RIVIAN

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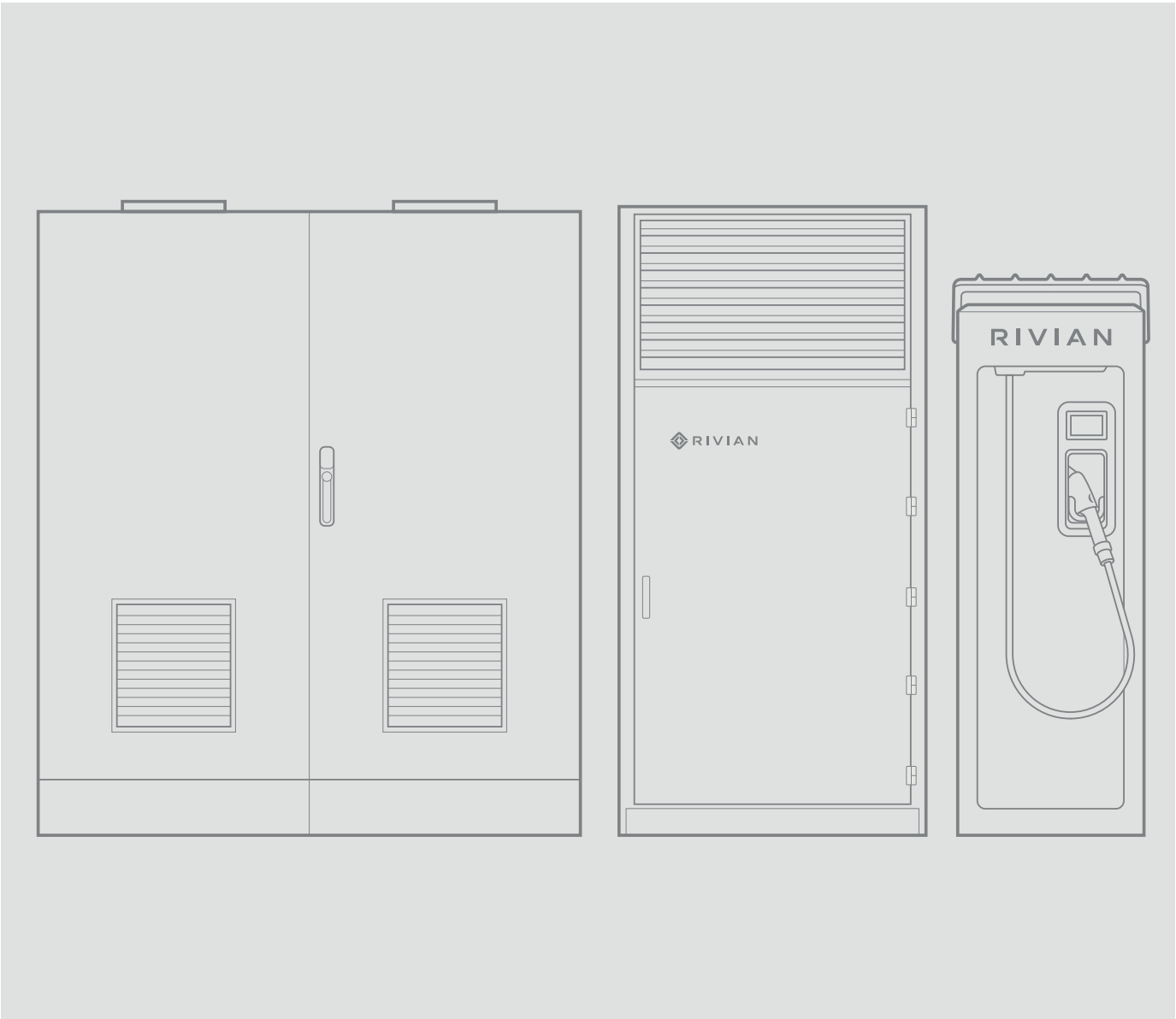
RIVIAN ADVENTURE NETWORK

