



TECHNICAL SUPPORT DOCUMENT

ESR BATTERY MAINTENANCE

Battery Characteristics

The batteries in your ESR scooter are Sealed Lead Acid (SLA) type batteries which are long-lasting and generally trouble-free batteries. They do have a limited lifespan based on the number of charges, however, as all batteries do. In addition, SLA batteries do not like to be left discharged for extended periods of time – doing so will shorten their life. With these characteristics in mind, please follow the guidelines below to keep your batteries in good shape as long as possible.

Frequent Use

If you regularly ride your scooter, we recommend that you fully recharge your batteries after every lengthy ride or when the flux capacitor indicates the battery are low. SLA batteries can be charged up to about 500 times before capacity is significantly degraded. While there is no “memory effect” to SLA batteries, topping off the charge is only recommended when necessary.

Infrequent Use

If your scooter sits idle for a month or more, we recommend that you top off the battery charge. SLA batteries if left in a discharged state for an extended time (more than 3 months typically) will go bad and so it is important to keep them charged since they do slowly discharge.

Internal Charger

The ESR series has a very convenient internal charger using a standard computer style AC power cord. It is an intelligent charger which means that it will not overcharge your batteries but we recommend that you do not leave the scooter charging indefinitely. Under normal circumstances a full charge will be achieved in 3 to 6 hours. When fully charged, the flux capacitor will flash RED-YELLOW-GREEN together instead of in sequence as it does during a charge.

Replacement Batteries

As an authorized Go-Ped dealer we can order and install new batteries for you – they are also fairly easy for self-installs simply removing the wood deck. Be kind to the environment and recycle your old batteries when replacing them!