



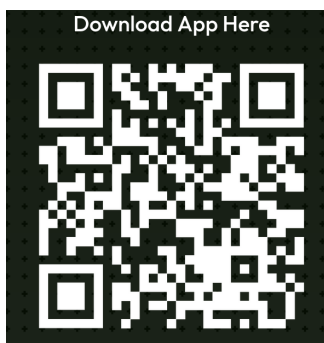
LiFeBlue Ultimus (LBU) Quick Start Guide

All LiFeBlue batteries must be fully charged upon receipt and before use. This procedure will synchronize the SOC meter with actual battery capacity and insure that all batteries are at the same potential.

1. When unpacking, keep the included CAN bus network cable. This cable is for connecting 2 or more batteries to function in a network.
2. Battery must be activated by pressing the ON/OFF button (indent position). Wait 10 seconds for the firmware to load and BMS to start.
3. When battery is ON and not charging or discharging, the RUN/ALM LED will flash green every 5 seconds.
4. Connect a battery charger, preferably 10 Amp or higher, that can reach >14.2 volts. The charger does not need to be for Lithium batteries.
5. Open the **LiFeBlue Smart Connect** or the **Ultimus** app and check the Voltage and Current. The QR code below takes you to the Ultimus App download page.
6. Begin charging, continue until you see >14.1 Volts on the App.
7. At some point the SOC meter will recalibrate to read 100% **but the battery is not yet fully charged.**
8. Continue charging until the current on the App has dropped to <3 Amps.
9. Repeat this process with all batteries.
10. After all batteries have been charged using this method they are ready for connection and use.

Installation

- Install battery right side up
- Torque each terminal bolt to 9 N-m or 80 in-lb. Do not over tighten. Check bolt torque periodically.



Storage & Transportation Instructions

- Store battery in cool, dry environment.
- Do not store or install in direct sunlight.
- Discharge battery to 50% SoC before long term storage of more than 30 days.
- While in storage, check battery voltage every 60 days and charge if below 13.0 volts.
- Battery must be secured during transportation.

Warnings

- Read and follow all instructions for use, storage and disposal of this battery.
- Do not allow children or pets to contact battery.
- Do not drop the battery.
- Do not immerse in any liquid or subject it to water spray or mist. ULTIMUS excluded.
- Do not install the battery near any heat source or open flame.
- Do not store battery where terminals may contact metal.
- Do not short positive and negative terminals.
- Do not connect reverse polarity.
- Improper use may cause fire, rupture, damage or capacity deterioration of the battery.
- Do not disassemble the battery.
- Do not connect Low Temperature models in series. ULTIMUS excluded.