Emergency Response Guide



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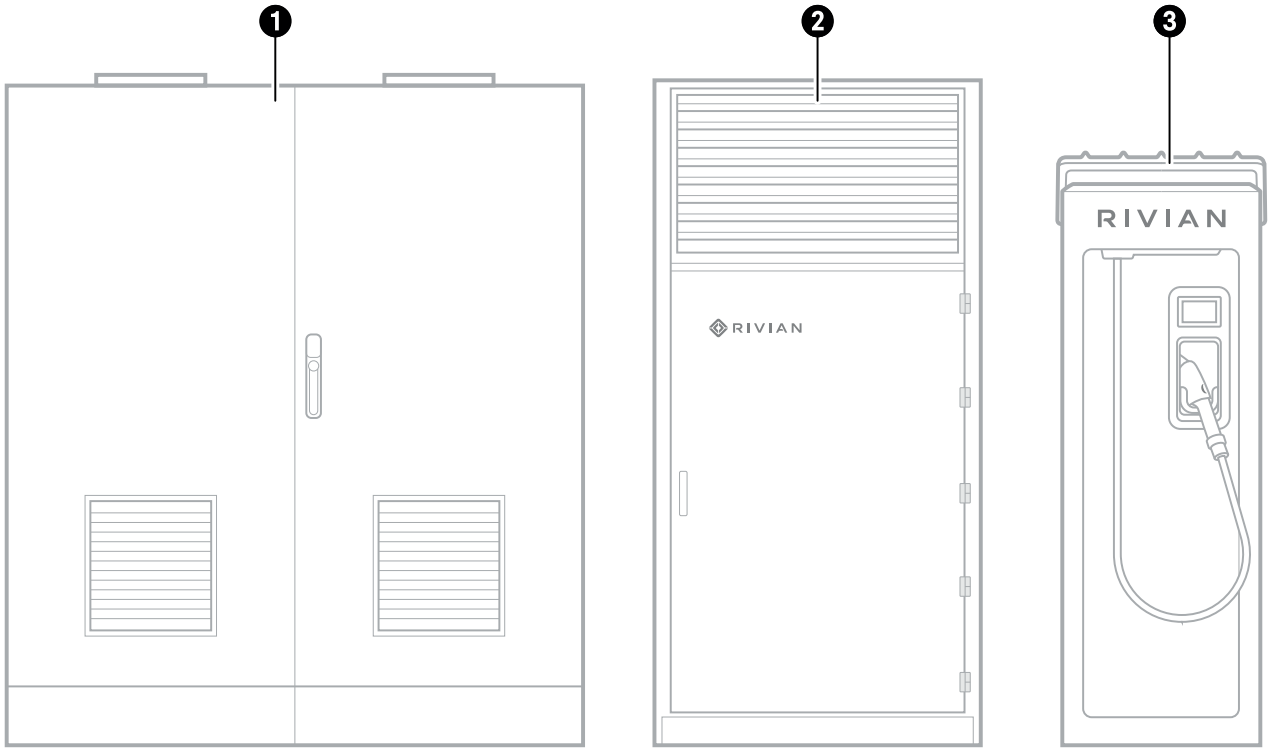
About This Guide

This guide provides information on best practices for handling a fire or electrical emergency at Rivian Adventure Network DC charging equipment locations.



Rivian DC charging equipment consists of the following components:

Item	Name	Description
1	Switchgear cabinet	Contains switches that control the flow of electricity to the power cabinet. It is sometimes secured by external padlocks.
2	Power cabinet	Contains up to six power electronic modules, which convert Alternating Current (AC) to Direct Current (DC). There is also a cooling system, a controller, and all required safety devices to protect the AC grid and DC battery connections. Each supports up to three dispensers.
3	Dispenser	Receives DC power, high-level communication, and auxiliary power from the power cabinets and outputs DC power and PLC communication to customer EVs.

These components may be contained within a locked enclosure.

Disclaimer

This guide provides information for trained and certified first responders so that they can understand and safely handle Rivian charging equipment in an emergency. Emergency responders who read and use this guide should have a comprehensive understanding of how safety systems work and have completed the appropriate rescue training and certification.

Only authorized Rivian Field Service Engineers may open the power cabinet.

