



FranklinWH Backup Expansion Lug Kit Installation Guide

aGate X, SKU: AGT-R1V2-US; AGT-R1V3-US
Backup Expansion Lug Kit, SKU: ACCY-BLV2-US

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Please read this document carefully before installing or using the FranklinWH equipment. Failure to follow any instructions or warnings in this document may result in damage to the equipment, personal electric shock, severe injury, or even death.

Product Information

This document applies only to the following products: aGate X and the FranklinWH Backup Expansion Lug Kit.

FranklinWH Energy Storage Inc. (FranklinWH) reserves the right to make any improvements to the product, and the contents in this document shall be subject to updates without further notification.

All images and pictures provided in this Manual are only for demonstration purposes and may differ in detail from the product, based on the product version.

Feedback

If you have any questions or comments, please send us an email at: service@franklinwh.com

Disposal of Scrapped Products

Scrapped products (including their internal chemicals and electrical materials) should not be disposed of with household waste. Please refer to your local laws and regulations regarding disposal.



Overview



The Backup Expansion Lug Kit is an optional accessory for aPower Multiple Parallel Systems exceeding 19.2 kVA. It contains two (2) lugs to be used for additional aPower connections on the backup circuit.

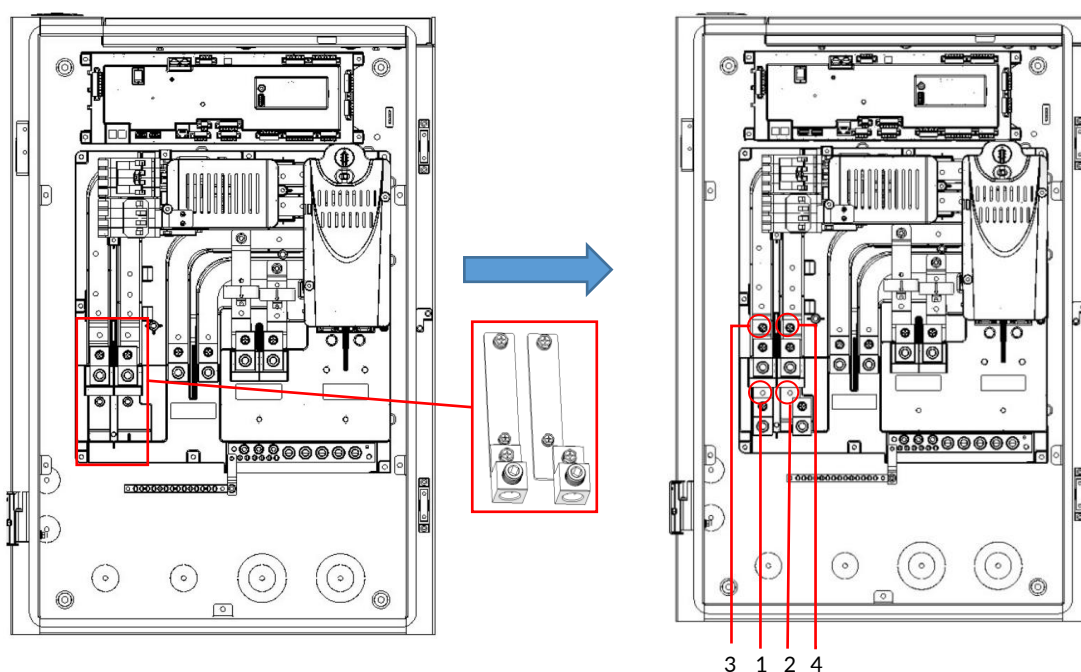
Backup Expansion Lug Installation

Before installation, make sure all breakers in the aGate and all switches connected to the aGate are disconnected. Use a multimeter to check the voltages at both input and output terminals of aGate are zero (0).

**NOTE:**

When installing this accessory, the backup circuit breaker may not be installed.

1. Place the backup expansion lugs in the designated positions as shown in the diagram below, and verify that the installation holes 1-4 are properly aligned.
2. Using a Phillips screwdriver, tighten the two M5x12 screws at positions 1 and 2, as well as the two M6x16 screws at positions 3 and 4, to the recommended torque.



Connecting multiple aPowers (four or more)

**NOTE:**

When installing multiple aPower units, please contact FranklinWH for technical support.

The circuit breaker for the aPower port supports a maximum of 100 A. If the homeowner needs to connect a circuit breaker larger than 100 A, connect it through the Backup Expansion Lugs.

In this scenario, the combiner box must have a main circuit breaker that connects to the aGate.

