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GRIZZL-E DUO CONNECT 40A

EN User Guide





GRIZZL-E DUO CONNECT 40A

USER GUIDE



Manual Revision: 1.0
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Model Numbers:

- GRD-077-W-14-25J40-25N40-A-GB
- GRD-077-W-14-25J40-25N40-A-GW
- GRD-077-W-14-25J40-25J40-A-GB
- GRD-077-W-14-25J40-25J40-A-GW
- GRD-077-W-14-25N40-25N40-A-GB
- GRD-077-W-14-25N40-25N40-A-GW

This manual is for the operation of the Grizzl-E Duo Connect 40A Level 2 EVSE. This document provides instructions for the listed model numbers and should not be used for any other product.

The user assumes full responsibility the safe use of this product. Failure to do so may result in injury or damage. Read all instructions carefully and exercise caution when using the product.

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IMPORTANT SAFETY INSTRUCTIONS

This document contains instructions and warnings that must be followed when installing the Grizzl-E Duo Connect 40A Level 2 Electric Vehicle Supply Equipment (EVSE). Before installing the EVSE, read this document, including any WARNING and CAUTION symbols.

THE SYMBOLS USED HAVE THE FOLLOWING MEANINGS



WARNING: risk of personal injury



WARNING: risk of fire



WARNING: risk of electric shock



CAUTION: risk of damage to equipment

- This document provides instructions for the charging station and should not be used for any other product. Before installation of this product, review this manual carefully and consult with a licensed contractor, licensed electrician, or trained installation expert to ensure compliance with local building codes and safety standards.
- Consult a licensed electrician to ensure that this product can be safely installed.
- Ensure 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 from the responsibility to follow all applicable codes or safety standards.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK

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



Read all the instructions before using this product.



Children should not use this device.



Do not put fingers into the EV connector.



Do not touch live electrical parts.



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.



To avoid a risk of fire or electric shock, do not use this device with an extension cord or electrical adapter.

SAVE THESE INSTRUCTIONS

USER MAINTENANCE INSTRUCTIONS

The Grizzl-E Duo Connect Level 2 EVSE does not require routine maintenance. Check before each charging session to ensure that cables and enclosure remain in good working order and no damage exists.

The exterior of the charging station is designed to be waterproof and dust-proof (UL Type 4 Indoor/Outdoor Rating). However, periodic cleaning may be required.

To ensure proper maintenance of the charging station, follow these guidelines:

- Only use an automotive-grade soft cleaning cloth with soap and water to clean. Do not use cleaning solvents.
- Submerging the unit under water is not recommended.
- Ensure the output cable is stored on the holster after use to avoid damage.

Do not attempt to open, disassemble, repair, tamper with, or modify any components of the products. Contact Technical Support for any repairs.

MOVING, TRANSPORTING, AND STORAGE INSTRUCTIONS

- When moving or lifting the unit, always grasp and carry by the charging station body. Never attempt to carry the unit by any of the electrical cables.
- Store the unit in a dry location, away from standing water.
- Store the unit at a temperature between -30 °C (-22 °F) to 70 °C (158 °F).



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



WARNING: The service wiring in this section is specific to North America. Before installing the charging station, identify the type of utility connection on site. If you are unsure about the available connection on the service panel, contact a licensed electrician.

