

Tips to Keep IKE Batteries Working in the Cold Weather

We all know that batteries do not like cold weather and the Li-Ion battery in IKE 3/MapSight is no different. Best results can be expected if they are kept warm. Here's some tips to help maximize results for your device battery:



1. **Treat the Batteries like your Hands:** Store your extra battery in your pocket. Use the device cover to help protect the device and the battery from the cold.
2. **Charge the IKE 3 Battery Indoors:** A Li-Ion battery will not fully charge in the cold conditions (below freezing). Charge the IKE-3 inside and not in a cold garage or site office. The temperature must be higher than 32 degrees.
3. **Know the Battery Operating Range:** Operating range for the battery is 14 to 122° F (-10 to +50° C) and can be stored from -22 to 140° F (-30 to +60° C). This means that the battery needs to be at least 14° F to operate. If you are working in temperature close to or below 14° you may have to think of way to insulate you battery from the cold.
4. **Keep Device Inside when Traveling:** When traveling to the work site, keep the device in the heated cab of the vehicle.
5. **Charging New Batteries:** Always charge new batteries inside the device. Rotate charging the battery inside the device will insure the battery is calibrated with the battery indicator on the device.
6. **Recalibrate Batteries After Exposure to Extreme Temperatures:** Freezing weather can impact the battery indicator reading within your device—and cause the battery power information to be inaccurate. Recalibrate the battery before using in freezing temperatures to ensure the existing battery power is registering correctly. This is a process that requires a full charge, discharge & recharge cycle to recalibrate the battery to its optimal capacity.
7. **Dispose of Old Batteries:** Batteries have a maximum number of times they can be charged. Date the batteries when you first begin using and replace them every two years to avoid problems.

For additional assistance or questions contact:

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