

Basic checklist for LFP cell installation

BASIC CHECKLIST:

- 1. Following delivery, store the cells with the terminals facing up and carry out an initiation charge within 6 months at the latest. Never discharge cells immediately following delivery.

- 2. Use insulated tools for the installation, remove your watch and all other metal items from your hands.

- 3. Carry out an initiation charge right before installation, charging every cell separately, up to the full charge of the given specific cell.

- 4. Check the battery/cell polarity using a voltmeter and mark it brightly (with a marker or tape). We recommend that you do not rely on the often illegible labels of the manufacturer. Do not install cells whose voltage is different from the average voltage of the other cells by more than $\pm 0,1V$. Contact your supplier to discuss subsequent steps.

- 5. Do not connect the plus and the minus sides of one cell directly. This causes a short circuit, the cell will be damaged and you risk self-injury.

- 6. Clean the terminals and connectors using 200-grit sandpaper immediately prior to installation.

- 7. Only install the cells with the terminals facing up.

- 8. Always use double electronic protection from excessive charge and discharge of individual cells, a power fuse and a main battery switch.
