

LiPo

Management

Cheat Sheet



**Improve drone battery
life and flight times by
following through this
EASY cheat sheet!**

droneybee.com

→ Balanced Battery



Make sure the batteries are balanced every other day

→ Battery storage 1



Make sure the batteries are stored at 40 – 60 %

→ Not overcharged



Batteries should not be charged to over 90-95% ideally

→ Battery storage 2



Store the battery in an ammo box or a LiPo bag. Keep it away from magnetic or inflammable objects

→ Not overdischarged



Batteries should not be discharged to below 20% ideally

→ Charge rate 1



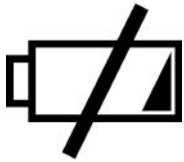
Batteries should be charged at no more than 1 C rate for longevity

➔ Charge rate 2



Do not charge or discharge a battery when it is too hot

➔ Physical damage



Make sure the batteries are not puffed or physically damaged. If so, throw them away

➔ Voltage anomaly



If the cells of the batteries discharge too unequally everytime, For example, after flights session on a fully charged 3S battery, if the battery cells reads something like 3.3, 3.3 and 3.5, your battery is bad.

➔ Battery disposal



Make sure the battery is disposed of properly. Easiest way to do this is to take it to your local disposal center or hobby shop. DO NOT however, throw your LiPos in the garbage can without properly discharging it.

Follow advice from this post: <http://www.droneybee.com/lipo-battery-tutorial/>