

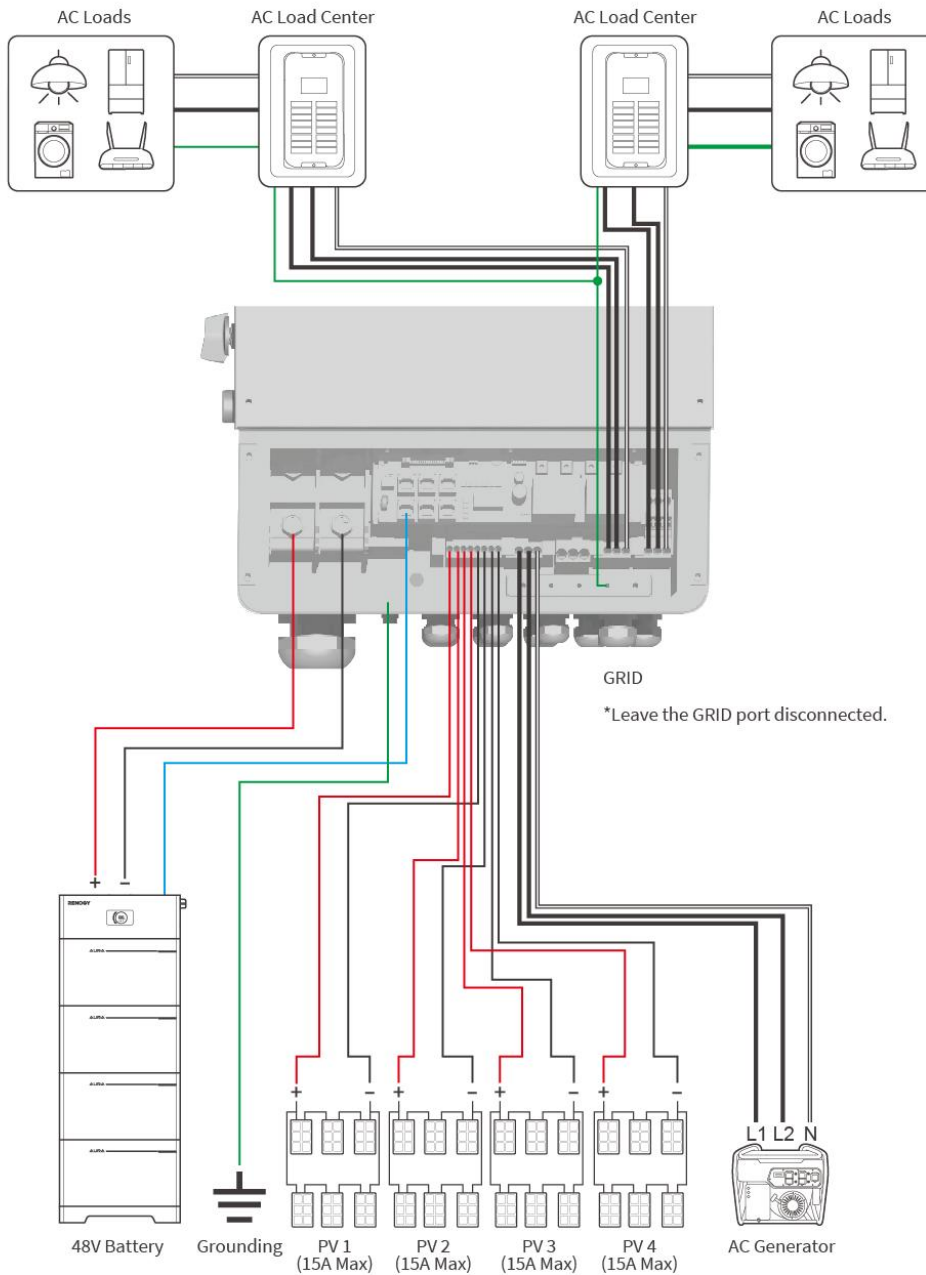
Wiring Instructions for Renogy X Series Inverter Charger

1. Off-Grid Scenario

Follow the wiring instructions in the user manual, ensuring proper connections. Leave the **Grid** port disconnected.

■ Inverter Wiring

- Live wire (AC)
- Neutral wire (AC)
- Positive (DC)
- Negative (DC)
- Ground
- Communication



2. On-Grid Scenario

- (1). To ensure proper grounding when operating in an off-grid state, connect the **N-wire** from the **Main Panel** to the **N-wire** in the **Subpanel**.
- (2). If the **Main Panel** and **Subpanel** are too far apart, connect the **N-wire** of **Grid**, **Load 1**, and **Load 2** together using a busbar. Refer to the diagram below for guidance.