FCC DECLARATION OF CONFORMITY



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

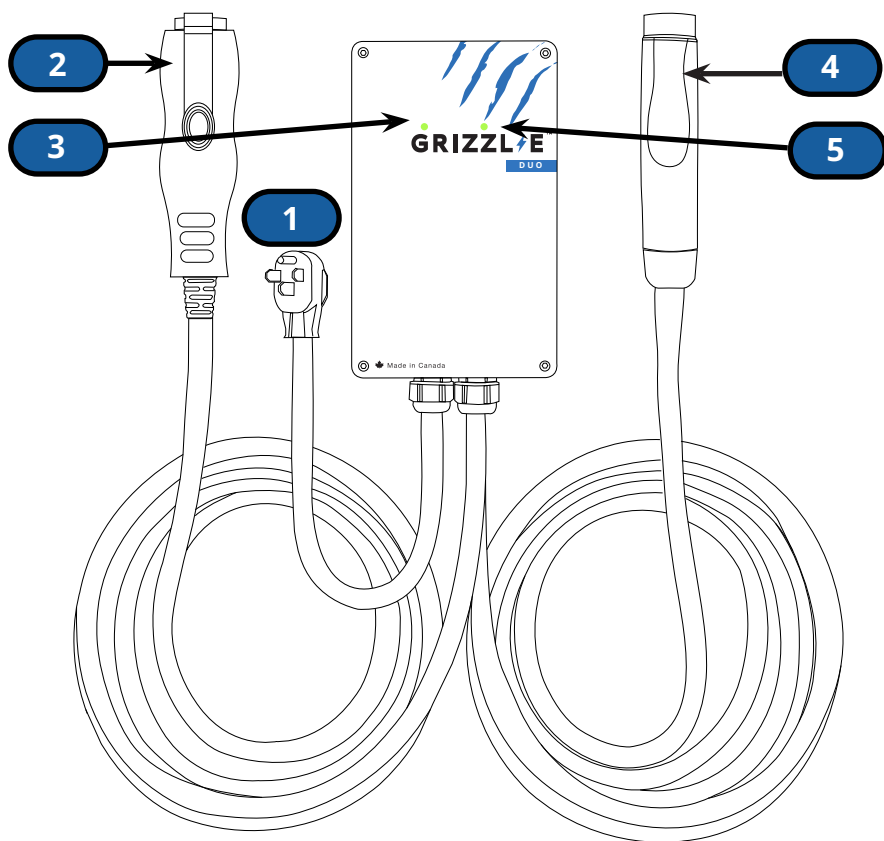
1. This charging station does not cause harmful interference
2. This device accepts any interference received, including interference that may cause undesired operation.

PRODUCT SPECIFICATIONS

Description	Specifications
EVSE Level	AC Level 2
Max Output Rating	40A 9.6 kW Output Single Connector 40A; 9.6 kW Output Dual Connector (20A each connector)
Adjustable Output Ratings	32A; 7.68 kW Maximum Output – For use with 40A Circuit Rating 24A; 5.76 kW Maximum Output – For use with 30A Circuit Rating 16A; 3.84 kW Maximum Output – For use with 20A Circuit Rating
DUAL Charging	Two Charging Connectors; Automatic Power Sharing Algorithm or Manual fixed current to each connector.
Charging Connector	SAE J1772 or NACS
Charge Cable Length	25 ft. (7.6m) x2
Electrical Circuit / Input Power Requirements	Dedicated 208VAC Single Phase or 240VAC Split Phase, 50/60 Hz.; Branch Breaker: Double pole; Circuit Conductors: Line 1, Line 2, Earth/Ground
Input Power Connection	Plug-in NEMA 14-50
Installation Rating	UL Type 4 Indoor/Outdoor Rating Indoor/Outdoor Rated
Operational Ratings	Temperature: -22°F to 122°F (-30°C to 50°C); Humidity: 95% RH non-condensing
Overall Dimensions	EVSE: 10.25 x 6.25 x 3.75 inches (26.0 x 16.0 x 9.3 cm)
Overall Weight	21lbs (9.5kg)
Connectivity	2.4 Ghz Wi-Fi network
Display & Indicators	LED Charge Status Indicators (Power/Ready, Charging, Fault)
Certification	UL Certified. E510712

INTRODUCTION

YOUR CHARGER



Charger Components

1. Plug-in Input Connection NEMA 14-50
2. Output Cable #1 (Front) J1772/NACS
3. Indicator Light - Cable #1(Front)
4. Output Cable #2 (Back) J1772/NACS
5. Indicator Light - Cable #2 (Back)

OPERATING INSTRUCTIONS

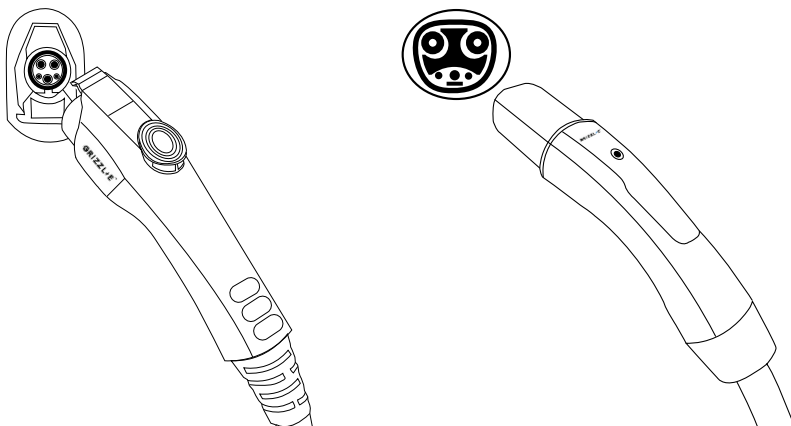
INSERT CONNECTOR

J1772

1. Press down on the latch release button. Ensure the latch release button is fully compressed.
2. Insert the charging connector into the EV and ensure it is fully seated and locked in place.
3. Release the latch release button.

