

Top tips to use LiPO battery and keep your battery staying on top performance with long life cycle. vol. 1.0

- **Charging**

1. Use smart LiPO balance charger.
2. Make sure the cell voltage are balanced(voltage difference within 0.02mv) after charging for max performance.
3. Do not charge the voltage of any cell over 4.2V for long life cycle. Over-charging will damage the battery,

- **Discharging**

1. Keep the voltage per cell above 3.7V*(i.e. 7.4V for 2 cell lipo and 11.1V for 3 cell lipo). By following this rule, there is approx 20% capacity kept in the battery for the purpose of long life cycle. This known as 80% rule. In other words, it means only use less than 80% of the battery capacity.
*: To get the correct voltage reading, measure the voltage when the battery is not under load.
2. LIPO battery WILL be damaged if it is drained.
3. In order NOT to damage your Kong Power AEG LIPO carelessly, battery alarm is recommended or count the total number of BBs/magazines you can shoot with that particular AEG and that particular LIPO battery safety, and without damaging your LIPO battery pack.

- **Maintenance**

1. When LIPO is not used, charge/discharge the voltage per cell to 3.8V-3.85V for long life cycle.
2. For long term storage(i.e. Winter season), follow (1) and check the battery voltage every 1-2 months and maintain the battery voltage per cell within the recommended range of voltage.

KongPower Tech wishes all our valuable customers can enjoy their battery pack as much possible, and are also taking a very good care of their battery packs.

Should anyone has usage problems regarding to Kong Power products, you can reach KongPower Tech by phone or email as below.

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2009/11
vol. 1.0