

Battery Maintenance and Tips

Tips:

- **Always** unplug the battery from the chassis when storing the Solar Suitcase Learning Kits
- **Never** store in freezing temperatures
- **Never** store in extreme hot temperatures
- **Charge once a year** if not being used to maintain the health of the battery.
- **Never** allow a metal object to contact both battery terminals simultaneously. Doing so can create a short circuit, causing sparks, rapid battery discharge, and potential damage to the battery.

How to Check the Battery Level on Your SLK- Battery

1. With the battery not installed in the chassis, use your Digital multimeter (DMM) to measure the battery voltage.

Set your DMM to 60V DC

Using your DMM, measure voltage by placing probes on the positive and negative terminals or into the positive and negative slots of the battery plug (just follow the color of the wires)



2. A full battery should be around 13V, a dead battery is $<8V$, and a low battery $8V < V < 10V$. If your battery is low, go charge it with the solar panel before connecting too many loads!

