maximum Current Output to either 32A or 24A or 16A, use a non-conductive object to adjust the DIP switch settings as follows

Maximum Current Output	DIP 3	DIP 2	DIP 1	DIP Switch Setting (Picture)
40A Maximum Current Output (Factory Default Setting)	DOWN	DOWN	UP	
32A Maximum Current Output	UP	DOWN	UP	
24A Maximum Current Output	DOWN	UP	UP	
16A Maximum Current Output	UP	UP	UP	

5. Once the DIP Switch Setting is adjusted, reassemble the charging station. Reinstall the top cover to the charging station using the following torque force to secure the (4) socket cap screw:

Screw	Torque
M6	16 kgf-cm 13.88 lb-in

2.1.4 Calibrating the Grizzl-e unit (Optional)



Warning: Do not touch live electrical parts.

- Incorrect connections may cause electric shock.
- Disconnect the power supply to the charging station and verify no power is present before installing, adjusting, or repairing the charging station. Failure to do so may result in physical injury or damage to the power supply system and the charging station.
- Electrical Power MUST remain OFF and DISCONNECTED before setting or changing the DIP switch. A non-conductive object MUST be used to adjust the DIP switch settings, failure to do so may result in risk of electrical shock and damage to the equipment.

Note:

Follow the user manual for disassembling the top lid of the charger (Section 2.1.3). Calibration should be done before adjusting the charging station's maximum current output settings (given in section 2.1.3 of instruction manual)

Calibration Steps:

1. To Calibrate the Grizzl-E unit please, use a non-conductive object to adjust the DIP switch settings as follows.

Calibrate the GFCI Offset

UP

DOWN

DOWN

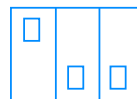


Figure 2-7

2. Close the lid, as instructed in the user manual.
3. Power ON the supply until you see the solid red LED. While calibrating, solid red LED indicates that the calibration is done.
4. Once calibration is done please follow the steps from the user manual to set the maximum current output (given in section 2.1.3 of the user manual).

2.2 Tools & Parts Required for Installation

Table 2-1 Tools & parts required for installation

Tool	Size	Source of Supply	Remark
Mounting Bracket	255 x148 x 36 mm	Included with Product	For installing charging station to the wall/structure
EasyEvPlug™	58 x 58 x 70 mm	Included with Product	To store the EV charging Plug and Cable
Mounting Screw x2	#14	Included with Product	For installing the Mounting Bracket to the wall/structure
Mounting Screw x4	#8	Included with Product	For installing the EasyEvPlug™ to the wall/structure
Anchors x4	#8	Included with Product	For installing the EasyEvPlug™ to the wall/structure
Socket cap screw x4	5/16"	Included with Product	For mounting enclosure plate to the back of the enclosure body
Philips Screwdriver	PH3	Commercially Available	For Holder Installation and Optional Hardwire Install
Allen key	M4	Commercially Available	For Charging Station Cover Screws
Allen key	3/16"	Commercially Available	For installing the enclosure plate to the back of the station body.

2.3 Install the Charging Station

1. Secure back piece of the charging station mounting bracket to the wall or other suitable structure with provided mounting screws. If installing to a wall, ensure the screws are anchored into a suitable wall stud.



Figure 2-8. Mounting bracket

The back piece of the mounting bracket has 3 holes to support attachment to various surfaces. Please use both provided screws to attach the back piece of the mounting bracket to the wall.

Mounting Screw Recommendations:

- For finished walls supported by wood studs, use #14 or M6 tapping screws. (Supplied)
- For masonry walls, use M6 mechanical screws. (Commercially available)
- Use following torque force:

Screw	Torque	
M6	50 kgf-cm	43.4 lb-in
1/4"	50 kgf-cm	43.4 lb-in

2. Attach the front piece of the mounting bracket to the back of the charging station using provided screws.



Figure 2-9. Mounting plate attachment

3. Mount charger on the wall mounting bracket and lock it with the pin



Figure 2-10. Security pin

4. Follow applicable accessibility requirements for the mounting position. The unit shall be mounted at a sufficient height from ground such that the height of the storage means for the coupling device is located between 24 inches (0.6 m) and 48 inches (1.2 m) from the ground.

