



Technical Bulletin – SPSTB-08152017

2020-10-21

HUGO BATTERY BACKUP SYSTEM FOR RINNAI USERS

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HUGO Battery Backup System for Rinnai Users

by SafeGuard Power Solutions, LLC.

Identified Scenario:

Rinnai water heaters experience no water flow during power outage while HUGO is installed with the included flow sensor.

Cause:

Rinnai tankless water heaters have a solenoid valve within the heater that when Rinnai receives input power and attempts to restart, this valve will be initially closed to sense the amount of water pressure coming into the heater. When this valve is closed, HUGO's included flow sensor does not detect a flow in the cold water supply line and therefore not providing power to keep Rinnai's power running.

Solution:

The new HUGO-X1R has incorporated a software upgrade so that whenever HUGO's flow sensor senses a flow, it will keep the output power running for 5 minutes. If after the 5 minutes and there is still no water flow, HUGO will shutoff AC output. During these 5 minutes, HUGO will keep providing power output so that Rinnai's tankless water heater will have the time and power it needs to go through the restart cycle and open the solenoid valve for normal operation.