

Lithium-Ion Battery Maintenance Guidelines

All our scooters are for adult used scooter, not for juvenile used scooter (children,kids teenager etc). Please let them stay away from our scooters to avoid any trouble. We use FST or Chaowei lithium-ion battery for our harley scooter series. Both brand names are well known in the battery industry in China. The battery capacity we use is usually either 12ah or 20ah (authentic battery capacity). The charging time varies depending on different battery capacity which takes from 4-6hours. In order to use the battery safely, do not charge the battery for more than 6hours per single charge and read the following details before you start charging the battery.

Lithium-Ion Battery Maintenance Guidelines

Lithium-Ion rechargeable batteries require routine maintenance and care in their use and handling. Read and follow the guidelines in this document to safely use Lithium-Ion batteries and achieve the maximum battery life span.

Overview

Do not leave batteries unused for extended periods of time, either in the product or in storage. When a battery has been unused for 6 months, check the charge status and charge or dispose of the battery as appropriate.

Rechargeable Lithium-Ion batteries have a limited life and will gradually lose their capacity to hold a charge. This loss of capacity (aging) is irreversible. As the battery loses capacity, the length of time it will power the product (run time) decreases.

Lithium-Ion batteries continue to slowly discharge (self-discharge) when not in use or while in storage. Routinely check the battery's charge status.

Battery Maintenance

Observe and note the run time that a new fully-charged battery provides for powering your product. Use this new battery run time as a basis to compare run times for older batteries. The run time of your battery will vary depending on the road's condition and the loading weight of the rider.

Routinely check the battery's charge status.

Carefully monitor batteries that are approaching the end of their estimated life.

Consider replacing the battery with a new one if you note either of the following conditions:

- The battery run time drops below about 80% of the original run time.
- The battery charge time increases significantly.

If a battery is stored / unused for an extended period, be sure to check it, Pls consider it to be damaged if anything unusual. Do not attempt to recharge it or to use it. Replace it with a new battery pls.

Storage

Charge or discharge the battery to approximately 50% of capacity before storage.

Charge the battery to approximately 50% of capacity at least once every six months.

Remove the battery and store it separately from the product.

Store the battery at temperatures between 5 ° C and 20 ° C (41 ° F and 68 ° F)

NOTE. The battery self-discharges during storage. Higher temperatures (above 20 ° C or 68 ° F) reduce the battery storage life.

Handling Precautions

Do not charge the battery pack all night.

Stop charging the battery when the battery is full.

Pls remove the charger from the socket after finishing charging the battery .

Stop charging the battery for more than 6 hours per single charging.

Stop charging and using the battery if finding out the battery get hot or get warped or other unusual status we mention here.

Do not disassemble, crush, or puncture a battery.

Do not short the external contacts on a battery.

Do not dispose of a battery in fire or water.

Do not expose the battery to high temperature or/and high voltage.

Keep the battery away from children/teenager.

Avoid exposing the battery to excessive shock or vibration.

Do not use a damaged battery.

If a battery pack has leaking fluids, do not touch any fluids.

In case of eye contact with fluid, do not rub eyes. Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the fluid remains. Seek medical attention.

Transportation

Always check all applicable local, national, and international regulations before transporting a Lithium-Ion battery.

Transporting an end-of-life, damaged, or recalled battery may, in certain cases, be specifically limited or prohibited.

Disposal and Recycling

Lithium-Ion batteries are subject to disposal and recycling regulations that vary by country and region. Always check and follow your applicable regulations before disposing of any battery.

Many countries prohibit the disposal of waste electronic equipment in standard waste receptacles.

Place only discharged batteries in a battery collection container. Use electrical tape or other approved covering over the battery connection points to prevent short circuits.

What to do in case it gets fire

Cut off the power source immediately, as well as cutting off the power source of whole house if needed.

Do not use the water to put out a fire.

Using heavy bedding to extinguish the fire or cover over the fire at the beginning in order to cut off the air. Call 119 if needed.