5. For Plug-in (NEMA 6-50 or 14-50) models, Plug in the power cord to the NEMA 6-50 or 14-50 Wall Outlet/ Receptacle. The NEMA outlet should be located no less than 20~26" from the ground or as defined by applicable, local electrical safety codes and standards.

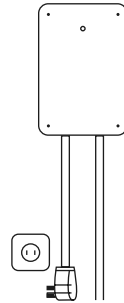


Figure 2-11. Plug in the power cord

2.4 Input Wiring Connection (Optional Hardwire Connection Only)

1. Choose the appropriate conduit in accordance with all applicable, local and electrical safety codes and standards.



Figure 2-12. Conduit.

2. Using the appropriate tool, clamp the wire terminal to the copper wire. For non-insulated terminals, use heat shrink tube to cover the non-insulated portion of the terminal



Figure 2-13. Copper terminal, heat shrink tube and copper wire

3. Connecting the electrical wiring to the charging station.
 - a. Remove the Charging Station front cover by unscrewing screws



Figure 2-14. Four Cap screw locations to remove the Charging Station Cover



Caution:

The LED pipe is attached to the charging station front cover. When front cover is removed, place the front cover on the surface with front cover down and LED pipe up. Placing front cover on LED pipe might damage or break LED pipe.

- b. With the front cover placed to the side, use Philips screwdriver to release terminal screws of the NEMA 6-50 or 14-50 Plug cable. Loosen the Strain Relief Fitting for the NEMA 6-50 or 14-50 Plug and Remove the Plug. Remove the Strain Relief connector.
- c. Insert the wire end passing through the conduit and insert them into the input wiring hole. (Use Red wire for L1, Black wire for L2, Green wire for G). Attach the copper wire on the corresponding terminal block. Use the following wire and torque force when connecting to input terminal block.

Model	Terminal	Conductor	Screw	Rating	Torque
GRIZZL-E™	L1, L2, G	8 AWG	M4	90C, copper wire	16 kgf-cm 13.88 lb-in



Figure 2-15. Input wiring



Caution:

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

Model	Current Setting	Circuit Rating Requirement
GRIZZL-E™	40A	50A
GRIZZL-E™	32A	40A
GRIZZL-E™	24A	30A
GRIZZL-E™	16A	20A

4. Once the input wiring and conduit are connected, reassemble the charging station. Reinstall the charging station front cover using the following torque force to secure the (4) Torx screws:

Screw	Torque
M4	16 kgf-cm 13.88 lb-in

2.5 Install EasyEvPlug™

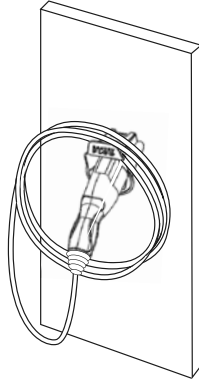


Figure 2-16. EasyEvPlug™









The EasyEvPlug™ can be installed at any location near the charging station. Once the EasyEvPlug™ installation location is determined, secure the holder to the wall with the appropriate screws. EasyEvPlug™ is the new innovative plug holder which protects your plug and has the following features:

- No need to aim – flawless plug even in the dark;
- Your EV holster will be where it is convenient for you and your EV;
- Saves space – special angle for less wall clearance;
- Integrated cable management – holds up to 25 feet of cable;
- Safety – use simple coupler lock to prevent unauthorized use;
- Works with any J1772 EV holster.

3. OPERATIONS

3.1 Charging Status Indicators and Buzzers

Table 3-1 Charging status indicators

LED Indicator	Buzzer	Description	Definition
	No buzzer	Not illuminated	Power Off
	No buzzer	White	Initialization
	No buzzer	Blue Steady	Ready
	No buzzer	Blue Flashing	Vehicle detected
	No buzzer	Green Flashing	Charging in progress
	No buzzer	Green Steady	Charging complete or no current consumed by the car
	Buzzer sounds continuously	Red Steady	Unrecoverable Fault
	Buzzer beeps for 5 times and then stays off	Red Flashing	Recoverable Fault

PLEASE NOTE:

In the instance the “Red Steady” or “Red Flashing” Fault light remains, it is recommended that you:

- Unplug the charging Connector from your EV
- Turn off the power to the Charging Station by switching the upstream circuit breaker to the “OFF” position
- With the circuit breaker in the “OFF” position, wait 1-2 minutes and then switch the upstream circuit breaker back to the “ON” position
- Confirm the Fault light is no longer present. If the Fault light remains, please contact United Chargers.

