



## PORTABLE CHARGER

# 240 V Outlet Installation Guide



### DANGER

Only a licensed electrician should perform this installation in accordance with the provisions of national electrical codes and standards.

This document provides instructions for installing a 240 V outlet for use with the Rivian Portable Charger. Install a high quality NEMA 14-50R outlet according to the following guidelines and specifications:

- Within easy cable reach (less than 18 ft) of the vehicle charge port (shown in image below)
- With the ground pin at the top
- At a minimum 18 in above ground for indoor installations
- At a minimum 24 in above ground for outdoor installations (include a NEMA 3R-rated cover)

| Specification      | Description                                  |
|--------------------|----------------------------------------------|
| Circuit breaker    | Standard 50 amp                              |
| Receptacle         | High quality NEMA 14-50R                     |
| Voltage range      | Single phase, 208-250 V                      |
| Wire configuration | Line 1, Line 2, Neutral, Ground              |
| Conductor wires    | 6 AWG 90°C rated, use copper conductors only |
| Ventilation        | Not required                                 |

### NOTE

- Maximum current draw of the Portable Charger is 32 A, which provides up to 16 miles of range per hour of charge for a Rivian R1 vehicle.
- A GFCI breaker not recommended. The Portable Charger has built-in ground fault protection.