NACS

1. Insert the charging connector into the EV and ensure it is fully seated and locked in place.



DISCONNECT CONNECTOR

J1772

1. Press down on the latch release button. Ensure the latch release button is fully compressed.
2. Remove the Charger Connector from the EV
3. Return the connector to the holster.

NACS

1. Remove the Charger Connector from the EV
2. Return the connector to the holster.



WARNING: DO NOT tamper with the device. No User Serviceable parts inside.

CHARGING STATUS INDICATORS AND BUZZERS

GRIZZL-E DUO TWO INDICATOR LIGHTS



INDICATOR LIGHTS

LED Indicator	Buzzer	Description	Definition
	No buzzer	White Steady	Charging Station Booting Up or Processing Software
	No buzzer	Magenta Steady	Charger Ready Not connected to server
	No buzzer	Blue Steady	Charger Ready Connected to server
	No buzzer	Blue Flashing	Vehicle detected
	No buzzer	Green Flashing	Charging in progress
	No buzzer	Green Steady	Charging complete. Stopped by vehicle
	No buzzer	Yellow Steady	Vehicle not detected. Charging restricted by Smart Features
	No buzzer	Yellow Flashing	Vehicle Detected. Charging restricted by Smart Features
	No buzzer	Green + Yellow Alternating	Charging Not Complete + Charging restricted by Smart Features
	Buzzer beeping	Red Flashing	Fault

LED FAULT INDICATOR

When the charger experiences an error, the red light will flash, and the buzzer will beep a specific number of times. The cycle will pause for 1 second and repeat. The number of red flashes and beeps indicates the type of fault:

LED Indicator	# of Flashes	Error Description
Red Flashing	1	Lost Ground
Red Flashing	2	GFCI High Leakage
Red Flashing	3	Relay Stuck
Red Flashing	4	GFCI Low Leakage
Red Flashing	5	High Temperature of the Module
Red Flashing	7	Pilot Status E or F
Red Flashing	8	Under voltage
Red Flashing	9	Diode error
Red Flashing	10	Over Current
Red Flashing	12	Application Error
Red Flashing	13	GFCI Self-Test Failure
Red Flashing	14	Over voltage

SELF-MONITORING AND RECOVERY (AUTO RESTART)

When a charging session is interrupted due to a temporary error condition, it will automatically restart once the error condition resolves.

- All error conditions can self-recover if the error condition is cleared.
- If the error condition is cleared, the charger will automatically reset. If it is not cleared, the charger will continue to display a RED error light.
- If the error condition occurs within 5 seconds of the start of a charging session, a permanent fault will be triggered.

ERROR TROUBLESHOOTING

If the charger is not able to auto-recover, follow these steps:

1. Unplug the charging connector from the vehicle.
2. Count the number of flashes to identify the error type.
3. Power off the charger by switching the upstream circuit breaker to the "OFF" position.
4. Wait 1-2 minutes. Switch the upstream circuit breaker back to the "ON" position.
5. Confirm the Fault light is no longer present.
6. If the Fault light remains, contact Technical Support.

GRIZZL-E DUO POWER SHARING

AUTOMATIC POWER SHARING ALGORITHM

Grizzl-E Duo features intelligent power sharing to charge two electric vehicles simultaneously.

Grizzl-E Duo's automatic power-sharing algorithm shares amperage between two vehicles in the following manner:

1. If one vehicle is connected, the maximum amperage (up to 40A) is available for this vehicle.
2. If two vehicles are connected, the maximum available amperage is divided evenly between each vehicle (Example: $40A / 2 = 20A$ for each vehicle).

DIP Switch Setting	One Vehicle Max Current	Two Vehicles Each Connector Max Current
40A	40A	20A
32A	32A	16A
24A	24A	12A
16A	16A	8A

MANUAL POWER SHARING

Manual Power sharing allows you to set the available current for each connector.

Manual Mode is a fixed current for each connector.

