## **QUICK START GUIDE**



BEFORE YOU BEGIN	Determine how to control load and charger	Wire Main I/O and Thermistor/ Current Sensor Connectors.
Read the provided safety sheet before you begin to set up your BMS. As you wire the various connectors, please keep them DISCONNECTED from the BMS until you are instructed to connect the BMS.	Before you wire the BMS, it is important to figure out how you will control the load and the charger. See the "Interfacing the Load and Charger with the BMS" section of the wir- ing manual for assistance in how to determine this for your specific BMS application.	Use the provided pin-out diagrams to wire the Main I/O and Thermistor/Current Sensor connectors. See the wiring manual for detailed instruc- tions on wiring these connections.
Wire Batteries / Voltage Taps	Verify Battery Wiring	5 Download BMS Utility
Read the entire "Wiring the Batteries" section of the wiring manual before you begin wiring your cells. Keep the wiring harness UNPLUGGED from	Verify the wiring of your batteries using the tap validation tool (can be purchased or rent- ed from Ewert Energy) or using a multimeter. See "Verifying Cell Voltage Tap Wiring" in	Use the provided disc to download the BMS Utility to your computer.
<ul> <li>the BMS while you wire the batteries.</li> <li>DO NOT plug the BMS into the batteries yet.</li> <li>Program BMS using the Profile Se</li> </ul>	the wiring manual for more information.	Connect BMS to computer and to all wiring harnesses.

Things to know when you begin the Set Up Wizard:

- Battery configuration (chemistry, number of cells in series/parallel, location of fuses and long cables (if used))
- Size of current sensor used
- What other devices are being used (charger, motor controller, etc.)

Things to check after completing the Set Up Wizard:

- Maximum/minimum voltage settings
- Maximum current limits

Upload the settings to the BMS after making your profile. See the software manual for more information about programming your BMS.

Before putting the BMS into regular use, watch it closely for one full charge and discharge cycle to ensure that wiring and profile are correct.

Make sure the BMS correctly turns off the charger when cell voltage hits the maximum or shuts off the load when the cell voltage hits the minimum. If there are any problems, please correct before putting the BMS into regular use. Be sure to test the application carefully and thoroughly.

Your BMS should be ready to use. Please follow all guidelines in the safety instructions and manuals to avoid damaging the BMS or the batteries.

