

Elo Tablet Lithium Polymer Rechargeable Battery Maintenance Guidelines

This Elo Tablet Lithium Polymer Rechargeable Battery Maintenance "Guidelines" document and the information contained herein sets forth just a few of the suggested best practices with respect to your Elo Tablet rechargeable Lithium polymer battery in order to properly maintain it, maximize its life and potential, and to avoid damage to the battery and injuries to you and others. These guidelines are not exhaustive.

For any questions related to the guidelines and battery safety, please contact Elo customer service or technical support (contact information available at <http://www.elotouch.com/Support/default.asp>).

1. Keep battery away from heat sources (e.g. fire) and do not expose to very high or very low temperature environments (e.g. direct strong sunlight, freezer).
2. Do not immerse battery in any liquid. Keep battery away from liquid contact.

Note: Battery may continue to self-discharge even in the absence of a load.

3. Deep discharging means discharging a battery's capacity to 0%. Do not misuse the battery by deep discharging the battery. Doing so may significantly compromise battery performance. Though the battery is equipped with a protection circuit module to reduce the likelihood of deep discharge, battery deep discharge may still occur.
4. The battery has a charging time of approximately 2.5 hours and is best charged at room temperature. A protection circuit module will prevent the battery from overcharging if charged longer. Constant charging of the battery via the tablet or tablet docking station will maintain battery at 100% charge, but it is normal that constant charging of the battery will result in battery to age more rapidly. Batteries will lose their capacity as they age.
5. It is recommended to charge or discharge batteries that will be stored for an extended period of time (>1 week) to 40% - 60%. Batteries should be stored in a dry ($\leq 75\%$ Relative Humidity) and room temperature (or cooler) conditions.
 - a. Do not store batteries for an extended period of time while installed in a tablet or tablet docking station because batteries that are installed onto a tablet during storage will discharge more rapidly and may result in deep discharge.
 - b. It is recommended to charge the battery at least once every three (3) months.
 - c. When storing the battery for more than a year, it is recommended to subject the battery to a full charge /discharge cycle at least once a year in order to maintain battery activity.
6. Static electricity may damage the battery's protection circuit. To avoid such electrical power damage, protect the battery from high electrostatic environments (e.g. carpeted dry environments). To reduce the risk of electrostatic discharge to the battery during storage, store battery in ESD bags.
7. Do not misuse the battery by connecting the battery directly to an electrical outlet. Charge the battery only with Elo-approved battery chargers (via the tablet and/or docking station) designed specifically for the battery.
8. Do not charge or use a damaged battery. A damaged battery may pose a risk of personal injury and damage to the tablet.
9. The Elo Tablet Lithium Polymer Rechargeable Battery is intended only for use with the Elo Tablet and docking station. Use the battery only with the Elo Tablet and docking station. Do not disassemble the battery; it is not intended for user disassembly or alterations.
10. Keep the battery away from infants and small children.
11. Do not abuse (e.g. puncture or crush) the battery. Keep sharp objects (e.g. nails) away from battery. Limit mechanical shock to battery and do not drop battery.

12. Short-circuiting may occur when an electrically conductive material (e.g. metal) electrically connects the two terminals of the battery. When handling, storing, or transporting battery, take care and precautions to prevent short circuiting.
13. Do not destroy or discard the battery by attempting to use fire or any liquid. Instead, recycle the battery at the end of its useful life according to local laws and regulations.
14. When transporting or shipping the battery, please refer to and abide by local and international regulations that govern Lithium-ion / Lithium polymer battery shipments. Proper packaging, shipping documents, and/or labeling may be required to ensure safe battery handling and transport.

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