To manually set power sharing either:

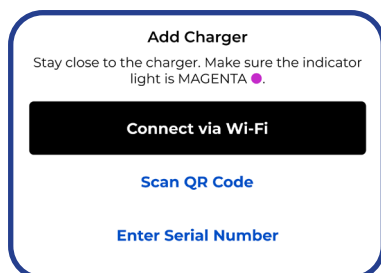
- Connect the station to the [GRIZZL-E Connect App](#) and set current limit to manual.
- [Connect to Local Smart Features](#) and set to Manual Power Sharing

GRIZZL-E CONNECT APP

Grizzl-E Connect is the exclusive app for Grizzl-E OCPP Wi-Fi connected chargers. Control your charging experience with scheduling, electricity rates, charging history, monitoring, and more.

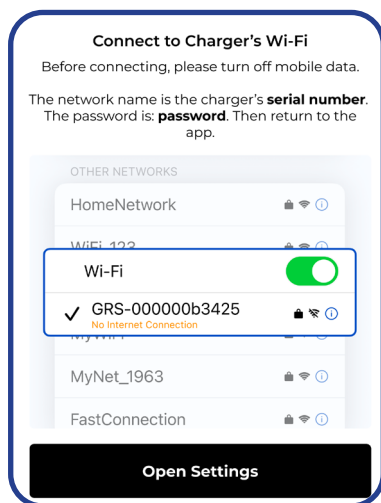
CONNECT VIA WI-FI

1. Open the app and go to the Dashboard. Select the + icon.
2. Select **Connect Via Wi-Fi**



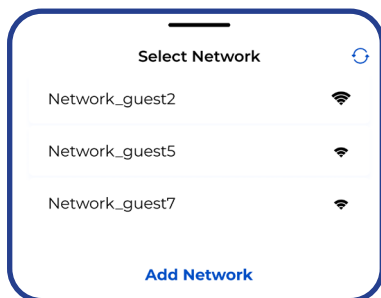
3. Select the **Open Settings** button. This will open your phone's Wi-Fi settings.
4. Select the Wi-Fi network matching your charger's **serial number**. Stay connected to the network even though there is no internet connection.

Note: The charger's Wi-Fi network automatically hides after 15 minutes of inactivity. Power cycle the charger by turning the circuit breaker off and on to reset the charger's Wi-Fi network.

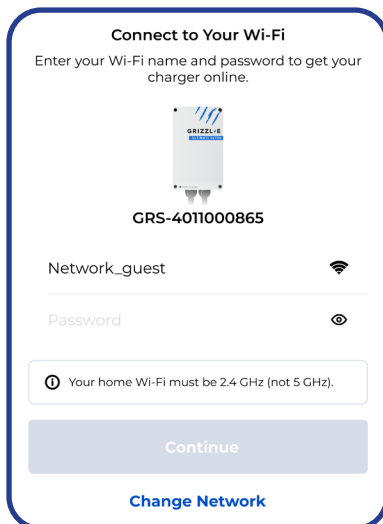


Wait 30 seconds for your device to connect to the charger's Wi-Fi network. Ensure the device remains connected with a check mark next to the network.

5. A list of networks detected by the charger will show. Select your home Wi-Fi network.



6. Enter your Home Wi-Fi password and select **Continue**.



7. Wait for the device to connect. Enter the charger's information and select the **Next** button.

Click the Link to View the
Complete online
[Grizzl-E Connect User Manual](#)

WI-FI TROUBLESHOOTING

Before connecting to the Wi-Fi network, ensure the network meets the necessary requirements:

- ✓ Signal strength of -67 dB or better received by the charger.
- ✓ 2.4 GHz band Wi-Fi Network (Not 5 GHz).

Signal Strength

Ensure a Wi-Fi signal strength greater than -67 RSSI at the charger location.

Check the Wi-Fi signal strength to ensure a quality EV charging experience.

1. Connect to the charger's Wi-Fi Network. The network name is the **serial number**.
2. Open your web browser. Enter the IP address **192.168.4.1** to open the local connection page.
3. In the Setup tab, go to the **WiFi connect configuration** section.
4. Select the **Search** button to show the list of available networks.
5. Check the RSSI value beside the Wi-Fi network name. Ensure it is greater than -67.

Juliang [RSSI:-73] [94:aa:0a:1d:1b:1b]

TP-Link_C576 [RSSI:-54] [0c:80:63:f6:c5:76]

For locations that don't have a sufficiently strong Wi-Fi signal, consider changes to improve signal quality:

1. The simplest solution is to move the Wi-Fi router as close to the EV charger as possible.
2. Wi-Fi repeaters or extenders can boost the signal of existing access points.
3. Multiple access points may be required to provide network coverage.

Password

Ensure the Wi-Fi Password entered matches the Wi-Fi network settings exactly. Grizzl-E will recycle the connection if the password information is incorrect.