Follow all recommended high voltage disabling procedures and safety considerations described in this guide to prevent serious injury or death.

Rivian charging equipment changes periodically, so the images in this guide may not exactly match the equipment you encounter, but the equipment should work the same way.

Important Safety Information

Carefully follow the instructions and warnings in this document when you are working on Rivian charging equipment during an emergency.

To prevent serious injury or death:

- Always use appropriate tools for the job.
- Always wear appropriate personal protective equipment (PPE) when working around charger equipment, switchgear, and breakers.
- Always assume that all high-voltage components are energized.
- Do not cut, crush, or touch high-voltage components.

Switchgear Transformer Safety

DANGER

- Always be aware of electrical hazards.
- Use extreme caution when approaching the scene of an electrical emergency, especially at night.
- Treat all wires as dangerous and energized at high voltage.
- Do not attempt to move exposed power cables.
- Do not spray water on exposed cables, transformers, or other electrical equipment.
- Do not disassemble electrical switchgear or transformers. This should only be done by licensed electricians or trained utility technicians with a proper understanding of the equipment.
- Always use appropriate Personal Protective Equipment (PPE) when handling high voltage.
- Contact the local utility company to disconnect incoming grid power.

Firefighting

Fires on charging equipment are considered electrical fires, while fires on vehicles are called vehicle fires. In case of a Rivian vehicle fire, refer to the firefighting topic in the appropriate Rivian Emergency Response Guide.

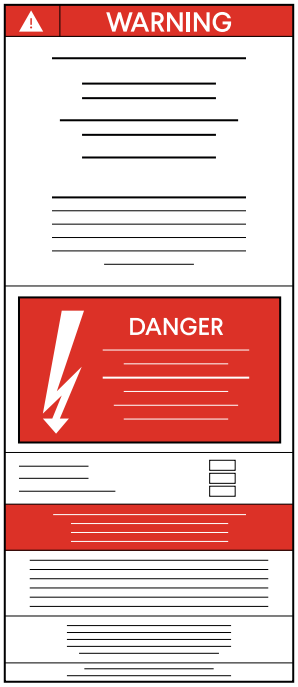
Extinguish an electrical fire using CO^2 (or other appropriate electrical fire suppression techniques and materials). For vehicle high-voltage battery fires, use a large quantity of water to cool down the components.

Extinguish small fires that do not involve a high voltage battery using a CO^2 or ABC extinguisher.

Warning Labels

Warning labels are posted on Rivian Adventure Network DC power cabinets and dispensers. The language may vary between the cabinets and dispensers.

Please follow all recommendations listed on these labels.



Site Disconnect Considerations

Review all notes and warnings before attempting to disconnect power to a charger site.

ACTIVE ENERGY STORAGE DEVICES

There are no active storage devices, such as batteries, in Rivian charging equipment. Any stored energy in a cabinet will dissipate rapidly.

WARNING

- Do not attempt to reset the breaker to disconnect.
- Do not attempt to disconnect power to the site using the power cabinets. Power cabinets must only be shut off via the branch breakers in the switchgear.
- Only authorized Rivian Field Service Engineers may open the power cabinet.

NOTES

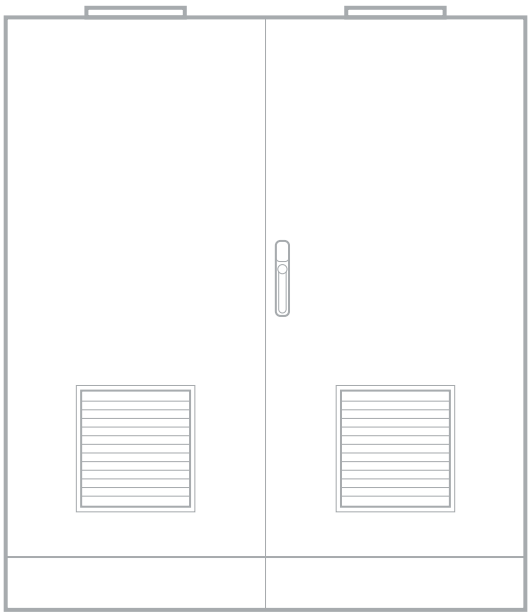
- Switchgear is typically within 100 feet of the dispensers and may be inside an enclosure. Do not attempt to reset the breaker to disconnect.
- If the main breaker is inoperable or malfunctioning: Locate every branch breaker and turn them to the OFF position.
- If the switchgear is inoperable or appears to have major damage, contact the local utility company to disconnect power from the grid.
- To enter a Switchgear cabinet enclosure, open the utility lock if you have the key, or cut the lock with bolt cutters if necessary.

