

The E-BikeKit™ 36v 10ah LiFePO4 Battery Pack Quick Start Guide:

Inspect your new battery:

- Keep all packing materials, foam insert and box
- Inspect the pack, wires and charger for any visible damage, if you find anything, STOP and contact us, never use or charge a damaged battery.

Charging:

- Plug the charger into the wall outlet, then to the pack (The charge port is near the carrying handle). You can plug the charger into the pack first if you choose; either way is acceptable.



The charger will have a **RED** light during charging, **ORANGE** near the end and **GREEN** when fully charged.



The charger will get hot during charging, do not cover the charger or leave it inside a bag, allow plenty of air for the heat to dissipate. Placing the charger on top of the aluminum battery box will help keep the charger cooler.

You can leave the charger plugged in for extended periods of time; this will not harm the battery. The "BMS" – Battery Management System inside the battery will prevent any possible overcharge, however, it is advisable to remove the charger if the pack will not be used for an extended period of time, will extend the life of your charger.

A fully charged LiFePo4 battery, not in use, will drain approximately 3 % capacity per month, never store your battery for long periods of time completely empty, this can cause permanent damage to the cells. Plugging in the charger will recharge the pack to full capacity at any time.

You can partially charge and disconnect the charger even if the green light has not come on and use the battery, be aware that you will not have a full charge.

The supplied charger is "2 Amps ", for every hour your charge the pack, you get 2 Amp/Hour "2ah "of capacity. A 10ah pack fully discharged will require 5 hours to recharge. A 50 % discharge will require 2.5 hours to recharge etc. This method can be used to determine how much of the battery you are using on a trip!

For the first few cycles, avoid deep discharges to allow the charger and BMS to balance the cells in the pack for full capacity to be available. Discharging the pack completely empty is not required, unlike Nicad batteries that need to be "conditioned "sometimes, LiFePo4 batteries will last longer with shallow cycles and stay in good balanced condition via the BMS.

WARNINGS:

- Always disconnect the battery from your E-Bike when not in use. If the motor is not running the controller consumes power on standby, left connected long enough this can over-discharge the battery and cause permanent damage.
- Never use this battery for anything other than your E-Bike
- Keep dry, the pack is water resistant, but not water proof, in heavy rain it is recommended to cover the pack with a plastic bag or other suitable protection from the elements.