3.2 CHARGING YOUR ELECTRIC VEHICLE (EV)

3.2.1 Connect and Charge

- Insert the charging Connector into the EV and ensure the connector is fully seated/locked in place.
- Once complete, the charging session will commence.

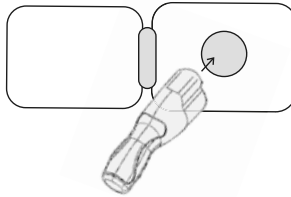


Figure 3-1. Connect the charging plug to the EV

3.2.2 Stop Charging

- Simply unplug the charging station connector from the EV at any time (once the connector button is depressed, the charging session terminates immediately).
- Return the connector to the holder.

3.2.3 Self-Monitoring and Recovery (Auto Restart)

When a charging session is interrupted due to a temporary error condition, the charging station will automatically restart charging when the cause of the temporary error condition returns to normal. The status indicator lights remain flashing RED until the error condition is resolved.

- Temporary error conditions include: Over Current, Under Voltage, Missing Diode, Ground Fault, and Over Temperature.
- For Over Current (OC) conditions: The charging session will be stopped while OC occurs. After recovery from OC for 30 seconds, the charging station will automatically restart charging for four times.
- When charging session stopped due to the Ground Fault (GFCI) trip, the charging station will try to restart after 15 minutes for 4 times. After 4 times, the charging station buzzer will stay on continuously, and status indicator will stay RED. The user should plug-out and plug-in the power cable of the charging station.

3.3 General Product Care and Use Information

The exterior of the charging station is designed to be waterproof and dust proof (NEMA 4 Outdoor Rated). However, periodic cleaning may be required, depending on local conditions. To ensure proper maintenance of the charging station, follow these guidelines:

- To avoid damaging the finish of the products, only use an automotive grade soft cleaning cloth and if required a mild soap and water mixture to remove accumulation of dirt and dust. Do not use cleaning solvents to clean any of the product components. Despite the water resistance of the enclosure, when cleaning it is preferred to not direct streams of water at the unit – clean with a water damp, automotive grade soft cleaning cloth.
- Make sure the charging connector is put back in the holster after charging to avoid damage.
- Ensure the power cable is stored on the charging station after use to avoid damage.
- If the power cable or the charging connector is damaged, turn off the charging station supply circuit breaker, do not use the charging station, and please contact United Chargers Customer Support for replacement parts.
- When moving or lifting the unit, always grasp and carry by the charging station body. Never attempt to lift, move, or carry the unit by any of the electrical cables. Improper handling may cause damage to the unit.



4. WARRANTY

4.1 GRIZZL-E™ EV Residential Charging Stations 3 Years Replacement Warranty

This warranty is extended by United Chargers to original purchasers of GRIZZL-E™ EV Charging Stations for residential use only. United Chargers warrants that this product is free from defects in materials for a period of 3 years and free from defects in workmanship under normal non-commercial use for a period of 3 years and commercial use for a period of 1 year from the date of purchase. Commercial use means station is used by more than one single family residence or drivers. No agent, employee, or representative of United Chargers has any authority to affirm, represent or warrant anything concerning GRIZZL-E™ EV Charging Stations, except for the affirmation and representation which is specifically included within this warranty.

This warranty will not apply if the product has been misused, abused, or altered. Warranty for the cable does not include normal tear and wear, also cables with plugs which have been exposed to snow or water for a prolonged amount of time are not covered by this warranty. The warranty will apply only if the product is defective. United Chargers shall make the final decision, in fairness to all concerned, as to the legitimacy of any such claim on this warranty. Upon discovery of any defective GRIZZL-E™, please contact our Customer Service Department for further instructions as to how to repair or replace the defective unit or log into your account at www.grizzl-e.com and submit support ticket.

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The most up to date and valid information is available at the online version of brochure, located here:

<https://www.grizzl-e.com/downloads/Grizzl-e-Manual.pdf>