The password limit for the Grizzl-E is 38 characters. Grizzl-E will not connect to Wi-Fi networks with passwords longer than this limit.

Special characters in the Wi-Fi password may prevent the charger from connecting.

Hidden Wi-Fi Network

For increased security, the Charger's Wi-Fi network [Serial Number] will display for 15 minutes after the charger is powered on. After 15 minutes, the network will be hidden.

If you do not see the charger's Wi-Fi network, power cycle the charger by turning the circuit breaker off and on to restore the Wi-Fi network.

2.4 GHz band Wi-Fi Network:

Grizzl-E only connects to a 2.4GHz Wi-Fi frequency. Ensure the home Wi-Fi network has a dedicated 2.4GHz Wi-Fi band with its own SSID.

Before connecting Grizzl-E, check the network frequency in network properties on PC or Android.

Options for connecting to a Mesh Network

A mesh network is a Wi-Fi network that uses both 2.4G and 5G bands. Grizzl-E Wi-Fi functionality may encounter errors when connecting to these networks. To resolve issues with mesh networks, try the following:

Split the band on Mesh Network.

1. Consult your Network user manual to identify how to split a second band to 2.4 GHz.
2. Rename the 2.4 GHz band to a different name from the Main Home Network and assign a different password. This will ensure that the charger does not jump between bands.

Create a Guest Network (assigning a single node/pod)

If the Mesh Network does not allow you to create a separate band, create a Guest Network:

1. Consult your Network user manual to identify how to create a guest network.
2. Select the guest network option and assign the individual node/pod closest to the charger as the designated node/pod for the guest network.
3. Assign the guest network to the 2.4 GHz band, and provide it with a different name and password from the Primary home network.

Create a Guest Network (not assigned to any individual Node/Pod)

If unable to assign an individual node/pod to 2.4 GHz, you should still be able to create a separate Guest Network with a separate name and password from the primary home network.

Set the Guest Network to 2.4 GHz.

Once a separate 2.4 GHz band has been created, follow the connection directions in [Connect Via Wi-Fi](#) to connect to the separate Wi-Fi network.

Note: Individual Mesh Networks are different, and not all Mesh Networks will have these options. If your network does not have these options, install a 2.4 GHz WiFi Extender/Booster to connect to the charger to your home network.

LOCAL SMART FEATURES

CONNECT TO LOCAL SMART FEATURES

Local Smart features are available when connected to the charger's Wi-Fi network. Follow the instructions in this section to access and use Local Smart Features:

- Local Wi-Fi Smart features can be accessed by any device that connects to Wi-Fi (Smart Phone, Laptop, Computer).
- The user must be within range of the charger's Wi-Fi network to access Local Smart Features.
- If the charger is connected to Wi-Fi and the Grizzl-E Connect application, Grizzl-E Connect settings will override Local Smart Features.

To Connect to Local Smart Features

1. Connect to the charger's Wi-Fi Network. The network name is the **serial number**. Stay on the network even though there is no internet connection.
2. Open your web browser. Enter the IP address **192.168.4.1** to open the local connection page. Disable cellular data if page will not load.

Note: The charger's Wi-Fi network automatically hides after 15 minutes of inactivity. Power cycle the charger by turning the circuit breaker off and on to reset the charger's Wi-Fi network.

HOME

Power Sharing

Set Grizzl-E Duo Power Sharing Mode to Auto or Manual.

Power Sharing

Power Sharing Mode

Auto ☒ **Manual**

Auto: Grizzl-E Duo will automatically split the available current between the two connectors as described in [Automatic Power Sharing Algorithm](#).

Manual: The user can set the available current for each connector. The current for both connectors must be lower than the Total Max Current determined by the DIP Switch settings. Manual Mode is a fixed current for each connector.

Total Max Current: 40 A

Connector 1

Min: 8 A	Set Current: 24 A	Max: 40 A
----------	-------------------	-----------

Stop Charging ☐

Connector 2

Min: 8 A	Set Current: 16 A	Max: 40 A
----------	-------------------	-----------

Stop Charging ☐

Enable the **Stop Charging** button to stop the charging session on the connector.

Connector States

Term	Definition
Status	Displays the real-time status of the charger.
Limit Status	Displays any limits on the charger.
Plugged In	Displays if the charger is plugged into the vehicle.
Voltage, V	The measured voltage from the charger.
Current, A	The measured current being delivered to the vehicle.
Current Limit, A	Displays the maximum available current of the connector.
Power, kW	The measured power delivered to the vehicle in kW.
Relay Temperature °C	The measured temperature of the charger's interior.
Session, kWh	The total kWh delivered to the vehicle since the start of the charging session.
Session Time	Total time of the charging session.
Session cost	The total charging session cost. Cost is calculated using the Session, kWh x the active Rate.
Rate	Displays the active rate used to calculate the Session Cost.
Total kWh	The total power delivered by the charger over its life.

