

# Battery Care

Keep your battery out of the cold whilst not riding the bike, but preferably in a cool place inside.

Always use the correct charger, as supplied, for your battery.

Try not to get your battery too wet, although they are sealed for general all-weather use.

## **Lead-Acid**

When receiving the battery from new, give it a long charge (12 hours or more), run it flat, and then give it another full charge.

In general use, try to make sure the battery is fully charged, whether preparing for a ride or for storage.

Allowing the battery to fully discharge on a regular basis will shorten the lifespan of the battery, so try and work out the range you get from each charge and plan your ride to allow for a little power to be left in the battery.

If possible, always leave the battery on charge for the full duration – don't unplug it half way through.

If storing the battery for any length of time, make sure it is fully charged, kept in a cool place inside, and top up the charge every month or two. This will decrease the aging process of the battery (although every battery will slowly age whether used or not).

When returning to regular use, give the battery another long charge to prepare it for everyday use.

## **Nickel-Metal-Hydride (NiMH)**

When receiving the battery from new, give it a long charge (24 hours or so) to prepare it for use.

In regular use, you can top up the battery to keep it fully charged.

Every month or so, completely run the battery flat and then give it a full charge to keep it at its optimum.

The battery could take a few charging cycles before it reaches its full potential range.

If storing the battery for any length of time, try to keep it at around 40% charge, in a cool place inside and top up the charge a little every two or three months. This will decrease the aging process of the battery (although every battery will slowly age whether used or not).

When returning to regular use, give the battery a full discharge/charge cycle to prepare it for everyday use.

## **Lithium-Polymer**

When receiving the battery from new, fully charge it on a regular charge and it will be ready for use.

In regular use, keep the battery fully charged. Letting the battery run empty on a regular basis will shorten its lifespan considerably.

Never charge the battery in freezing conditions. If the battery has been used in very cold conditions, allow it to warm up before charging.

If storing the battery for any length of time, try to keep it at around 40% charge, in a cool place inside, and top up the charge a little every month or two. This will decrease the aging process of the battery (although every battery will slowly age whether used or not).

When returning to use, charge the battery fully to prepare it for everyday use.