

## **Hebb E-Bikes Use and Care of Batteries**

Your Hebb E-Bike uses a 37 volt, 10 Amp hour lithium-ion battery. When you receive your bike the battery will not be fully charged, and we recommend you start the battery charge process immediately as you should not use your E-Bike without a fully charged battery.

**Charging your battery** – Please do the following in the following order each time you charge your battery:

- Be sure the charger is OFF.
- Connect the charger to the AC outlet.
- Connect the charger to the battery.
- Turn ON the charger.
- The red light on the charger will come on indicating there is power. The second light will be AMBER or GREEN. AMBER means the battery is charging. GREEN means the battery has fully charged.

On rare occasions the charger may get a false GREEN reading indicating a full charge. To check the validity of the reading, turn the charger OFF, wait a few seconds for the RED light to go off, and then turn the charger back on. If the battery is fully charged, the GREEN light will go on again. If the AMBER light goes on, continue charging.

The battery is rated 10 amp hours, and the charger output is 2 amps per hour, so it will take 5 hours to charge a fully depleted battery. After most rides of an hour or so, it will take two to three hours to charge the battery. Please note that new batteries need two discharge cycles before reaching full capacity. The capacity on the battery will increase after the first few charges.

**Using your bicycle battery** – The following will extend the life of your battery:

- Assist the bike as much as possible, especially on steep hills. If the battery level gauge light goes into RED for extended periods of time on steep hills, this may damage the battery.
- Try to prevent fully discharging the battery. It may be possible after the battery is discharged to turn off the bike, wait a few seconds, and turn it back on to get some more power. This pulsing (turning off and on) will permanently damage the battery.
- After riding for a long period, let the battery cool off for an hour or so before charging.
- Charge the battery after every use. There is no “memory” problem as there is on some batteries on power tools. The battery can be charged at any level.
- The battery can be charged either on or off the bicycle.

**Storage and care of the battery**

- Although batteries can be stored on the bike in the garage or a good weather-enclosed storage area, it is recommended that the batteries not be stored for extended periods of time at a temperature of over 80 degrees or below freezing.
- If the bike is not being used, we recommend the batteries be charged for an hour or so once a month. This will keep the battery from being fully discharged and will extend the life of the battery.