



Care and Maintenance for your UNPLUGGED Battery

All Lithium batteries in electronic products, from cell phones to laptop computers, require proper care in order to maximize their life.

By following the following instructions, you can maximize the battery life (i.e. the time your battery will run before it must be recharged) and lifespan of your UNPLUGGED power source battery.

Battery Care and Use Instructions

PERFORM THESE STEPS BEFORE USING YOUR INSTRUMENT.

Your new battery must be initially calibrated with the level indicator system before routine use or if your battery has become uncalibrated. To calibrate your battery and level gauge:

1. **Fully drain your battery** – Turn your instrument on using the brightness control on the headband. Remove the front window protector to ensure the instrument is on. Discharge the battery completely, so there is no light on the instrument or the battery.
2. **Fully charge your battery** – Turn your instrument OFF by turning the brightness control on the headband to the setting marked "O". You will hear and feel a CLICK when it is in the OFF position. Plug your mobile charger into the open connection port on the battery.
 - a. The battery level indicator lights will flash as the battery charges.
 - b. Allow the battery to charge for about 2 hours to a complete 100% charged state.
 - c. When the battery is 100% charged, all of the level indicator lights will TURN OFF. This indicates the system has stopped charging the battery because it is full. This mechanism prevents over charging of your battery.

Standard Maintenance

The Lithium-Ion Polymer battery cell in your UNPLUGGED power source does not require any periodic maintenance or cycling once the initial calibration has been performed.

Long-Term Storage

If you don't plan on using your UNPLUGGED battery for more than six months, HEINE recommends that you store the battery with a 50% charge. If you store a battery when it's fully discharged, it could fall into a deep discharge state, which renders it incapable of holding any charge. Conversely, if you store it fully charged for an extended period of time, the battery may experience some loss of battery capacity, meaning it will have a shorter life.