

## Caring for your Bigblue Lithium Rechargeable Batteries to Increase their Battery Life

- 1) Do not completely discharge the battery till it's completely flat.
- 2) If not using your light (torch) for a couple of weeks, it is best to store the battery at about **40% charged**. Just give it a full charge the night before your dive.  
Storing Lithium batteries at full charge will drastically shorten their life.
- 3) Keep your light (battery) away from heat. I.e: Direct sunlight, as overheating will damage the battery.
- 4) Give your rechargeable batteries a full charge and discharge cycle every few months, or if they have been stored for a while. These guidelines are not essential as batteries will still perform well without them, but performance and **total life span** may be improved by following these guidelines.

### 5) **Battery Reconditioning:**

Are your rechargeable batteries not holding power like they used to? Battery reconditioning is a method of restoring the lost performance of rechargeable batteries and can also be useful in cases where batteries appear not to be fully charging.

It can sometimes be necessary to 'kick start' the chemical reaction within the battery so that it can function at full capacity again.

**To recondition a rechargeable battery:** First discharge the battery completely through normal use.

**Note:** If not diving put the light in a bucket of water as the LED light head will be permanently damaged due to overheating. The LED head is designed to run cool while diving. The water acts as a heat sink.

Then, fully recharge the battery as normal. Avoiding super-fast chargers. Repeat this cycle 3-4 times to hopefully get back full capacity.