Counters

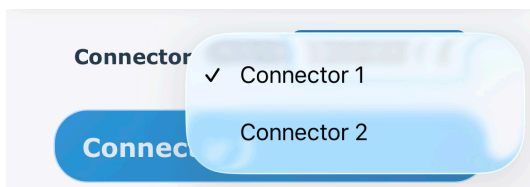
Two independent counters calculate the kWh and Cost of the charging:

- Select the **Reset** button beside Counter A or Counter B to reset the counter to 0.
- Counter will automatically track Energy kWh and Cost.
- Use counters to track any period you wish. For example, one weekly and one monthly.

TIMER / SCHEDULE

Connector Number

Select Connector 1 or Connector 2 to apply Timers and Schedules to that connector.



Disable Limits:

Enable the **Disable Limits** button to bypass all limits and schedules and begin the charging session.

One charge:

Enable the **One Charge** button to bypass all limits and schedules and begin the charging session for one session only. Set Limitations will save for the next charging session. The button will automatically disable when the one charging session is complete.

Time Limit:

The charging session will stop when the time limit has been reached. The time limit will override any set schedules.

To set the Time Limit:

1. Enable the **Time Limit** button.
2. Set the Time using the scroll bar (HH:MM:SS). The timer will begin to count down once the time limit is set.

Cost Limit

The charging session will stop when the cost limit has been reached.

To set Cost Limit:

1. Enable the **Cost Limit** button.
2. Set the Cost Limit using the scroll bar. Cost is calculated by multiplying kWh x the active rate. The cost will count down once the cost limit is set.

Charger Schedule

Set the charging schedule to charge at certain times.

Range 1:

1. Enable the **Range 1** button.
2. Set the Start and Stop times.

Range 2:

Range 2 can be used alongside the Range 1. For example, use the secondary schedule for weekends or preconditioning the vehicle.

1. Enable the **Range 2** button.
2. Set the Start and Stop times.

If Range 1 and Range 2 schedules overlap, the schedule that begins first will apply until it reaches the stop time.

Rates

Set the Rates per kWh to calculate the cost of the charging session. Rates are set to \$ per kWh.

Primary Rate:

Type the primary rate into the text box.

Example: 0.12 = 12¢/kWh. This rate will apply unless Rate 2 or Rate 3 are activated.

Rate 2:

1. Enable the **Rate 2** button.
2. Set the Start and Stop time for Rate 2. Rate 2 will apply during these times.

Rate 3:

1. Enable the **Rate 3** button.
2. Set the Start and Stop time for Rate 3. Rate 3 will apply during these times.

System Time

1. Set the system Time for all schedules and rates:
2. Enter the time in the **Current Time** field.
3. Enter the **Time Zone**. Follow the chart below to enter the correct Time Zone:

Time Zone	UTC - Standard Time	UTC - Daylight Savings Time
Eastern	-5	-4
Central	-6	-5
Mountain	-7	-6
Pacific	-8	-7

4. Select the **Update Time** button. Refresh the page to apply all settings.

SETUP

Wi-Fi AP Configuration Broadcast AP

The Broadcast AP toggle controls the charger's Wi-Fi network visibility: Visible or Hidden.

When Enabled the charger will broadcast its Wi-Fi network. When Disabled the charger will hide its Wi-Fi network.

- The Wi-Fi network will be hidden 15 minutes after the Broadcast AP toggle is deactivated.
- Once hidden the charger's Wi-Fi network will not be accessible.
- To show the network again, Reboot the charger from the Grizzl-E Connect App or by power cycling. The charger's Wi-Fi network will be available for 15 minutes after Reboot.

AP Name:

Name of the Charger network. The default is the serial number. Change to any network name.

AP Password:

The password for the charger's Wi-Fi network. The default is no password. Set a password for the Charger network to prevent others from accessing the network. Confirm the password in the Confirm Password text box.