Turn Off Power to the Entire Site

DANGER

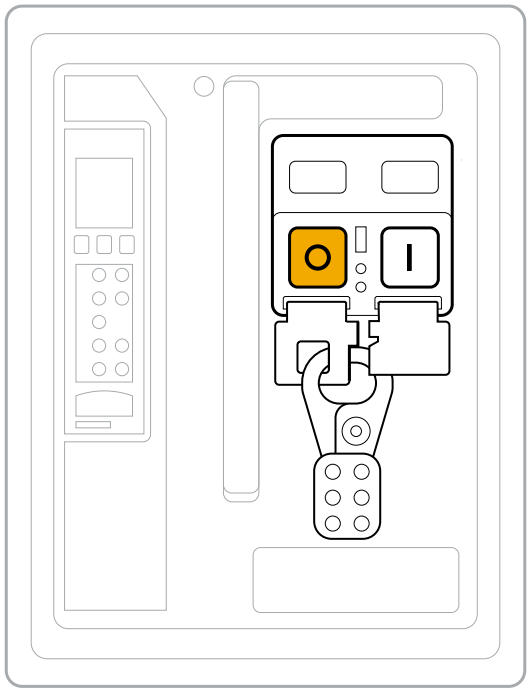
Always assume that all high voltage components are energized. Cutting, crushing, or touching high voltage components may result in serious injury or death.

The switchgear cabinet is normally located next to the power cabinets. Do not enter the power cabinet.



1. Enter the locked switchgear cabinet enclosure, using the utility key if you have it, or bolt cutters to cut padlocks if needed.
2. Locate the electrical switchgear associated with the power cabinets on site.

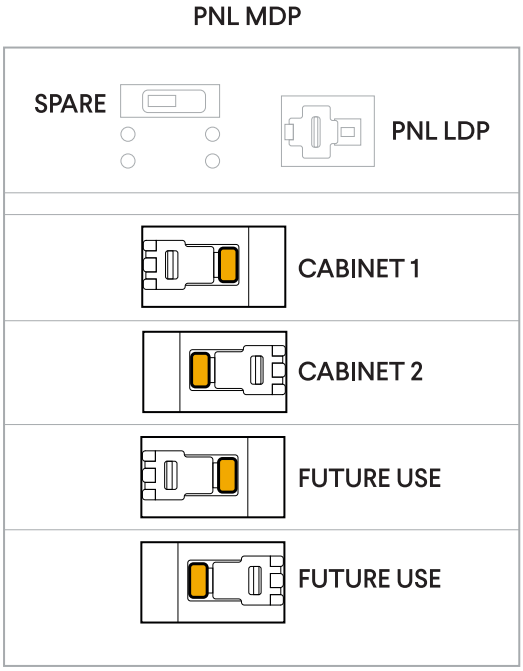
3. Locate the main feeder breaker and press the Open (O) button to turn power off.



NOTE

The image above shows a lock-out hasp below the Open button. This is used for hazards energy control after power is turned off or when a group is servicing a unit, and is normally not present.

4. De-energize a single cabinet by turning off its specific breaker in the switchgear.



WARNING

If both the main breaker and branch breakers are inoperable or have major damage, contact the utility company to disconnect power from the grid. Major damage may be indicated by charring or scorch marks on any components.

Still need help? Connect with us.

Customer Service

Call **(888) RIVIAN1** / (888) 748-4261
customerservice@rivian.com
rivian.com Support Center and Chat

For installation support or to submit feedback, email rwninstallations@rivian.com.