

REFRIGERATORS

Purpose

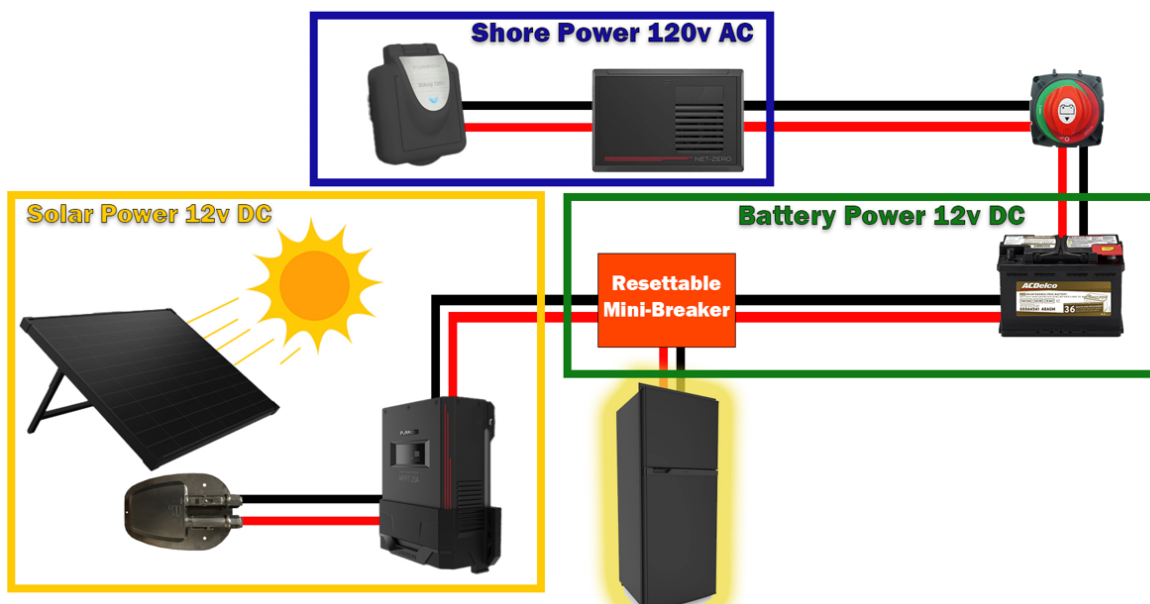
This document outlines the process of a hard reset of 12V DC Furrion, Everchill and Girard refrigerators. The process involves removing shore power, battery power and solar power. Also see video detailing procedure: <https://support.lci1.com/videos/how-to-hard-reset-a-furrion-refrigerator> or scan the QR code.



Background

The DC type refrigerator has three different power sources that run the refrigerator: shore power, which is 120V AC; battery power which is 12V DC; and solar power which is also 12V DC.

Shore power is the plug-in that users connect to power outside the RV which supplies 120V to a converter. The power is converted from AC to DC to provide 12V DC to the RV and also charge the battery. The battery independently supplies 12V to the system. A solar system, hidden because it connects past the battery connection and has a panel on top of the roof, also provides 12V to the system.



Procedure

1. Remove the unit from shore power (120V AC).
2. Disconnect all battery negative terminals and then remove all battery positive terminals.
NOTE: Using a battery disconnect in place of disconnecting the battery's negative terminal is not sufficient for disconnecting the battery because the refrigerator may be directly connected to the battery.
3. If equipped, disconnect any solar systems to the unit (12V DC).
A. Check for quick disconnects.
4. Make sure all lights are off inside the appliance.
A. Confirm power has been removed by opening and closing the door to make sure all lights are off.
B. If applicable, also confirm the control panel display is unresponsive.
5. Wait five to 10 minutes.
6. Restore power.