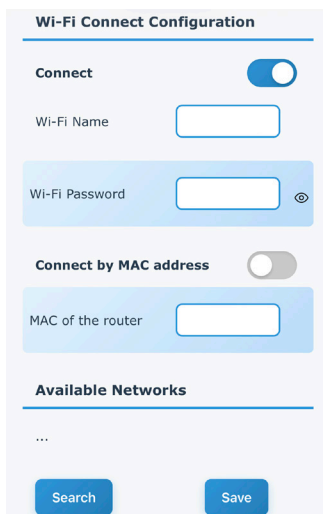
Select the **Save** button to save the AP Name and AP Password.

Note: If you forget the password see [WI-FI CONNECTION RESET](#) to reset AP Name and Password to default.

Wi-Fi Connect Configuration

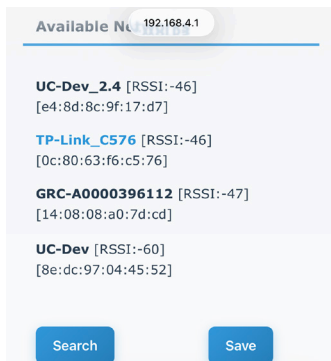
Wi-Fi Connect configuration allows you to connect to your home Wi-Fi network and the Grizzl-E Connect app.

1. Enable the **Connect** button.
2. Select the Search button to show the list of available networks.



The image shows a mobile app interface for 'Wi-Fi Connect Configuration'. It has a light blue header with the title. Below the title, there's a 'Connect' toggle switch which is turned on. Underneath, there's a 'Wi-Fi Name' text input field. Below that is a 'Wi-Fi Password' text input field with an eye icon to its right. Further down is a 'Connect by MAC address' toggle switch which is turned off. Below this is a 'MAC of the router' text input field. At the bottom of the configuration section is a section titled 'Available Networks' which currently shows three dots '...'. At the very bottom of the screen are two blue buttons: 'Search' and 'Save'.

3. Select your network from the list of available networks. Click directly on the network name. The network name will populate the Wi-Fi Name field. Ensure network is 2.4 GHz and has a signal strength greater than -67 RSSI (optimal range -40 to -60 RSSI).

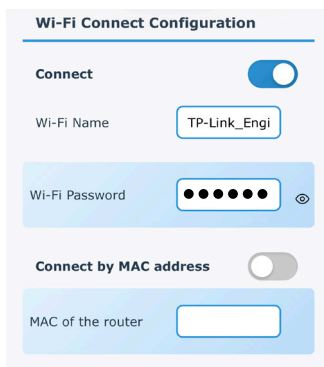


Available Networks 192.168.4.1

- UC-Dev_2.4 [RSSI:-46]
[e4:8d:8c:9f:17:d7]
- TP-Link_C576 [RSSI:-46]
[0c:80:63:f6:c5:76]
- GRC-A0000396112 [RSSI:-47]
[14:08:08:a0:7d:cd]
- UC-Dev [RSSI:-60]
[8e:dc:97:04:45:52]

Search Save

4. Enter the Wi-Fi Password.



Wi-Fi Connect Configuration

Connect ☒

Wi-Fi Name TP-Link_Engi

Wi-Fi Password

Connect by MAC address ☐

MAC of the router

5. **Optional:** Enable the **Connect by MACS address** button. Select the search button. Click directly on the MAC Address to populate the Mac of router field.



Available Networks 192.168.4.1

- UC-Dev_2.4 [RSSI:-46]
[e4:8d:8c:9f:17:d7]
- TP-Link_C576 [RSSI:-46]
[0c:80:63:f6:c5:76]
- GRC-A0000396112 [RSSI:-47]
[14:08:08:a0:7d:cd]
- Tech Team Wifi [RSSI:-51]
[02:13:ef:20:05:dc]

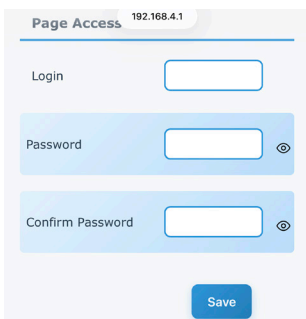
6. Select the **Save** button.
7. Select the **Confirm** button to apply new settings.

Page Access

The Page Access section allows you to set a Username and Password for the web page to prevent unauthorized use.

1. Enter a Username into the Name field.
2. Enter a password for your page. Confirm the password in the confirm password field.
3. Select the **Save** button.
4. Refresh the web page. You will be prompted to enter the Username and Password.

Note: If you forget the password, see [WI-FI CONNECTION RESET](#) to reset AP Name and Password to default.



The screenshot shows a web interface titled "Page Access" with the IP address "192.168.4.1" in the top right corner. The interface contains three input fields: "Login", "Password", and "Confirm Password". Each field has a corresponding icon to its right: a magnifying glass for "Login", an eye for "Password", and an eye for "Confirm Password". Below these fields is a blue "Save" button.

OCPP Settings

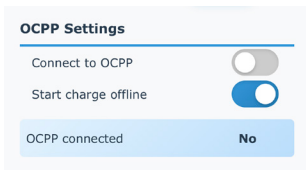
Connect to OCPP:

When enabled the charger will connect to OCPP and the Grizzl-E Connect application. When disabled the charger will only use Local Smart Features.

Start charge offline:

When enabled charging will start if the charger is offline.

When disabled charging will only start if the charger is connected to a Wi-Fi network.



The screenshot shows a web interface titled "OCPP Settings". It contains two toggle switches: "Connect to OCPP" (disabled, grey) and "Start charge offline" (enabled, blue). Below these is a blue bar with the text "OCPP connected" and the word "No" in white.

ADVANCED

Status and Charging History

Advanced page will show the status and history for each connector.

Charging History displays statistics from the 4 most recent charging sessions.

Session History will display the following fields:

- Date
- Energy (kWh)
- Time
- Cost

Data from previous charging sessions beyond the 4 most recent is not saved.

Other

Timer Type

There are two different Timer Types:

- noPWM
- VW

The Timer Type is the algorithm for a delayed charge (for example, a scheduled charge). The type of algorithm used depends on the vehicle.

If a scheduled charge does not work as expected, try using a different Timer Type for better results. Contact technical support if you need clarification on whether you require Timer Type.

Minimum Voltage, V

Minimal voltage is the lowest voltage at which a charging session will proceed. The charging session will not start or will interrupt if the measured voltage is below the set minimum. It is recommended to keep the default minimum voltage unless you live in an area with unstable power and lower voltages.

Minimum Current, A

Minimum current is the lowest current that can be set in manual mode.

Contact Technical Support for more information on setting the minimum current.

Factory Reset

Resets all settings and reboots the charger.

Firmware Update

Navigate to the firmware Update page.

Contact Technical support for more information on firmware updates.

Charts

Three Charts will show on the bottom of the Status Page:

- Voltage (V)
- Current (A)
- Temperature (°C)

Charts will update in real-time to display information from the previous 15 minutes.

Charts will automatically scale to fit all data. Previous chart information is not accessible.

CHARGER WI-FI FEATURES

AUTOMATIC HIDDEN WI-FI

For increased security, the Charger's Wi-Fi network [Serial Number] will display for 15 minutes after the charger is powered on. After 15 minutes, the network will be hidden.

Once hidden, the network will no longer be accessible by devices.

To restore the charger's Wi-Fi network:

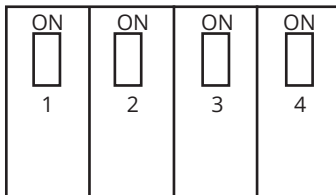
1. Turn off the power to the Charging Station by switching the upstream circuit breaker to the "OFF" position.
2. Wait 1 minute. Turn on the power to the Charging Station by switching the upstream circuit breaker to the "ON" position.

WI-FI CONNECTION RESET

Use the Wi-Fi Connection Reset to clear the following Wi-Fi credentials from the charger:

To perform a Wi-Fi Connection Reset:

1. Turn off the power to the Charging Station by switching the upstream circuit breaker to the "OFF" position.
2. Remove the front cover by removing the 4 screws at each corner of the charging station. Use a 5/32" (M4) hex key to remove screws.
3. Place the front cover to the side. Locate the DIP switch on the charging station circuit board. The DIP switch is a 4-position switch on the top circuit board, located on the right side of the charger.
4. Move DIP Switch #1 to the **ON** position. This applies to all amperage settings.



5. Restore power to the charging station by switching the upstream circuit breaker to the "ON" position.
6. Wait 1-2 minutes, with the charger powered on.
7. Turn off the power to the Charging Station by switching the upstream circuit breaker to the "OFF" position.
8. Return DIP Switches to the original position.
9. Reassemble the front cover. Torque Cover to 1.6 Nm (14 lbf-in).
10. Turn on the power to the Charging Station by switching the upstream circuit breaker to the "ON" position.

SAVE THESE INSTRUCTIONS

The most up-to-date User Manual is available online:

<https://grizzl-e.com/user-manuals/>

Visit our Technical Support page:

<https://autochargers.zendesk.com/hc/en-ca>

View the full terms and conditions:

<https://grizzl-e.com/returns/>

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